WhisperPowerBook

Generators & Power System Solutions

Commercial Mobile | Recreational Mobile | Offgrid



Enjoy Green Energy

whisperpower.com

The certainty of non-stop onboard power

Anywhere, any time,

under the most challenging conditions















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Fixed rpm

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Fixed rpm

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Monitoring and control

Control your generator, wherever you are!

NEW WHISPERPOWER PRODUCT NEW! NEW WHISPERPOWER PRODUCT

With its new in-house developed WhisperCare 2.0, WhisperPower has taken the next step towards secure, robust, easily accessible and cost-effective remote monitoring. Security and compliance are important to WhisperPower, the highest standards have been incorporated in the design. The OctoControl modules collects real-time information from your WhisperPower system, processes it and displays it on your WhisperPower Touch monitor, a third party MFD or in the WhisperCare cloud interface.



Benefits of using the WhisperCare cloud portal

With WhisperCare 2.0 cloud portal, you can access and monitor your generator or power system from anywhere and anytime. Receive timely alerts and notifications, and get all the essential information about your systems - both real-time and historical - in one convenient portal. Connect your WhisperPower energy systems with the OctoControl Gateway or Pro, and experience the ultimate convenience of the new standard in energy management.

Full control using the WhisperCare interface

Having the ability to constantly monitor and control your system is essential. With OctoControl solutions, you can connect, manage and control your WhisperPower energy system on an installed touch panel in your vehicle, trailer, shelter, or other, or other application.
The OctoControl Pro can be seamlessly integrated into your existing MFD's. Additionally, it can be used with the WhisperPower Touch Monitors to view and control your system, remotely as well on-site.

Third-party systems

Thanks to the intelligent WhisperCare software, seamless integration with any multifunctional display is possible, allowing users to control the complete WhisperPower system directly from their navigation screen or multifunctional display. Automatic HTML5 integration and a pop-up of the WhisperCare icon are completed in just a few seconds.



Smart features:

1. **An easy-to-understand presentation of all system information**
2. **Automated generator run requests**
3. **Summarized input and output power data from all chargers in a system**
4. **Full control and details of all WhisperPower equipment**
5. **Customizable day and night profiles**
6. **Advanced alerts, alarms and notifications**

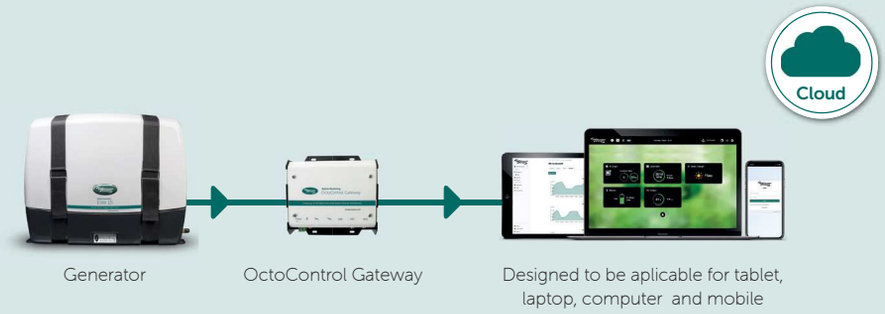
Real time monitoring
Detailed real time information, both on system level and on single device level.

Historical trend data
Gain insight into the usage and performance of your WhisperPower system over time with historical analytics. This invaluable data can be used for diagnostics and proactive maintenance, ensuring optimal performance over the long-term.

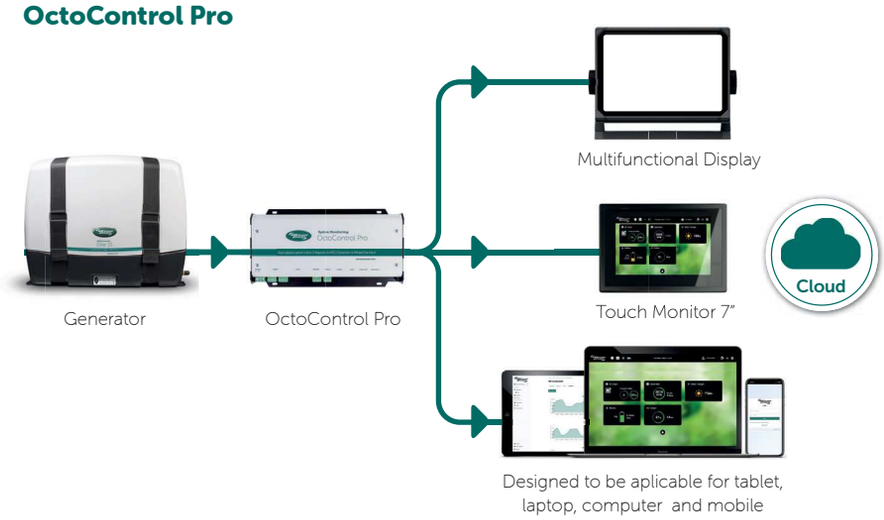
Fleet Management
Monitor the performance of all your WhisperPower systems in one comprehensive view, either on a map or in an organized list. Easily keep track of advanced alerts, alarms, and notifications to ensure that your systems are running optimally.

Remote control
Monitor and control your system real time, from everywhere.

OctoControl Gateway



OctoControl Pro



	OCTOCONTROL GATEWAY	OCTOCONTROL PRO
	60208010	60208025
GENERAL SPECIFICATIONS		
Input voltage	8-32 V	8-32 V
System communication	WhisperConnect	WhisperConnect, DDC bus, CANopen, NMEA2000*), RS485 Modbus*)
System support	Up to 3 WhisperPower devices	Complete WhisperPower systems
Cloud integration	Yes	Yes
Cloud connection	Builtin 4G	Builtin 4G*), Ethernet
WhisperTouch Monitor support	No	Yes
WhisperTouch Monitor connection	N.A.	HDMI, USB
MFD integration	No	Yes
MFD brands supported	N.A.	Raymarine, Garmin, Simrad, B&G, Furuno*)
MFD connection	N.A.	Ethernet

*) Prepared

Important Optional Accesoires:



WhisperCare 2.0 Router
Art. Nr. 60116065



Touch Monitor 7"
Art. Nr. 40280115



Touch Monitor 10"
Art. Nr. 40280116

Elite Genverter© Range 2 | 3 cylinder

Compact versions for indoor use

Following the world wide success of the Scalino 4, 1 cylinder Genverter© variable speed generator, we have extended our Genverter range to power ratings up to 18 kVA. Perfect in size and weight, super silent and virtually vibration free. All models from 8 kVA can be connected for parallel use to double the power.



Indoor

Compact, silent and light weight

- Modern, low emission diesel engine
- Emission level: Stage V, EPA, Tier 4 as standard
- Compact, super noise-damping polyester sound guard
- Available power ratings 6, 8, 10, 12 15 and 18 kVA
- 230 VAC | 50 Hz or 120 VAC | 60 Hz

Extremely energy efficient

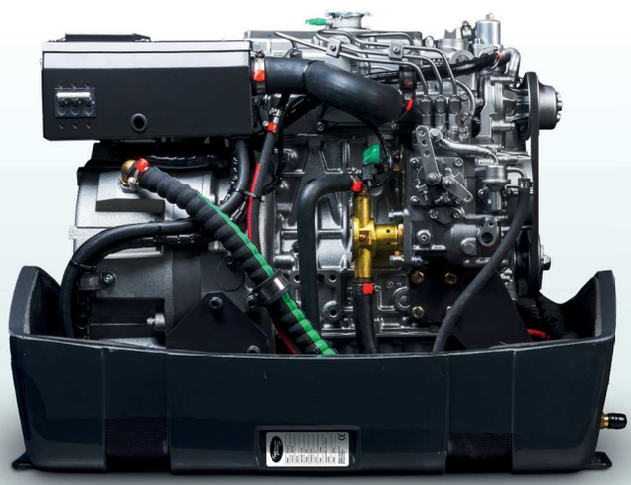
- Efficiency of 96% instead of 75% (traditional systems)
- Lower fuel costs
- Rotating speed can be set to load demand
- External PMG inverter providing the perfect sine wave
- Maximum stability of the Hz at load/ no load and rpm variations

Choose from AC or DC variations

- AC single phase with PMG inverter
- 24 or 48 VDC versions up to 450 A
- Charge power perfect for lithium batteries
- DC system includes land to system charging
- Charge power from 4.3 kW - 15 kW (See page 26).

STAGE V certified

HVO ready

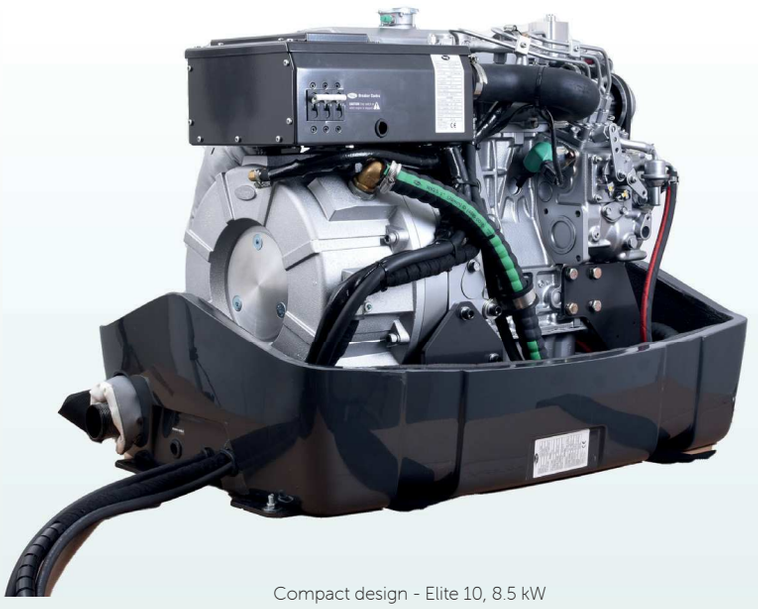




Supplied as standard with a DDC panel and a DDC connection box



5, 7 or 10 inch Touch control panel with extended information and remote access (optional)



Compact design - Elite 10, 8.5 kW

Essential Remote Communication
WhisperConnect for linking with other devices and USB interface for eventual uploads. Analogue remote controls and cables supplied as standard, digital Touch panels are optional.

Low emission, water cooled engine
Only the best 2, 3 and 4 cylinder engines are applied: long lasting, reliable, silent engines, complying with EPA /Tier 4 (USA standard) and Stage V (European standard). The engine and liquid cooled alternator are connected into one cooling circuit and kept on a constant temperature via the radiator fan.

Optimal sound and vibration control
A robust polyester sound guard, optimal tuning of rpm vs power rating and effective engine mounting inside the enclosure result in a audible noise level of less than 55 dBA and virtually no vibration. No extra vibration mounts needed!

Perfect power
WhisperPower's PMG inverter incorporates two main functions: this robust, electronic device converts the generated power (input) into a pure sine wave with fixed frequency (Hz output). The rotating speed is adjustable from 2000 to 2800 rpm, select the rotating speed for the needed power. The PMG power inverter is also the power management device, offering full read-out via WhisperConnect to the Touch panel. Voltage and frequencies can be selected.

Works with any electrical appliance
The combination of a perfect sine wave with the lowest distortion and a precise and constant frequency enables any AC electrical device to operate smoothly. A/C's, cooking hobs, compressors, heavy duty tools, computer installations, sound installations, this will all work perfectly.



PMG Inverter

One-stop-shop
We provide complete installation kits ensuring a qualified, long lasting installation. These include radiator cooling and exhaust kits, battery starting kits and fuel supply systems.



Radiator cooling kit



Universal fuel kit



Dry exhaust kit



Starter battery installation kit

General Overview Genverters

Elite Adjustable



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		ELITE 8		ELITE 10		
Dry exhaust 230 VAC | 50 Hz →		49005420		49009420		
Dry exhaust 120 VAC | 60 Hz →		49005425		49009425		
MAIN SPECIFICATIONS		230 VAC 50 Hz	120 VAC 60 Hz	230 VAC 50 Hz	120/240 VAC 60 Hz	
Intermittent Power kW at 25°C (77°F)		6.4 kW	6 kW	8.5 kW		
Continuous Power kVA at 25°C (77°F)		8 kVA	6 kVA	10 kVA		
Continuous Power kW at 25°C (77°F)		6 kW	6 kW	8 kW		
Noise level		51 dB(A) at 7 m, 60 dB(A) at 1 m		51 dB(A) at 7 m, 60 dB(A) at 1 m		
RPM range		2400 - 2800 rpm, adjustable		2400 - 2800 rpm, adjustable		
Alternator technology		Permanent Magnet		Permanent Magnet		
Generator cooling		Liquid cooled		Liquid cooled		
Generator control		DDC		DDC		
Control Panel		DDC Local + DDC Remote		DDC Local + DDC Remote		
Inverter Module PMG Frame		Frame 2		Frame 2	Frame 3	
Phase/wire		1 phase, 3 wires		1 phase, 3 wires	split phase, 4 wires	
Peak power 200 msec		200%		200%		
Harmonic distortion		< 3%		< 3%		
Frequency tolerance		± 0.1%		± 0.1%		
DIESEL ENGINE SPECIFICATIONS						
Engine		Kubota Z482 EPA + Stage V + Tier 4		Kubota D722 EPA + Stage V + Tier 4		
Displacement		479 cc 29.2 cu. In.		719 cc 43.9 cu. In.		
Cylinders		2		3		
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7		
Compression ratio		23.5		23.5		
Air consumption	m^3/min : ft^3 / min :	< 0.95 < 33.5		< 1.22 < 43.1		
Cooling system		Radiator		Radiator		
Fuel consumption (no load - full load)		275 g/kWh		275 g/kWh		
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 40 A		
DIMENSIONS & WEIGHT						
Dimensions (cabinet) (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5		740 x 550 x 620 29.1 x 21.7 x 24.4		
Dry weight (cabinet)		154 kg 339.5 lb.		175 kg 385.8 lb.		
Exhaust type		Ø 40 mm, wet Ø 1.6 In., wet		Ø 40 mm, wet Ø 1.6 In., wet		
Max. operating angle		25º in all directions		25º in all directions		
OPTIONAL						
		2nd start/stop panel, Touch panel 7"		2nd start/stop panel, Touch panel 7"		


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	ELITE 12		ELITE 15		ELITE 18	
	49006420		49007020		49008020	
	49006425		49007025		49008025	
	230 VAC 50 Hz	120/240 VAC 60 Hz	230 VAC 50 Hz	120/240 VAC 60 Hz	230 VAC 50 Hz	120/240 VAC 60 Hz
	9.6 kW	10 kW	12.5 kW		15 kW	
	10 kVA	12 kVA	15 kVA		18 kVA	
	9 kW	9.6 kW	12 kW		15kW	
	54 dB(A) at 7 m, 65 dB(A) at 1 m		54 dB(A) at 7 m, 65 dB(A) at 1 m		57 dB(A) at 7 m, 73 dB(A) at 1 m	
	2200 - 3600 rpm, adjustable		2200 - 3200 rpm, adjustable		2000 - 2600 rpm, adjustable	
	Permanent Magnet		Permanent Magnet		Permanent Magnet	
	Liquid cooled		Liquid cooled		Liquid cooled	
	DDC		DDC		DDC	
	DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote	
	Frame 2	Frame 3	Frame 3		Frame 3	
	1 phase, 3 wires	split phase, 4 wires	1 phase, 3 wires	split phase, 4 wires	3 phase, 3 wires	split phase, 4 wires
	200%		200%		200%	
	< 3%		< 3%		< 3%	
	± 0.1%		± 0.1%		± 0.1%	
	Kubota D722 EPA + Stage V + Tier 4		Kubota D1105 EPA + Stage V + Tier 4		Kubota V1505 EPA + Stage V + Tier 4	
	719 cc 43.9 cu. In.		1.123 cc 68.5 cu. In.		1.489 cc 90.9 cu. In.	
	3		3		4	
	67 x 68 2.6 x 2.7		78 x 78.4 mm 3 x 3.1		78 x 78.4 3 x 3.1	
	23.5		24.0		24.0	
	< 1.22 < 43.1		< 1.47 < 51.6		< 2.45 < 86.5	
	Radiator		Radiator		Radiator	
	275 g/kWh		275 g/kWh		275 g/kWh	
	Alternator 12 VDC | 40 A		Alternator 12 VDC | 40 A		Alternator 12 VDC | 40 A	
	740 x 550 x 620 29.1 x 21.7 x 24.4		880 x 570 x 690 34.6 x 22.4 x 27.2		990 x 560 x 705 39 x 22 x 27.8	
	175 kg 385.8 lb.		210 kg 463 lb.		230 kg 507.1 lb	
	Ø 40 mm, wet Ø 1.6 In., wet		Ø 40 mm, wet Ø 1.6 In., wet		Ø 40 mm , wet Ø 1.6 In., wet	
	25º in all directions		25º in all directions		25º in all directions	
	2nd start/stop panel, Touch panel 7"		2nd start/stop panel, Touch panel 7"		2nd start/stop panel, Touch panel 7"	

Mobile Generator

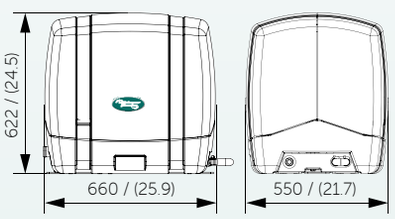
Elite 8



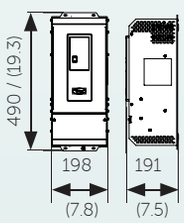
Available as:

230 VAC | 8 kVA | 6.4 kW | 50 Hz
120 VAC | 6 kVA | 6 kW | 60 Hz

Dimensions Elite 8



PMG included (Frame 2)



DDC remote control panel





120 VAC | 60 Hz Art. Nr. 49005425
230 VAC | 50 Hz Art. Nr. 49005420

	ELITE 8	
	Genverter based on Kubota Z482	
	230 VAC	120 VAC
Intermittent Power kW at 25°C (77°F)	6.4 kW	6 kW
Continuous Power kVA at 25°C (77°F)	8 kVA	6 kVA
Continuous Power kW at 25°C (77°F)	6 kW	6 kW
Peak power 200 msec	200%	
Low rpm setpoint	1800 rpm	
Max rpm setpoint	3200 rpm	
Nominal rpm	2400 - 2800 rpm	
Noise level	51 dB(A) at 7 m 60 dB(A) at 1 m	
Cooling	Single radiator	
Exhaust	Dry type, 1" BSP	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 Ah	
Standard supplies	Digital remote panel (15 m cable), fuel filter, fuel lift pump, user and installation manuals	
Available options	Installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota Z482	
Emissions Regulation	Stage V, Tier 4, EPA	
Engine performance intermittent (SAE J1349)	9.32 kW at 3600 rpm	
Engine performance continuous (SAE J1349)	8.05 kW at 3600 rpm	
Number of cylinders	2	
Displacement	479 cc / 29.2 cu. In.	
Bore & stroke	67 x 68 mm / 2.6 x 2.7 In.	
Air intake system	Naturally aspirated	
Air consumption	< 0.95 m^3/min (< 33.5 ft^3/min)	
Fuel oil	Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load	275 g/kWh	
Engine cooling	Indirect water cooled	
Nominal operation voltage	12 VDC	
Alternator	12.5 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Monitoring and control	Digital Diesel Control	
Protections	Oil temperature and pressure, coolant temperature	
Local control	Start/stop & maintenance	
Service interval oil change	200 h	
Oil capacity	Approx. 2.1 l	
Lubricant	At least CF	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Dimensions Cabinet (W x D x H) mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5	
Dimensions PMG (W x D x H mm : In. :	198 x 191 x 490 7.8 x 7.5 x 19.3	
Dry weight (cabinet + PMG) kg : lb. :	154 + 9.9 339.5 + 21.8	
Color	RAL9010 signal white, RAL9020 metallic black	



Top-Cool radiator
Art. Nr. 40230670



Kit radiator
Art. Nr. 40201879



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 8	
Article number	**Definition**	
40230670	Option 1: Top-Cool radiator	roof installation
40201879	Option 2: Kit radiator	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC | 80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR ELITE 8		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	2 containers required
40401760	A-kit maintenance parts		
40401761	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401761

Mobile Generator

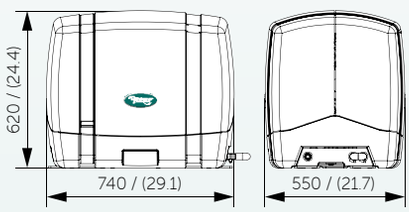
Elite 10



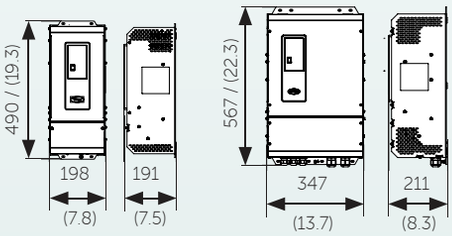
Available as:

230 VAC | 10 kVA | 8.5 kW | 50 Hz
120/240 VAC | 10 kVA | 8.5 kW | 60 Hz

Dimensions Elite 10



PMG included (Frame 2 or 3)



Frame 2 for
230 VAC | 50 Hz

Frame 3 for
120/240 VAC | 60 Hz

DDC remote control panel





120-240 VAC | 60 Hz Art. Nr. 49009425
230 VAC | 50 Hz Art. Nr. 49009420

	ELITE 10	
	Genverter based on Kubota D722	
	230 VAC	120/240 VAC
Intermittent Power kW at 25°C (77°F)	8.5 kW	
Continuous Power kVA at 25°C (77°F)	10 kVA	
Continuous Power kW at 25°C (77°F)	8 kW	
Peak power 200 msec	200%	
Low rpm setpoint	1800 rpm	
Max rpm setpoint	3200 rpm	
Nominal rpm	2400 - 2800 rpm	
Noise level	51 dB(A) at 7 m 60 dB(A) at 1 m	
Cooling	Single radiator	
Exhaust	Dry type, 1" BSP	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 Ah	
Standard supplies	Digital remote panel (15 m cable), fuel filter, fuel lift pump, user and installation manuals	
Available options	Installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D722	
Emissions Regulation	Stage V, Tier 4, EPA	
Engine performance intermittent (SAE J1349)	14 kW at 3600 rpm	
Engine performance continuous (SAE J1349)	12.15 kW at 3600 rpm	
Number of cylinders	3	
Displacement	719 cc / 43.9 cu. In.	
Bore & stroke	67 x 68 mm / 2.6 x 2.7 In.	
Air intake system	Naturally aspirated	
Air consumption	< 1.22 m^3/min (< 43.1 ft^3/min)	
Fuel oil	Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load	275 g/kWh	
Engine cooling	Indirect water cooled	
Nominal operation voltage	12 VDC	
Alternator	12.5 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Monitoring and control	Digital Diesel Control	
Protections	Oil temperature and pressure, coolant temperature	
Local control	Start/stop & maintenance	
Service interval oil change	200 h	
Oil capacity	Approx. 3.2 l	
Lubricant	At least CF	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Dimensions Cabinet (W x D x H) mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4	
Dimensions PMG (W x D x H mm : In. :	198 x 191 x 490 7.8 x 7.5 x 19.3	347 x 211 x 567 13.7 x 8.3 x 22.3
Dry weight (cabinet + PMG) kg : lb. :	175 + 9.9 385.8 + 21.8	175 + 30 385.8 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black	



Top-Cool radiator
Art. Nr. 40230670



Kit radiator
Art. Nr. 40201864



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 10	
Article number	**Definition**	
40230670	Option 1: Top-Cool radiator	roof installation
40201864	Option 2: Kit radiator	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE 10		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	2 containers required
40401760	A-kit maintenance parts		
40401762	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401762

Mobile Generator

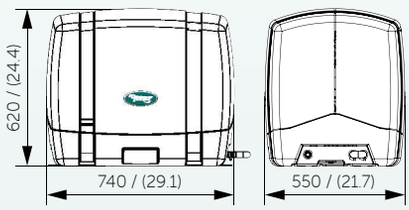
Elite 12



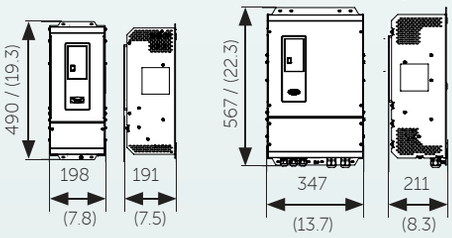
Available as:

230 VAC | 10 kVA | 9.6 kW | 50/60 Hz
120/240 VAC | 10 kVA | 9.6 kW | 60 Hz

Dimensions Elite 12



PMG included (Frame 2 or 3)



Frame 2 for 230 VAC | 50 Hz

Frame 3 for 120/240 VAC | 60 Hz

DDC remote control panel





230 VAC | 50 Hz Art. Nr. 49006420
120/240 VAC | 60 Hz Art. Nr. 49006425

	ELITE 12	
	Genverter based on Kubota D722	
	230 VAC	120/240 VAC
Intermittent Power kW at 25°C (77°F)	9.6 kW	9.6 kW
Continuous Power kVA at 25°C (77°F)	10 kVA	10 kVA
Continuous Power kW at 25°C (77°F)	9 kW	9 kW
Peak power 200 msec	200%	
Low rpm setpoint	2400 rpm	
Max rpm setpoint	3600 rpm	
Nominal rpm	2200 - 3600 rpm	
Noise level	54 dB(A) at 7 m 65 dB(A) at 1 m	
Cooling	Single radiator	
Exhaust	Dry type, 1" BSP	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 Ah	
Standard supplies	Digital remote panel (15 m cable), fuel filter, fuel lift pump, user and installation manuals	
Available options	Installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D722	
Emissions Regulation	Stage V, Tier 4, EPA	
Engine performance intermittent (SAE J1349)	14 kW at 3600 rpm	
Engine performance continuous (SAE J1349)	12.15 kW at 3600 rpm	
Number of cylinders	3	
Displacement	719 cc / 43.9 cu. In.	
Bore & stroke	67 x 68 mm / 2.6 x 2.7 In.	
Air intake system	Naturally aspirated	
Air consumption	< 1.22 m^3/min (< 43.1 ft^3/min)	
Fuel oil	Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load	275 g/kWh	
Engine cooling	Indirect water cooled	
Nominal operation voltage	12 VDC	
Alternator	12.5 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Monitoring and control	Digital Diesel Control	
Protections	Oil temperature and pressure, coolant temperature	
Local control	Start/stop & maintenance	
Service interval oil change	200 h	
Oil capacity	Approx. 3.2 l	
Lubricant	At least CF	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Dimensions Cabinet (W x D x H) mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4	
Dimensions PMG (W x D x H mm : In. :	198 x 191 x 490 7.8 x 7.5 x 19.3	347 x 211 x 567 13.7 x 8.3 x 22.3
Dry weight (cabinet + PMG) kg : lb. :	175 + 9.9 385.8 + 21.8	175 + 30 385.8 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black	



Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201877



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 12	
Article number	**Definition**	
40230672	Option 1: Top-Cool radiator	roof installation
40201877	Option 2: Kit radiator	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE 12			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	3 containers required
40401760	A-kit maintenance parts			
40401762	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401762

Mobile Generator

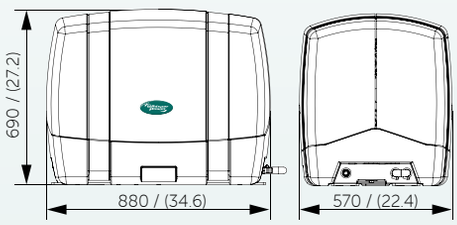
Elite 15



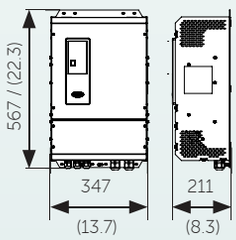
Available as:

230 VAC | 15 kVA | 12.5 kW | 50/60 Hz
120/240 VAC | 15 kVA | 12.5 kW | 60 Hz

Dimensions Elite 15



PMG included (Frame 3)



DDC remote control panel





230 VAC | 50 Hz Art. Nr. 49007020
120/240 VAC | 60 Hz Art. Nr. 49007025

	ELITE 15	
	Genverter based on Kubota D1105	
	230 VAC	120/240 VAC
Intermittent Power kW at 25°C (77°F)	12.5 kW	
Continuous Power kVA at 25°C (77°F)	15 kVA	
Continuous Power kW at 25°C (77°F)	12 kW	
Peak power 200 msec	200%	
Low rpm setpoint	1500 rpm	
Max rpm setpoint	3000 rpm	
Nominal rpm	2000 - 3200 rpm	
Noise level	54 dB(A) at 7 m 65 dB(A) at 1 m	
Cooling	Single radiator	
Exhaust	Dry type, 1½" BSP	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 90 Ah	
Standard supplies	Digital remote panel (15 m cable), fuel filter, fuel lift pump, user and installation manuals	
Available options	Installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D1105	
Emissions Regulation	Stage V, Tier 4, EPA	
Engine performance intermittent (SAE J1349)	18.7 kW at 3000 rpm	
Engine performance continuous (SAE J1349)	16.4 kW at 3000 rpm	
Number of cylinders	3	
Displacement	1.123 cc / 68.5 cu. In.	
Bore & stroke	78 x 78.4 mm / 3.0 x 3.1 In.	
Air intake system	Naturally aspirated	
Air consumption	1.46 m^3/min / 51.9 ft^3/min	
Fuel oil	Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load	275 g/kWh	
Engine cooling	Indirect water cooled	
Nominal operation voltage	12 VDC	
Alternator	12.5 A	
Operating principle	Energize to run	
Starter power requirement	1.0 kW	
Monitoring and control	Digital Diesel Control	
Protections	Oil temperature and pressure, coolant temperature	
Local control	Start/stop & maintenance	
Service interval oil change	200 h	
Oil capacity	Approx. 4.0 l	
Lubricant	At least CF	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Dimensions Cabinet (W x D x H) mm : In. :	880 x 570 x 690 34.6 x 22.4 x 27.2	
Dimensions PMG (W x D x H mm : In. :	347 x 211 x 567 13.7 x 8.3 x 22.3	
Dry weight (cabinet + PMG) kg : lb. :	210 + 20 463 + 44.1	210 + 30 463 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black	



Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201872



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 15	
Article number	**Definition**	
40230672	Option 1: Top-Cool radiator	roof installation
40201872	Option 2: Kit radiator	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE 15		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+, 4 liters	3 containers required
40401660	A-kit maintenance parts		
40401661	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401660



B-kit maintenance parts
Art. Nr. 40401661

Mobile Generator

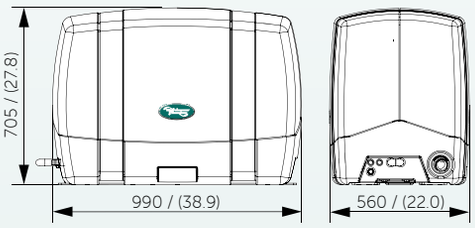
Elite 18



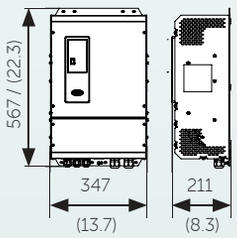
Available as:

230 VAC | 18 kVA | 15 kW | 50/60 Hz
120/240 VAC | 18 kVA | 15 kW | 60 Hz

Dimensions Elite 18



PMG included (Frame 3)



DDC remote control panel





230 VAC | 50 Hz Art. Nr. 49008020
120/240 VAC | 60 Hz Art. Nr. 49008025

NEW! NEW WHISPERPOWER PRODUCT

	ELITE 18
	Genverter based on Kubota V1505
System output	18 kVA / 15 kW
Peak power 200m sec	200%
RPM range	2000 - 2600 rpm
Low rpm set point	1500 rpm
Max rpm set point	3000 rpm
Typical rpm	2000 - 2400 rpm
Noise level	57 dB(A) at 7 m / 73 dB(A) at 1 m
Cooling	Indirect liquid cooling
Exhaust	Dry type, 1½'' BSP
Speed governor	Mechanical
Starter battery capacity	12 VDC | 90 Ah
Standard supplies	fuel filter, fuel lift pump, user and installation manuals (models featuring DDC: digital remote panel, 10 m cable)
Available options	Installation kits, non-earth return (ungrounded), spare part kit, longer or shorter DDC cables
ENGINE	
Engine model	Kubota V1505
Emission Regulation	Stage V, Tier 4, EPA
Engine performance intermittent SAE J1349	18.5 kW at 2300 rpm
Engine performance continuous SAE J1349	16.5 kW at 2300 rpm
Number of cylinders	4
Displacement	1.489 cc / 90.9 cu. In.
Bore & stroke	78 x 78.4 mm / 3 x 3.1 In.
Air intake system	Naturally aspirated
Air consumption	2.45 m^3/min / 86.5 ft^3/min
Fuel oil	Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption at full load	275 g/kWh
Engine cooling	Indirect water cooled
Alternator	12.5 A
Operating principle	Energize to run
Starter power requirement	1.0 kW
Nominal operation voltage	12 VDC
Monitoring and control	Digital Diesel Control
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]
Local control	Start/stop & maintenance
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 4.0 l

DIMENSIONS & WEIGHT		230 VAC	120/240 VAC
Dimensions Cabinet (W x D x H)	mm : In. :	990 x 560 x 705 39 x 22 x 27.8	
Dimensions PMG (W x D x H)	mm : In. :	347 x 211 x 567 13.7 x 8.3 x 22.3	
Dry weight (cabinet + PMG)	kg : lb. :	230 + 20 507.1 + 44.1	230 + 30 507.1 + 66.1
Color		RAL9010 signal white, RAL9020 metallic black	



Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201872



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 18	
Article number	**Definition**	
40230672	Option 1: Top-Cool radiator	roof installation
40201872	Option 2: Kit radiator	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE 18		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+, 4 liters	3 containers required
40401660	A-kit maintenance parts		
40401661	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401660



B-kit maintenance parts
Art. Nr. 40401661

Elite Genverter©

Double the power, reduce fuel and maintenance costs

A complete range of compact, adjustable speed single phase AC diesel generators based on inverter technology, our new Twin-Power range. The upgraded Genverter range can now be delivered with parallel connectivity which is adding just a fraction to the price but offering huge advantages.



1+1=3
more benefits than just two Generators

Important system benefits

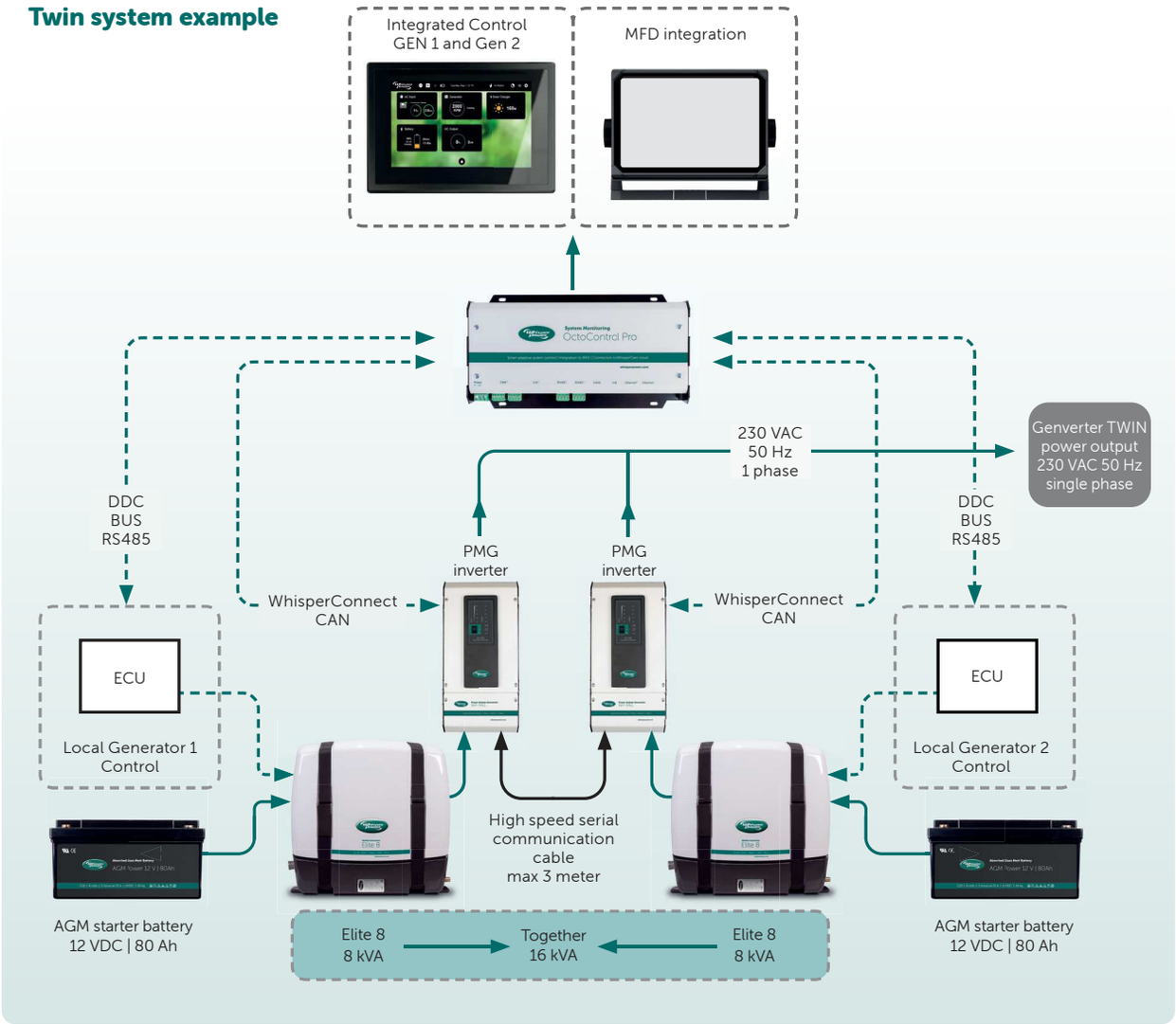
Traditional fixed speed generators are chosen in general in oversize, based on the peak load power requirements. This often means they are oversized for their normal operation running load. With the Twin-Power solution, the AC appliances are powered by one or two engines. As a result of our Genverter variable speed inverter technology, the engines are running in their most fuel efficient operation area which results in the following benefits:

1. **Double the power, if needed, for example day time (high A/C consumption)**
2. **Reduce the power during the night, switch back to one running engine**
3. **Optimized voltage & frequency stabilization ensures excellent power quality**
4. **Optimized noise level and vibration level is guaranteed**
5. **Engines are running cleaner with less fuel consumption**
6. **Compact Genverter technology offering substantial space saving**
7. **New emission level Stage V compliant also in higher kVA range (30 kVA/24 kW)**
8. **Redundancy, always one power source for spare**

Cost saving and redundant

This Twin-Power concept is offering at least 25% of fuel saving compared with traditional 1500/1800 RPM generators, as the units will follow the required AC power consumption pattern (low mode, high mode).
Traditional power generator systems are in general oversized in order to be able to deliver the peak of power consumption which on average general has a short duration.
By installing two Genverter generators in parallel, one unit can be switched off during low power consumption periods. Very important advantage of the power solution is the redundancy of power sources offered by this solution.

Twin system example



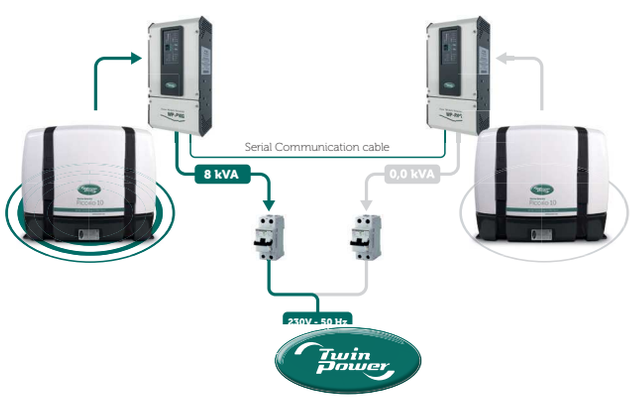
Easy to install & configure

Our Twin-Power® solution allows you to parallel two WhisperPower Genverter generators with a single high speed communication wire. No extra boxes with oversized switch gear are needed, or other costly add-ons. Just install two generators instead of one traditional product and connect the PMG inverters plus the AC outputs to double the AC Power.

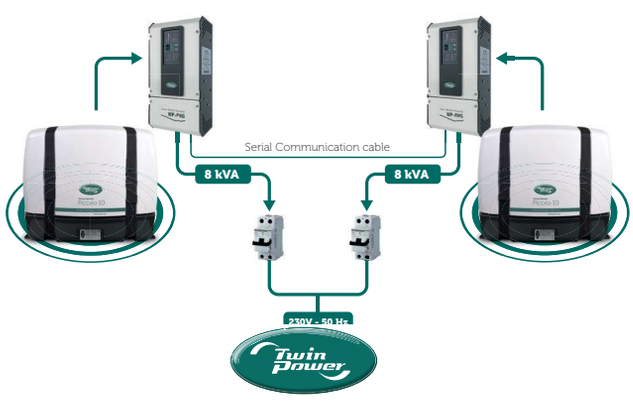
Some more about running generators in parallel

As said, paralleling our Genverter generators can be done simply by connecting two Genverters of the same size together to provide two times the nominal power but also two times the peak power.

There are several reasons why boat owners should not "just buy a larger generator." The most common problem of oversized generators is the negative effect on the diesel engine which starts to pollute, smoke, delivers soot and in the end will show glazing effect of the cylinders. Apart from the fact our Genverter generators are more fuel efficient and significantly quieter than a comparable sized 1500/1800 rpm generator, they run at the right rpm at any time and can operate even in eco mode.



8 kVA



16 kVA

Elite Twin Indoor
Twin Range





		ELITE TWIN 8+8		ELITE TWIN 10+10		
50 Hz/60 Hz | Twin →		49005080		49009080		
MAIN SPECIFICATIONS		Single mode	Twin mode	Single mode	Twin mode	
Intermittent Power kW at 25°C (77°F)		6.4 kW	12.8 kW	8.5 kW	17 kW	
Continuous Power kVA at 25°C (77°F)		8 kVA	16 kVA	10 kVA	20 kVA	
Continuous Power kW at 25°C (77°F)		6 kW	12 kW	8 kW	16 kW	
Noise level		51 dB(A) at 7 m 60 dB(A) at 1 m		51 dB(A) at 7 m 60 dB(A) at 1 m		
RPM range, adjustable		2400 - 2800 rpm		2400 - 2800 rpm		
Alternator technology		Permanent Magnet		Permanent Magnet		
Generator cooling		Liquid cooled		Liquid cooled		
Generator control		DDC (2pcs)		DDC (2pcs)		
Control Panel		DDC Local + DDC Remote		DDC Local + DDC Remote		
Inverter Module PMG		PMG frame 2 (2pcs)		PMG frame 2 (2pcs)		
Twin Power Communication Cable		Max. 3 meters		Max. 3 meters		
Nominal voltage / frequency		230 VAC | 50/60 Hz		230 VAC | 50/60 Hz		
Phase/wire		1 Phase / 3 wire		1 Phase / 3 wire		
Peak power 2 s		200%		200%		
Harmonic distortion		< 3%		< 3%		
Frequency tolerance		± 0.1%		± 0.1%		
DIESEL ENGINE SPECIFICATIONS						
Engine		WhisperPower Kubota Z482		WhisperPower Kubota D722		
Displacement		479 cc / 29.3 cu. In.		719 cc / 43.8 cu. In.		
Cylinders		2		3		
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7		
Compression ratio		23.5		23.5		
Air consumption	m^3/min : ft^3/min :	< 0.63 (per unit) < 22.2 (per unit)		< 0.94 (per unit) < 33.2 (per unit)		
Cooling system		Heat exchanger		Heat exchanger		
Fuel consumption (no load - full load)		1.7-2.5 l/hr (per unit)		2.6-3.8 l/hr (per unit)		
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 12.5 A		
DIMENSIONS & WEIGHT						
Dimensions (cabinet) (W x D x H)	mm : In. :	660 x 550 x 622 /each 26 x 21.7 x 24.5 /each		740 x 550 x 620 /each 29.1 x 21.7 x 24.4 /each		
Dimensions (PMG) (W x D x H)	mm : In. :	198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each		198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each		
Dry weight (cabinet + PMG)	kg : lb. :	155 + 9.9 /each 341.7 + 21.8 /each		175 + 9.9 /each 385.8 + 21.8 /each.		
Exhaust type	mm : In. :	Ø 40, wet Ø 1.6, wet		Ø 40, wet Ø 1.6, wet		
Max. operating angle		25º in all directions		25º in all directions		
OPTIONAL						
Optional 1		2nd start/stop panel WhisperTouch full color panel 7" (2pcs)		2nd start/stop panel WhisperTouch full color panel 7" (2pcs)		





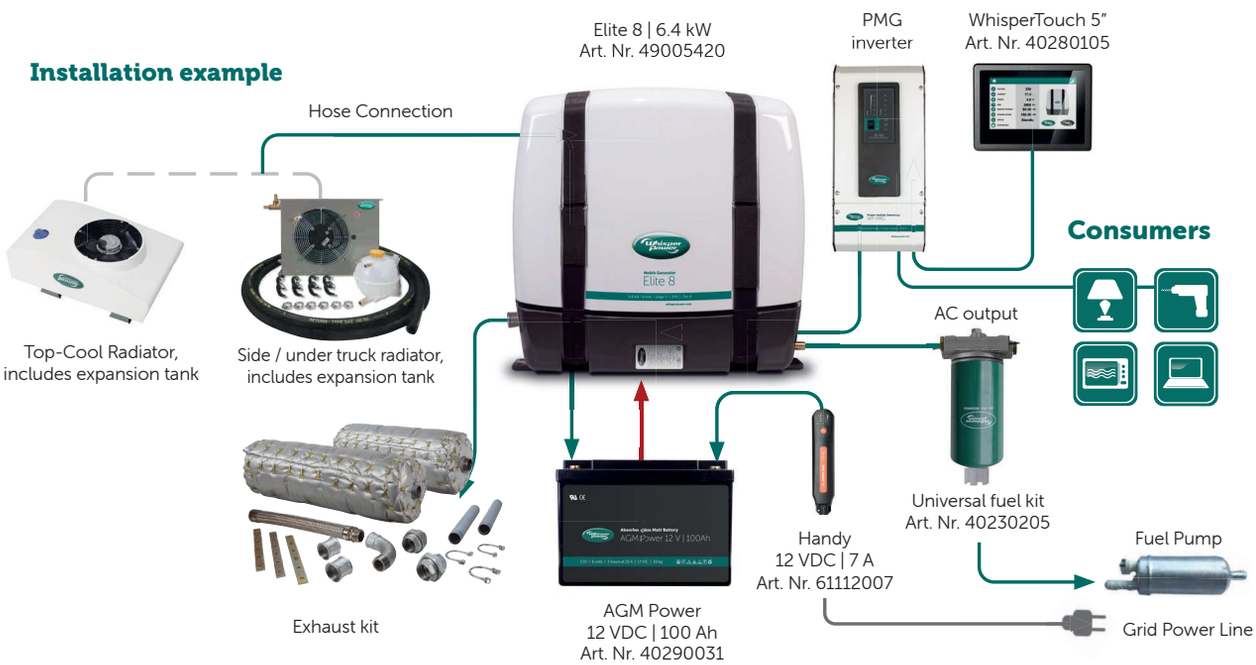
	ELITE TWIN 12+12		ELITE TWIN 15+15		ELITE TWIN 18+18	
	49006080		49007080		49008080	
	Single mode	Twin mode	Single mode	Twin mode	Single mode	Twin mode
	9.6 kW	19.2 kW	12.5 kW	25 kW	15 kW	30 kW
	10 kVA	20 kVA	15 kVA	30 kVA	18 kVA	36 kVA
	9 kW	18 kW	12 kW	24 kW	14.4 kW	28.8 kW
	54 dB(A) at 7 m 65 dB(A) at 1 m		54 dB(A) at 7 m 65 dB(A) at 1 m		57 dB(A) at 7 m 73 dB(A) at 1 m	
	2200 - 3600 rpm		2200 - 3600 rpm		2000 - 2400 rpm	
	Permanent Magnet		Permanent Magnet		Permanent Magnet	
	Liquid cooled		Liquid cooled		Air cooled	
	DDC (2pcs)		DDC (2pcs)		DDC (2pcs)	
	DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote	
	PMG frame 2 (2pcs)		PMG frame 3 (2pcs)		PMG frame 2 (2pcs)	
	Max. 3 meters		Max. 3 meters		Max. 3 meters	
	230 VAC | 50/60 Hz		230 VAC | 50/60 Hz		230 VAC | 50/60 Hz	
	1 Phase / 3 wire		1 Phase / 3 wire		1 Phase / 3 wire	
	200%		200%		200%	
	< 3%		< 3%		< 5%	
	± 0.1%		± 0.1%		± 0.1%	
	WhisperPower Kubota D722		WhisperPower Kubota D1105		WhisperPower Kubota V1505	
	719 cc / 43.8 cu. In.		1.123 cc / 68.5 cu. In.		1.489 cc / 90.9 cu. In.	
	3		3		4	
	67 x 68 2.6 x 2.7		78 x 78.4 3.0 x 3.1		78 x 78.4 3.0 x 3.1	
	23.5		24.0		24.0	
	< 0.94 (per unit) < 33.2 (per unit)		< 1.47 (per unit) < 51.9 (per unit)		< 1.47 (per unit) < 51.9 (per unit)	
	Heat exchanger		Heat exchanger		Heat exchanger	
	2.6-3.8 l/hr (per unit)		4.2-5.6 l/hr (per unit)		4.2-5.6 l/hr (per unit)	
	Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 40 A	
	880 x 570 x 690 /each 34.6 x 22.4 x 27.2 /each		880 x 570 x 690 /each 34.6 x 22.4 x 27.2 /each		990 x 560 x 705 /each 39 x 22 x 27.8 /each	
	347x 211 x 567 /each 13.7 x 8.3 x 22.3 /each		347x 211 x 567 /each 13.7 x 8.3 x 22.3 /each		347x 211 x 567 /each 13.7 x 8.3 x 22.3 /each	
	175 + 20 /each 385.8 + 44.1 /each		210 + 20 /each 463 + 44.1 /each		230 + 20 /each 507.1 + 44.1 /each	
	Ø 40, wet Ø 1.6, wet		Ø 40, wet Ø 1.6, wet		Ø 40, wet Ø 1.6, wet	
	25º in all directions		25º in all directions		25º in all directions	
	2nd start/stop panel WhisperTouch full color panel 7" (2pcs)		2nd start/stop panel WhisperTouch full color panel 7" (2pcs)		WhisperTouch color panel	

System explained

What a complete generator system looks like

This page provides an overview of all the essential installation equipment for a generator system. We recommend only using original WhisperPower parts. We provide installation kits for all of our generator models to facilitate installation. All products are high quality and specifically designed for the intended function.

Installation example



Summary

Elite Range - AC Output



Elite 8



Elite 10



Elite 12



Elite 15



Elite 18

WhisperPower

Powering Your Comfort

The WhisperPower generators are designed to work in the most difficult conditions. The generators shown in this brochure are also available as marine models, suitable for installation in boats. Ask for our marine generator catalogue for more information.

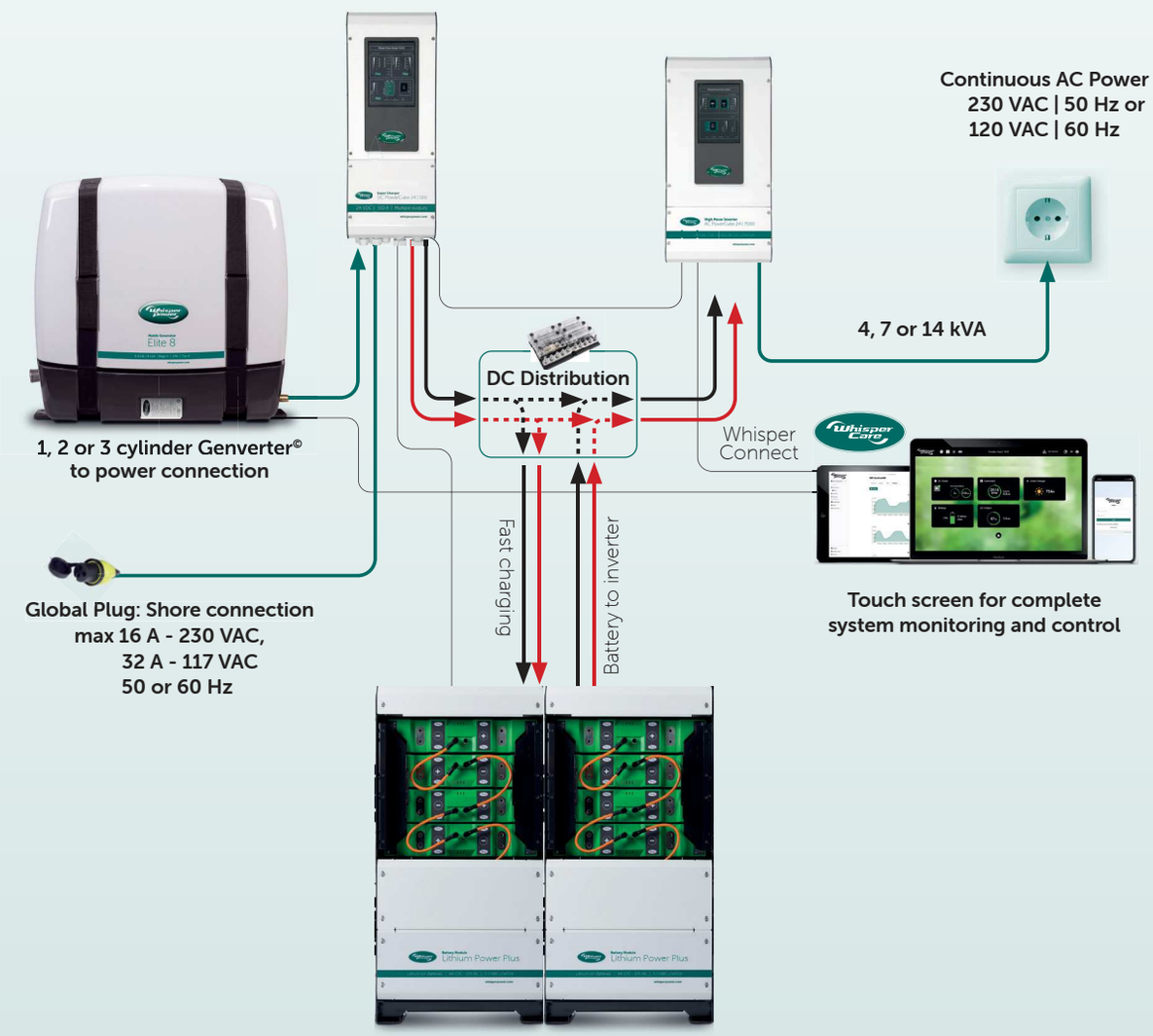


Elite Genverter©

DC generator / inverter system

For cases when a constant high power consumption isn't required, installing a Genverter© system with the DC PowerCube, combined with an AC PowerCube inverter, can prove to be a smart decision. The advantage of this system is that a non-stop AC power supply is always available. This is thanks to the 4, 7 or 14 kVA AC PowerCube inverter which is connected to one or multiple onboard batteries being charged by one or several DC PowerCubes.

Whenever the 24 VDC / 48 VDC batteries need to be recharged, the DC Genverter© starts up automatically. To recharge the batteries when the DC PowerCube is connected to the shore power, the various onboard batteries are charged with a maximum of 120 A (3.5 kW). Using the remote control panel, supplied as standard, the shore power can be set to the required ampere value (4,6,8,10,16 A).



General Overview Genverters

Elite DC use


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		ELITE GV 2	ELITE GV 3	ELITE GV 3 PLUS	ELITE GV 4
Genverter →		49001120	49001320	49001520	At request
MAIN SPECIFICATIONS					
Continuous Power kW at 25°C (77°F)		4.3 kW	8.6 kW	12 kW	12 kW
Number of DC PowerCubes		1	2	3	3
Nominal voltage		24/48 VDC	24/48 VDC	24/48 VDC	24/48 VDC
Charge characteristics		Bulk, absorption, float	Bulk, absorption, float	Bulk, absorption, float	Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m	54 dB(A) at 7m 65 dB(A) at 1 m	54 dB(A) at 7m 65 dB(A) at 1 m	54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		1500 - 3000 rpm, adjustable	1500 - 3000 rpm, adjustable	1500 - 2500 rpm, adjustable	2000 - 2600 rpm, adjustable
Alternator technology		Permanent Magnet	Permanent Magnet	Permanent Magnet	Permanent Magnet
Generator cooling		Liquid cooled	Liquid cooled	Liquid cooled	Liquid cooled
Generator control		DDC	DDC	DDC	DDC
Control Panel		DDC Local DDC Remote	DDC Local DDC Remote	DDC Local DDC Remote	DDC Local DDC Remote
DIESEL ENGINE SPECIFICATIONS					
Engine		Kubota Z482 EPA + Stage V	Kubota D722 EPA + Stage V	Kubota D1105 EPA + Stage V	Kubota V1505 EPA + Stage V
Displacement	cc : cu. In. :	479 29.2	719 43.9	1.123 68.5	1.489 90.9
Cylinders		2	3	3	4
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7	67 x 68 2.6 x 2.7	78 x 78.4 3.0 x 3.1	78 x 78.4 3.0 x 3.1
Compression ratio		23.5	23.5	24	24
Air consumption	m^3/min : ft^3 / min :	< 0.95 < 33.5	< 1.22 < 43.1	< 1.47 < 51.9	< 2.45 < 86.5
Cooling system		Radiator	Radiator	Radiator	Radiator
Fuel consumption (no load - full load)		1.2 - 2.5 l/hr	1.2 - 3.6 l/hr	1.5 - 5.6 l/hr	1.5 - 5.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A	Alternator 12 VDC | 12.5 A	Alternator 12 VDC | 12.5 A	Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT					
Dimensions (cabinet) (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5	740 x 550 x 620 29.1 x 21.7 x 24.4	880 x 570 x 690 34.6 x 22.4 x 27.2	990 x 560 x 705 34.6 x 22.4 x 27.2
Dry weight (cabinet)	kg : lb.:	154 339.5	175 385.8	210 463	230 507.1
Exhaust type		R 1 inch, dry	R 1 inch, dry	R 1.5 inch, dry	R 1.5 inch, dry
Max. operating angle		25º in all directions	25º in all directions	25º in all directions	25º in all directions
OPTIONAL					
Optional 1		2nd start/stop panel, Touch panel 7"	2nd start/stop panel, Touch panel 7"	2nd start/stop panel, Touch panel 7"	2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating

DC Mobile Generator

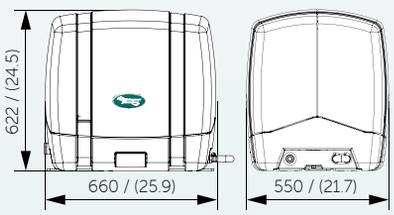
Elite GV 2



Available as:

24 VDC | 150 A
48 VDC | 80 A

Dimensions Elite GV 2



DDC remote control panel

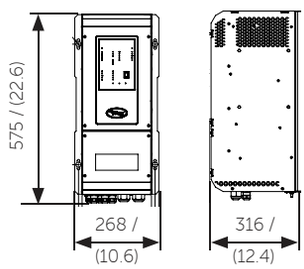




		ELITE GV 2
Genverter →		49001120
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power kW at 25°C (77°F)		4.3 kW
Number of DC PowerCubes		1
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		1500 - 3000 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota Z482 EPA + Stage V
Displacement	cc : cu. In. :	479 29.2
Cylinders		2
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7
Compression ratio		23.5
Air consumption	m^3/min : ft^3 / min :	< 0.95 < 33.5
Cooling system		Radiator
Fuel consumption (no load - full load)		1.2 - 2.5 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5
Dry weight (cabinet)	kg : lb.:	154 339.5
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating



Dimensions DC PowerCube





Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201869



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 2	
Article number	**Definition**	
40230671	Option 1: Top-Cool radiator	roof installation
40201869	Option 2: Kit radiator *)	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC | 80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR ELITE GV 2			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	2 containers required
40401760	A-kit maintenance parts			
40401761	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401761

DC Mobile Generator

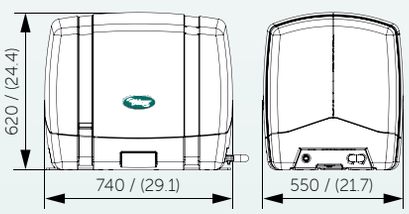
Elite GV 3



Available as:

24 VDC | 300 A
48 VDC | 160 A

Dimensions Elite GV 3



DDC remote control panel

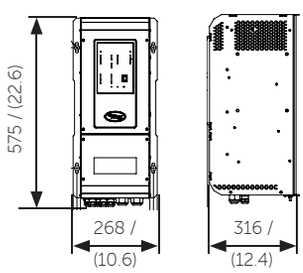




		ELITE GV 3
Genverter →		49001320
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power kW at 25°C (77°F)		8.6 kW
Number of DC PowerCubes		2
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		1500 - 3000 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota D722 EPA + Stage V
Displacement	cc : cu. In. :	719 43.9
Cylinders		3
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7
Compression ratio		23.5
Air consumption	m^3/min : ft^3 / min :	< 1.22 < 43.1
Cooling system		Radiator
Fuel consumption (no load - full load)		1.2 - 3.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4
Dry weight (cabinet)	kg : lb.:	175 385.8
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating



Dimensions DC PowerCube





Top-Cool radiator
Art. Nr. 40230671



Kit radiator
Art. Nr. 40201865



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 3	
Article number	**Definition**	
40230671	Option 1: Top-Cool radiator	roof installation
40201865	Option 2: Kit radiator *)	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC | 80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR ELITE GV 3		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	3 containers required
40401760	A-kit maintenance parts		
40401762	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401762

DC Mobile Generator

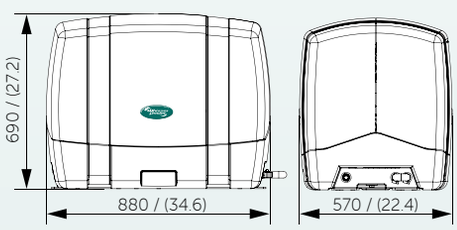
Elite GV 3 Plus



Available as:

24 VDC | 450 A
48 VDC | 240 A

Dimensions Elite GV 3 Plus



DDC remote control panel

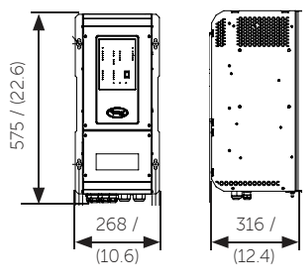




		ELITE GV 3 PLUS
Genverter →		49001520
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power kW at 25°C (77°F)		10 kW
Number of DC PowerCubes		3
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		1500 - 2500 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota D1105 EPA + Stage V
Displacement	cc : cu. In. :	1.123 68.5
Cylinders		3
Bore & stroke	mm : In. :	78 x 78.4 3.0 x 3.1
Compression ratio		24
Air consumption	m^3/min : ft^3 / min :	< 1.47 < 51.9
Cooling system		Radiator
Fuel consumption (no load - full load)		1.5 - 5.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	880 x 570 x 690 34.6 x 22.4 x 27.2
Dry weight (cabinet)	kg : lb.:	210 463
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1.5 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating

Dimensions DC PowerCube







Top-Cool radiator
Art. Nr. 40230676



Kit radiator
Art. Nr. 40201863



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 3 PLUS	
Article number	**Definition**	
40230676	Option 1: Top-Cool radiator	roof installation
40201863	Option 2: Kit radiator *)	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE GV 3 PLUS		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	3 containers required
40401660	A-kit maintenance parts		
40401661	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401660



B-kit maintenance parts
Art. Nr. 40401661

DC Mobile Generator

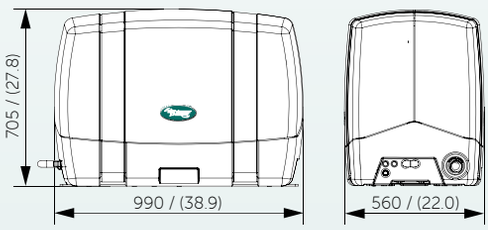
Elite GV 4



Available as:

24 VDC | 450 A
48 VDC | 240 A

Dimensions Elite GV 4



DDC remote control panel

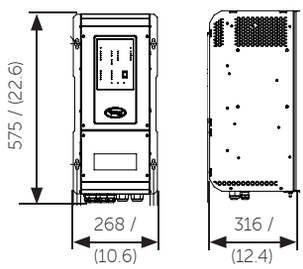




		ELITE GV 4
Genverter →		At request
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power kW at 25°C (77°F)		12 kW
Number of DC PowerCubes		3
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		2000 - 2600 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota V1505 EPA + Stage V
Displacement	cc : cu. In. :	1.123 68.5
Cylinders		4
Bore & stroke	mm : In. :	78 x 78.4 3.0 x 3.1
Compression ratio		24
Air consumption	m^3/min : ft^3 / min :	< 1.47 < 51.9
Cooling system		Radiator
Fuel consumption (no load - full load)		1.5 - 5.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	990 x 560 x 705 34.6 x 22.4 x 27.2
Dry weight (cabinet)	kg : lb.:	230 507.1
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1.5 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating

Dimensions DC PowerCube







Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201872



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 4	
Article number	**Definition**	
40230672	Option 1: Top-Cool radiator	roof installation
40201872	Option 2: Kit radiator	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE GV 4		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+, 4 liters	3 containers required
40401660	A-kit maintenance parts		
40401661	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401660



B-kit maintenance parts
Art. Nr. 40401661

230 VAC directly from the engine

AC BeltPower

If space restrictions make it difficult to install a WhisperPower generator but 230 VAC | 50 Hz AC power is needed, then our AC BeltPower might be the solution. The system consists of a compact alternator and inverter system which convert the alternator power in to pure 230 VAC | 50 Hz sine wave power. This can be used to operate small air conditioning units, tools, pumps etc. For practicality, why not also install the WPC inverter charger as an extension of the AC BeltPower system to charge the auxiliary battery and provide silent power after the engine has been switched off!

Features

- Extremely compact solution
- Alternator and inverter connected via Plug and Play cable harness
- Pure sine wave power output with high peak power
- Sufficient output even at low rpm
- WPC WhisperPower Center can run in parallel with AC BeltPower to provide even more powerful output
- Seamless switching from WPC inverter to AC BeltPower and vice versa
- Mounting brackets available subject to engine type. Ask your WhisperPower installer or engine supplier for more details

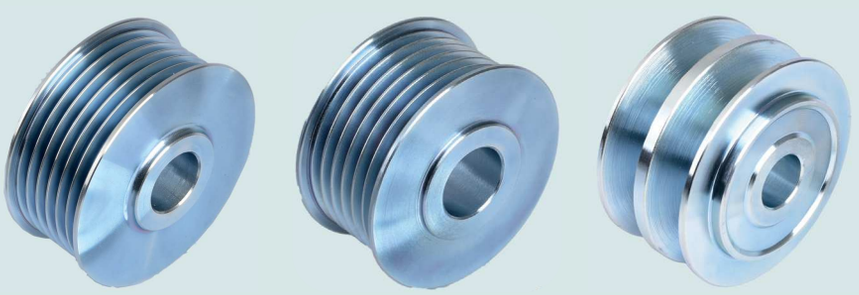
Benefits

- AC BeltPower eliminates need for small auxiliary generator
- Extra engine not required - one engine for everything: propulsion and electricity
- Pure sine wave power to operate all AC equipment
- Can be combined with WPC Combi / battery charger inverter



Standard pulleys and pulleys to specification

If required, WhisperPower can assist by selecting the correct pulley - there is a choice of a double or multi belt.



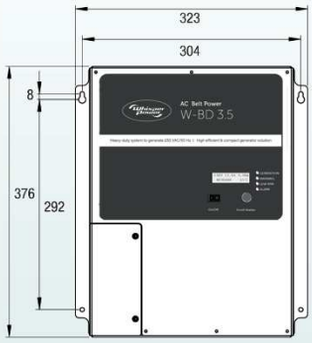
AC BeltPower Pulley Series	POLY 6 GROOVE Ø 50 mm	POLY 6 GROOVE Ø 60 mm	DOUBLE V GROOVE 12.7 mm | Ø 70 mm
Article Number	41301051	41301050	41301052

AC Alternator

AC BeltPower
Vehicle engine driven generators







	AC BELTPOWER - 230 VAC GENERATOR SYSTEM - BELT DRIVE	
Article number	**Definition**	
41302004	**AC BELTPOWER 3.5** 5.0 kW (at maximum speed)	32 A starting current
41302000	**AC BELTPOWER 5.0** 5.0 kW (at maximum speed)	40 A starting current



AC BeltPower remote
Art. Nr. 41301030



AC Alternator
Shielded Power Cable



AC Alternator
Remote Control Cable

	ACCESSORIES & OPTIONS FOR BELTPOWER	
Article number	**Definition**	
41301030	Remote control panel	
41301020	Shielded power supply cable	5 m
41301021	Shielded power supply cable	8 m
41301022	Shielded power supply cable	10 m
41301025	Cable remote control panel	5 m
41301026	Cable remote control panel	10 m



Poly 6 groove
Ø 50 mm
Art. Nr. 41301051



Poly 6 groove
Ø 60 mm
Art. Nr. 41301050



Double V groove
12.7 mm | Ø 70 mm
Art. Nr. 41301052

	STANDARD PULLEYS AND PULLEYS TO SPECIFICATION	
Article number	**Definition**	
41301050	Pulley poly 6 groove	Ø 60 mm
41301051	Pulley poly 6 groove	Ø 50 mm
41301052	Pulley poly V groove 12.7 mm	Ø 70 mm

Genverter© Range 1 | 2 | 3 cylinder

Outdoor Versions

WhisperPower offers a unique range of high-quality diesel generators for outdoor use. They can be exposed to harsh circumstances and are ideal as a power system for vehicles that only have space under the floor, or in any other outside location. The units are constructed from high-quality stainless steel sound shields with easily accessible connections for the exhaust system, the radiator cooling system, the fuel supply and the electrical cables. The Scalino 4 is the smallest of the range, followed by the Elite Outdoor 8 and 15 kVA models.



Small, powerful and silent: Scalino Outdoor
The WhisperPower Genverter© Scalino Outdoor is the smallest, quietest and most powerful of its kind. Thanks to the electronic PMG inverter output, it delivers the ideal power quality for any electrical device including small air-conditioning systems, work tools, computers etc. The Scalino can also be used to charge lead-acid or lithium batteries by connecting AC/ DC battery charging devices or inverter/ charger combinations. (Use of WhisperPower chargers and combi's recommended).

Unique inverter technology
The Scalino and Elite Outdoor generators are a combination of a diesel engine with a flywheel integrated alternator and an inverter, hence the name Genverter. Key feature of this technology is the quality of the output combined with the surge power capability. Within a certain window of the rotating speed of the diesel engine, the PMG inverter delivers the correct power quality to operate electrical equipment, such as tools, compressors, airconditioning, electrical cooking devices and various other AC appliances.

Ready to install
The Outdoor diesel generators come complete with all the fittings needed to connect the generator to the fuel tank, to the cooling system, cables to connect to the starter battery and electrical wiring to connect the Scalino Outdoor to external electrical power system. The PMG inverter has to be installed separately from the generator in a dry location.



Go to page 54 for DC versions

All-In-One version with battery / Inverter included

Essential Remote Communication

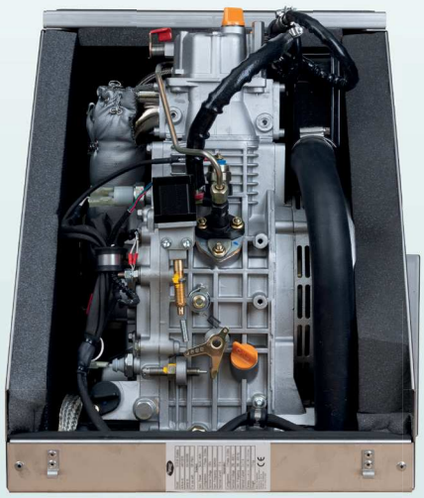
WhisperConnect connection for interconnection with other devices and USB interface eventual uploads. Analogue remote controls and cables supplied as standard, digital Touch panels are optional.





Air/water-cooled concept

The Scalino engine, designed by WhisperPower, has a unique cooling principle. The engine is cooled by its own lubrication oil which is circulating through a closed system in which a cooling radiator is integrated. The oil (hence the engine) is kept at a constant temperature by a fan blowing outside air through the radiator. Our 2/3 cylinder models are liquid cooled, cooling is done by a roof or side installed radiator system.



Stage V Certification for all models

The Genverter generators meet the Stage V exhaust emission requirement, legally obligatory for generators used in Europe in vehicles and movable objects. For the Scalino, Stage V certification is optional. The Elite Outdoor models are also compliant to EPA Tier 4 emission standard.

Optimal sound and vibration control

A robust sound guard, optimal tuning of rpm vs power rating and effective engine mounting inside the enclosure result in a audible noise level of less than 55 dB(A) and virtually no vibration.

HVO ready

Perfect power

WhisperPower's PMG inverter incorporates two main functions: this robust, electronic device converts the generated power (input) into a pure sine wave with fixed frequency (Hz). The rotating speed is adjustable from 2000 to 2800 rpm (3400 max for the Scalino model), select the rotating speed for the needed power. The PMG power inverter is also the power management device, offering full read-out via WhisperConnect to the Touch panel. Voltage and frequencies can be selected.

Works with any electrical appliance

The combination of a perfect sine wave with the lowest distortion and a precise and constant frequency enables any AC electrical device to operate smoothly. A/C's, cooking hobs, compressors, heavy duty tools, computer installations, sound installations, this will all work perfectly.



PMG Inverter

One-stop-shop

We provide complete installation kits ensuring a qualified, long lasting installation. These include radiator cooling and exhaust kits, battery starting kits and fuel supply systems.



Radiator cooling kit



Universal fuel kit



Dry exhaust kit



Starter battery installation kit

All-In-One Power System

OctoPower range





	OCTOPOWER 3	OCTOPOWER 6
Indoor / outdoor	Indoor	Outdoor
GENERAL SYSTEM SPECIFICATIONS		
Inverter power / zero-emission modus	3.0 kVA (6 kVA peak)	6 kVA (12 kVA peak)
Inverter output voltage / Hz (120 VAC - 60 Hz Optional)	230 VAC | 50 Hz +/- 0.01%	230 VAC | 50 Hz +/- 0.01%
DC charging / grid input	60 A	100 A
AC voltage / grid input (or auxiliary genset)	90 - 265 VAC, 47 - 63 Hz	90 - 265 VAC, 16 A max
DC SYSTEM SPECIFICATIONS		
Battery type	Lithium Power Basic 2000-4000 cycles	Lithium Power Basic 2000-4000 cycles
DC voltage	12 VDC	24 VDC
Battery charger output	60 A	100 A grid or 100 A Genverter
Solar charger output MPPT	2 x 50 A - 12 VDC	2 x 30 A - 24 VDC
DC-DC booster / converter	2 x 50 A - 12 VDC (connects to onboard)	2 x 30 A - 24 VDC
ENGINE COMPATIBILITY		
Connectable to	Vehicle Alternator Battery	Elite 8 - liquid cooled generator or generator of your choice
SINE WAVE INVERTER SPECIFICATIONS		
Model	Sine 12 VDC | 3000 W	AC PowerCube 24 VDC | 7000 VA
Power rating	0 - 6000 VA Max, 3 kVA cont. at 25°C	0 - 14 kVA Max, 6 kVA cont. at 25C
Stand-by consumption	1.6 W	1.8 W
Efficiency	93%	93 %
Power of transfer switch	3 kW	Optional
BATTERY SPECIFICATION		
Battery chemistry	Lithium Basic LiFe Po4	Lithium LiFe PO 4
MONITORING & CONTROL READ OUT		
Panel model & size	WBM Battery Monitor - Smart Shunt	Touch 7 or Touch 10
Read-out information	DC V/A/Time remaining / SOC	DC V/A / Time remaining- AC V/A / Hz
Remote monitoring via UTP / Router / Cell Phone	At request	WhisperCare



General Overview Genverters

Outdoor range


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	SCALINO 4 OUTDOOR				ELITE 8 OUTDOOR		ELITE 15 OUTDOOR
Adjustable 120 VAC | 60 Hz →	44002025				44005425		-
Adjustable 230 VAC | 50 Hz →	44002020				44005420		44007020
Split Phase 120/240 VAC | 60 Hz →	-				-		44007025
Variable speed 120 VAC | 60 Hz →	44012025				-		-
Variable speed 230 VAC | 50 Hz →	44012020				-		-
MAIN SPECIFICATIONS	120 VAC 60 Hz Stage V	120 VAC 60 Hz	230 VAC 50 Hz Stage V	230 VAC 50 Hz	120 VAC 60 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Intermittent Power kW at 25°C (77°F)	3 kW	4 kW	3 kW	3.5 kW	6.4 kW	6 kW	12.5 kW
Continuous Power kVA at 25°C (77°F)	3.4 kVA	4.4 kVA	3.4 kVA	3.5 kVA	8 kVA	6 kVA	15 kVA
Continuous Power kW at 25°C (77°F)	2.8 kW	3 kW	2.8 kW	3 kW	6 kW	6 kW	12 kW
Noise level	Stage V 57.3, Non Stage V 53.4 dB(A) at 7 m Stage V 75.3, Non Stage V 71.4 dB(A) at 1 m				59 dB(A) at 7 m, 77 dB(A) at 1 m		54 dB(A) at 7 m, 65 dB(A) at 1 m
RPM range	Stage V, 3600 rpm Non Stage V, 2400 - 3600 rpm, adjustable				2400 - 2800 rpm, adjustable or automatic		2200 - 3200 rpm, adjustable
Alternator technology	Permanent Magnet				Permanent Magnet		Permanent Magnet
Generator cooling	Air cooled				Liquid cooled		Liquid cooled
Generator control	PMG				DDC		DDC
Control Panel	PMG + PMG Remote				DDC Local + DDC Remote		DDC Local + DDC Remote
Inverter Module PMG Frame	Frame 1				Frame 2		Frame 3
Phase/wire	1 phase, 3 wires				1 phase, 3 wires	Split phase, 4 wires	1 phase, 3 wires
Peak power 200 msec	200%				200%		200%
Harmonic distortion	< 5%				< 3%		< 3%
Frequency tolerance	± 0,1%				± 0,1%		± 0,1%
DIESEL ENGINE SPECIFICATIONS							
Engine	WP1				Kubota Z482		Kubota D1105
Displacement	309 cc 18.9 cu. In.				479 cc 29.2 cu. In.		1123 cc 68.5 cu. In.
Cylinders	1				2		3
Bore & stroke mm : In. :	78 x 67 3 x 2.6				67 x 68 2.6 x 2.7		78 x 78.4 3 x 3.1
Compression ratio	21.1				23.5		24.0
Air consumption m^3/min : ft^3 / min :	< 0.42 < 14.8				< 0.95 < 33.5		< 1.43 < 50.5
Cooling system	Oil radiator				Radiator		Radiator
Fuel consumption (no load - full load)	0.8-1.2 l/hr				1.6-2.5 l/hr		4.2-5.6 l/hr
Starter battery charge method current	Handy charger 12 VDC | 7A				Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 40 A
DIMENSIONS & WEIGHT	STAGE V		NON STAGE V				
Dimensions (cabinet) (W x D x H) mm : In. :	449 x 492 x 510 17.7 x 19.4 x 20.1		432 x 492 x 510 17.0 x 19.4 x 20.1		742 x 597 x 670 29.2 x 23.5 x 26.4		741 x 907 x 736 29.1 x 35.7 x 28.9
Dry weight (cabinet)	73 kg 160.9 lb.				200 kg 440.9 lb.		260 kg 573.2 lb.
Exhaust type	R 1 inch, dry				R 1 inch, dry		R 1.5 inch, dry
Max. operating angle	25º in all directions				25º in all directions		25º in all directions
OPTIONAL							
	2nd start/stop panel Touch panel 7"				2nd start/stop panel Touch panel 7"		2nd start/stop panel Touch panel 7"
	Crankcase heating				Crankcase heating		Crankcase heating

All-In-One Power System

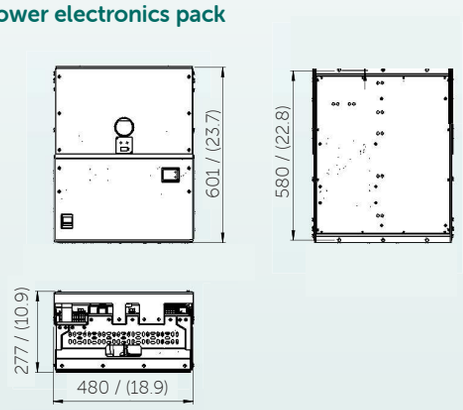
OctoPower 3



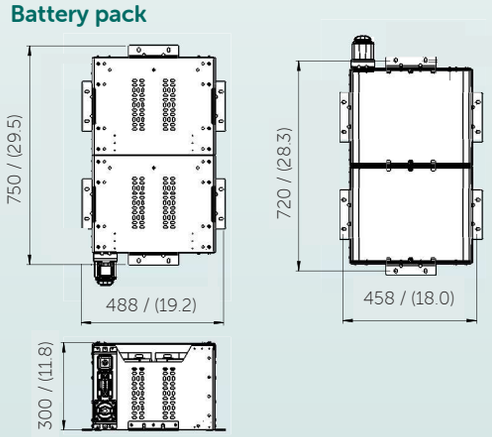
Available as:

230 VAC | 3 kVA | 3 kW | 50 Hz
120 VAC | 3 kVA | 3 kW | 60 Hz

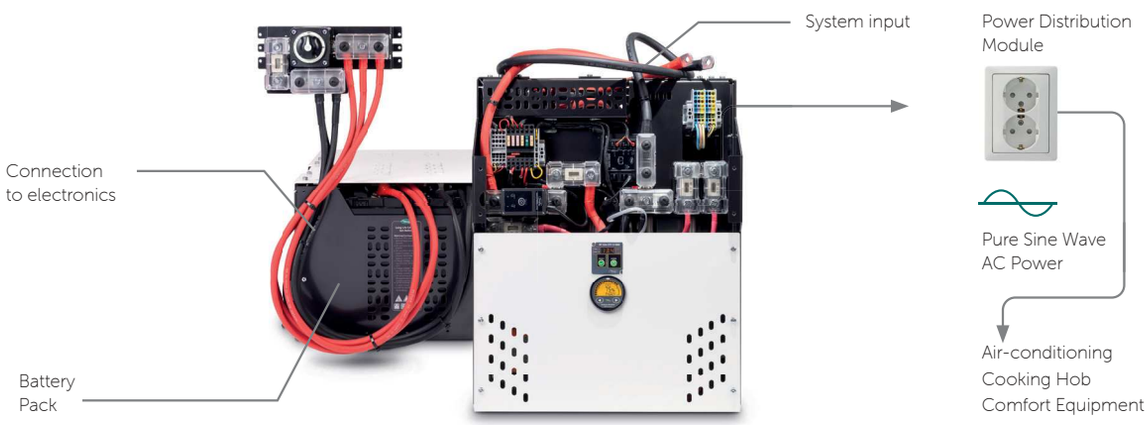
Power electronics pack



Battery pack



	OCTOPOWER 3
Indoor / outdoor	Indoor
GENERAL SYSTEM SPECIFICATIONS	
Inverter power / zero-emission modus	3.0 kVA (6 kVA peak)
Inverter output voltage / Hz (120 VAC - 60 Hz Optional)	230 VAC | 50 Hz +/- 0.01%
DC charging / grid input	60 A
AC voltage / grid input (or auxiliary genset)	90 - 265 VAC | 47 - 63 Hz
DC SYSTEM SPECIFICATIONS	
Battery type	Lithium Power Basic 2000-4000 cycles
DC voltage	12 VDC
Battery charger output	60 A
Solar charger output MPPT	2 x 50 A - 12 VDC
DC-DC booster / converter	2 x 50 A - 12 VDC (connects to onboard)
ENGINE COMPATIBILITY	
Connectable to	Vehicle Alternator Battery
SINE WAVE INVERTER SPECIFICATIONS	
Model	Sine 12 VDC | 3000 W
Power rating	0 - 6000 VA Max, 3 kVA cont. at 25°C
Stand-by consumption	1.6 W
Efficiency	93%
Power of transfer switch	3 kW
BATTERY SPECIFICATION	
Battery chemistry	Lithium Basic LiFe Po4
Lithium Battery pack - 3840 Wh	12 VDC | 300 Ah - Lithium LFP
Lithium Battery pack - 5120 Wh	12 VDC | 400 Ah - Lithium LFP
Lithium Battery pack - 7680 Wh	12 VDC | 600 Ah - Lithium LFP (2 x 300 Ah)
Lithium Battery pack - 10.240 Wh	12 VDC | 800 Ah - Lithium LFP (2 x 400 Ah)
MONITORING & CONTROL READ OUT	
Panel model & size	WBM Battery Monitor - Smart Shunt
Read-out information	DC V/A/Time remaining / SOC
Remote monitoring via UTP / Router / Cell Phone	At request
MECHANICAL SPECIFICATIONS	
Power electronics pack size (W x D x H)	mm : In. : 480 x 277 x 601 (18,9 x 10.9 x 23.7)
Battery pack size (W x D x H)	mm : In. : 488 x 300 x 720 (19,2 x 11.8 x 28.3)



OctoPower



Solar



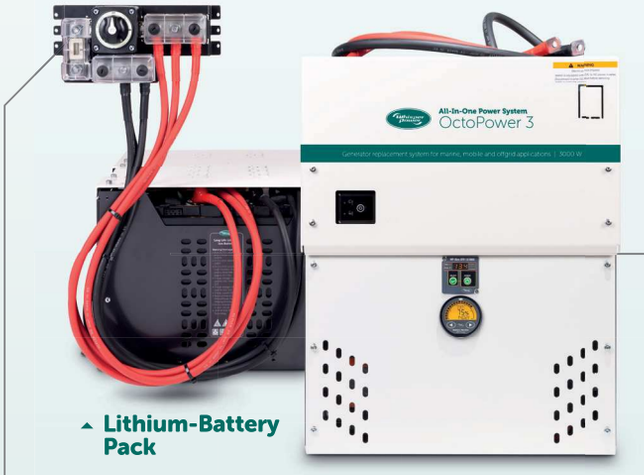
Alternator



Shore- Grid power

90 - 265 VAC
50 / 60 Hz





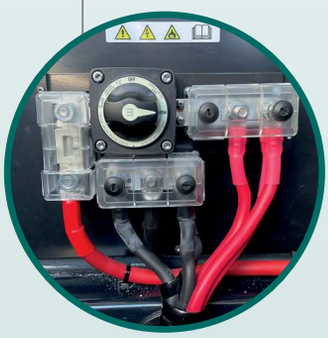
Power-Electronics Pack

Lithium-Battery Pack

- 3.8 kWh
- 5.1 kWh
- 7.6 kWh
- 10.2 kWh

The OctoPower 3 principle:
Stowing away both lithium and power electronics/ distribution packs, with accessible central ON-OFF system/ battery switch

Pure Sine Wave
AC Power





Air-conditioning

Cooking Hob

Comfort Equipment

	OCTOPOWER 3 KW ALL-IN-ONE POWER SYSTEM	
Article number	**Definition**	
42001210	**OctoPower 3** - 3 kW / 230 VAC | 50 Hz	
42001215	**OctoPower 3** - 3 kW / 120 VAC | 60 Hz	
Optional		
42001201	**OctoPower 3** - Optional DC Output kit	
BATTERY PACK TO BE SELECTED		
42001230	**OctoPower - Battery Module** 12 VDC | 300 Ah - 3840 Wh Lithium	
42001240	**OctoPower - Battery Module** 12 VDC | 400 Ah - 5120 Wh Lithium	
42001260	**OctoPower - Battery Module** 12 VDC | 600 Ah - 7680 Wh Lithium	(2 modules of 300 Ah)
42001290	**OctoPower - Battery Module** 12 VDC | 800 Ah - 10.240 Wh Lithium	(2 modules of 400 Ah)

All-In-One Power System - The Hybrid Solution

OctoPower 6

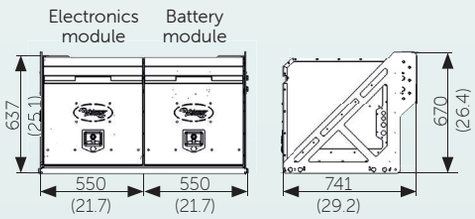


Available for:

230 VAC | 6 kVA | 6 kW | 50 Hz

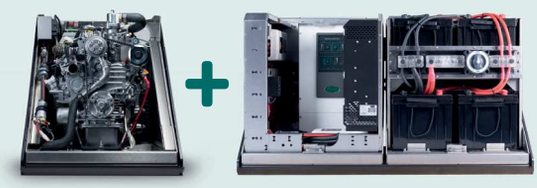


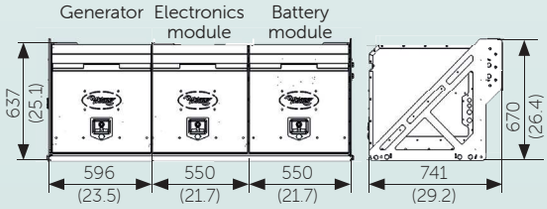
OctoPower 6 - All-in-One, Boxed design



Dimensions: mm / (In.)

OctoPower 6 Plus - with generator





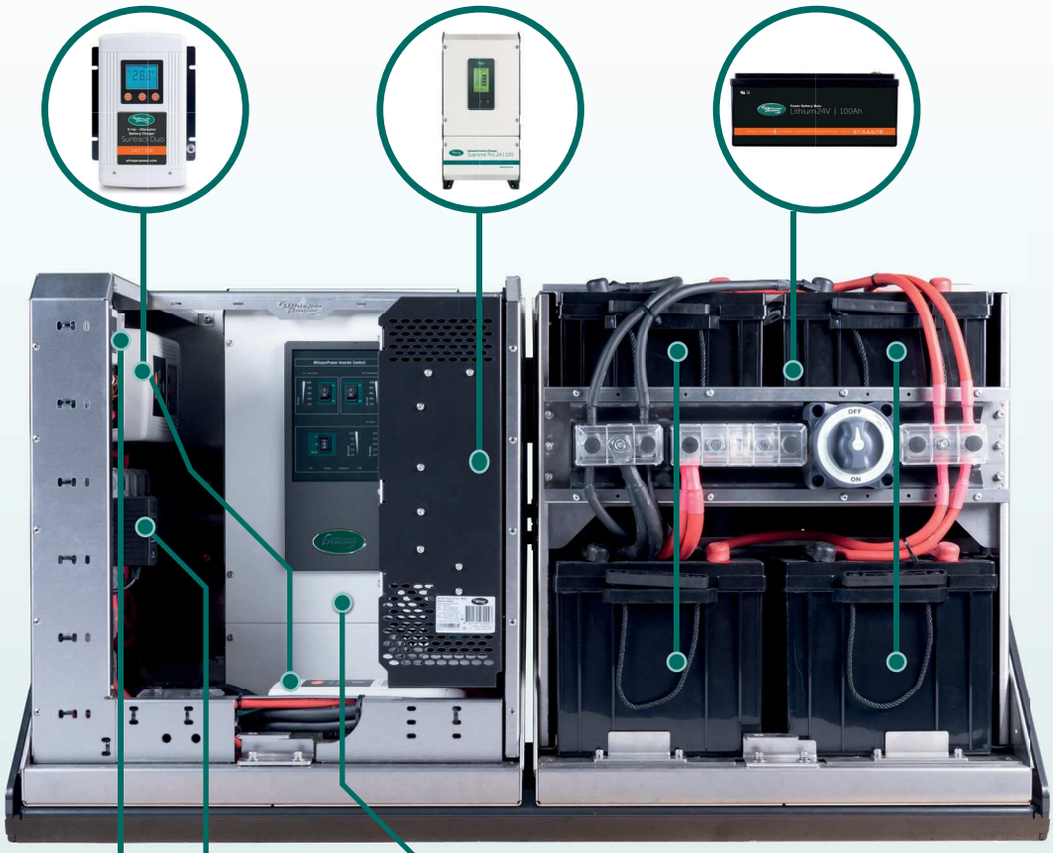
Dimensions: mm / (In.)

	OCTOPOWER 6
	Optional: with generator
Article number	44904500
GENERAL SYSTEM SPECIFICATIONS	
Inverter power / zero-emission modus	6 kVA (12 kVA peak)
Inverter output voltage / Hz (120 VAC - 60 Hz Optional)	230 VAC | 50 Hz +/- 0.01%
DC charging / grid input	100 A
DC charging / Genverter input	100 A
AC voltage / grid input (or auxiliary genset)	90 - 265 VAC, 16 A max
DC SYSTEM SPECIFICATIONS	
Battery type	Power Basic 2000-4000 cycles
DC voltage	24 VDC
Battery charger output	100 A grid or 100 A Genverter
Solar charger output MPPT	2 x 30 A - 24 VDC
DC-DC booster / converter	2 x 30 A - 24 VDC
Power sharing	Grid power - 100 A, adjustable
SPECIFICATIONS DIESEL ENGINE	
Connectable to	Elite 8 - liquid cooled generator or generator of your choice
Diesel engine type	KT Z482 Stage V / EPA Tier 4
Cylinder volume	479 CC, 2 cyl
Fuel consumption	1.2 - 2.5 ltr / hr full load
RPM rating	2200 - 2800 max in rpm
Audible noise level	59 dB(A) at 7 m
SINE WAVE INVERTER SPECIFICATIONS	
Model	AC PowerCube 24 VDC | 7000 VA
Power rating	0 - 14 kVA Max, 6 kVA cont. at 25C
Stand-by consumption	1.8 W
Efficiency	93 %
Power of transfer switch	Optional
BATTERY SPECIFICATION	
Battery chemistry	Lithium LiFe PO 4
Capacity in kWh	10 - 15 - 20 kWh
Nominal voltage	24 VDC, charge voltage C1 max
MONITORING & CONTROL READ OUT	
Panel model & size	Touch 7 or Touch 10
Read-out information	DC V/A / Time remaining- AC V/A / Hz
Remote monitoring via UTP / Router / Cell Phone	WhisperCare
MECHANICAL SPECIFICATIONS (MODULAR VERSION)	
Battery + Power Electronic Module (W x D x H)	mm : 1136 x 741 x 670 In. : (44.7 x 29.1 x 26.4)
Genverter pack size (W x D x H)	mm : 639 x 742 x 670 In. : (25.2 x 29.2 x 26.4)

Solar & Alternator
Charge Controller - MPPT
Suntrack Duo 24 VDC | 30 A

Automatic Battery Charger
Supreme Pro
24 VDC | 100 A

Battery Lithium
Power Basic
24 VDC | 100 Ah



Battery Monitor
Smart Shunt Pro

Remote Battery Switch
24 VDC | 500 A

Inverter AC PowerCube
24 VDC | 4000 VA

	EXTRA ACCESSORIES FOR OCTOPOWER 6 PLUS	
Article number	**Definition**	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
60116065	4G Router	WhisperCare 2.0
40290060	Generator	Elite 8 Outdoor 2 Cyl. 8kVA / 6kW – 230 VAC / 50 Hz



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



4G Router
Art. Nr. 60116065



Generator
Art. Nr. 40290060

Go to page 48 for more info

Mobile Generator

Scalino 4 Outdoor

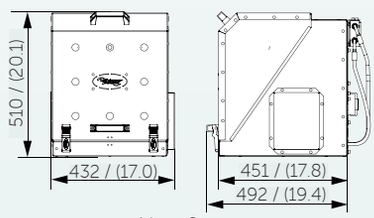




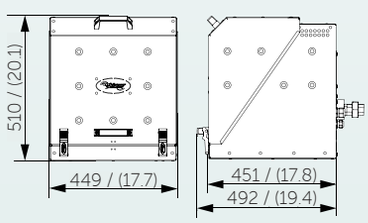
Available as:

230 VAC | 3.4 kVA | 3 kW | 50 Hz | Stage V
230 VAC | 3.5 kVA | 3.5 kW | 50 Hz | Standard
120 VAC | 3.4 kVA | 3 kW | 60 Hz | Stage V
120 VAC | 4.4 kVA | 4 kW | 60 Hz | Standard

Dimensions Scalino 4 Outdoor

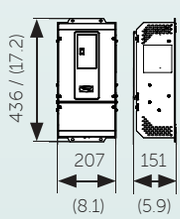


Non-Stage



Stage V

PMG included (Frame 1)



Genverter control included



230 VAC | 50 Hz | Stage V	Art. Nr. 44002020-STV
230 VAC | 50 Hz | Standard	Art. Nr. 44002020
230 VAC | 50 Hz | Variable speed	Art. Nr. 44012020
120 VAC | 60 Hz | Stage V	Art. Nr. 44002025-STV
120 VAC | 60 Hz | Standard	Art. Nr. 44002025
120 VAC | 60 Hz | Variable speed	Art. Nr. 44012025

	SCALINO 4 OUTDOOR					
	Without Sound Shield		With Sound Shield			
	Stage V+ Standard		Standard		Stage V	
Weight kg (lb.) Wet	58	(128)	77	(170)	75	(165.4)
Weight kg (lb.) Dry	55	(121)	73	(161)	73	(161)
Length mm (in.)	377	(14.8)	490	(19.3)	451	(17.8)
Width mm (in.)	356	(14)	410	(16.1)	450	(17.7)
Height mm (in.)	485	(19)	510	(20)	510	(20)
POWER OUTPUT	**120 VAC | 60 Hz**		**230 VAC | 50 Hz**			
Intermittent power kW — Stage V	3		3			
Intermittent power kW — Non stage V	4		3.5			
Continuous power kVA at 25°C (77°C) — Stage V	3.4		3.4			
Continuous power kVA at 25°C (77°C) — Non stage V	4.4		3.5			
Continuous power kW at 25°C (77°C) — Stage V	2.8		2.8			
Continuous power kW at 25°C (77°C) — Non stage V	3		3			
ENGINE SPECIFICATIONS	**STAGE V**		**NON-STAGE V**			
Type	WP1-E5		WP1-E5			
Cylinder quantity	1		1			
Displacement, L (cu. In.)	0.32 (19.5)		3.09 (188.5)			
Bore, mm (in.)	78 (3)		78.0 (3.07)			
Stroke, mm (in.)	67 (2.6)		76 (2,99)			
Combustion system	DI		DI			
Nominal speed, rpm	3600		2400/3600			
Net Continuous power at rated rpm, kW (pk)	3.0 (4.09)		3.5 (4.7)			
Governor, type	Mechanical		Mechanical			
Angular operation continuous	25°		25°			
Combustion air consumption	0.42 m³/min		0.42 m³/min			
Exhaust type	Catalysator		Dry Exhaust			
ENGINE ELECTRICAL SYSTEM						
Battery, voltage	12 VDC					
Battery, charging module	Charged by PMG when running					
Battery, minimum recommendation	55-90 Ah					
Starter motor	12 VDC / 0.8 kW					
COOLING SYSTEM						
Capacity, L, approx..	4.0					
Heat extraction	Radiator					
FUEL SYSTEM						
Fuel shut off solenoid	Electrical (ETS)					
Fuel injection pump	In-Line pump					
Fuel lift pump	12 V Magneti Marelli					
LUBRICATION SYSTEM						
Oil pump type	Pressure					
Oil pan capacity with filter, L (gal.)	2.0 (0.53)					
OPERATION REQUIREMENTS	**STAGE V**		**NON-STAGE V**			
Engine Speed rpm	3600		2400/3600			
Air requirements, m³/hour 3600 rpm	21					
Max. air intake restriction, kPa	1.8					
Exhaust temp. At full load. oC	500					
Max. allowed exhaust pressure, kPa	5.9					
FUEL CONSUMPTION g/kWh						
100% load	280					
Optional: Crankcase heater, Mass free						



Kit radiator
(included)



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR SCALINO 4 OUTDOOR	
Article number	**Definition**	
40201318	Kit radiator (included)	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290060	Starter battery	AGM Power - 12 VDC | 55 Ah
40290106	Starter battery installation kit	<100 Ah - incl. battery charger - Handy 12 VDC | 7 A *)



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290060



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR SCALINO 4 OUTDOOR		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40401160	A-kit maintenance parts		
40401161	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



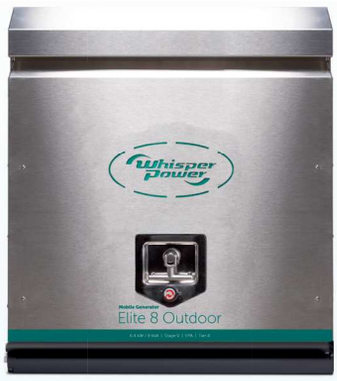
A-kit maintenance parts
Art. Nr. 40401160



B-kit maintenance parts
Art. Nr. 40401161

Mobile Generator

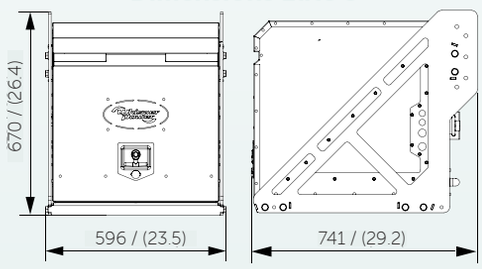
Elite 8 Outdoor



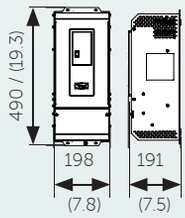
Available as:

230 VAC | 8 kVA | 6.4 kW | 50 Hz
120 VAC | 6 kVA | 6 kW | 60 Hz

Dimensions Elite 8



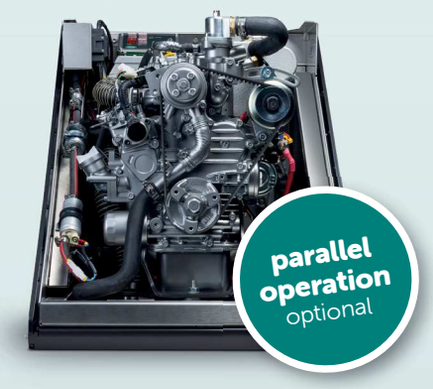
PMG included (Frame 2)



Frame 2 for
120 VAC | 60 Hz

DDC remote control panel





230 VAC | 50 Hz Art. Nr. 44005420
120 VAC | 60 Hz Art. Nr. 44005425

		ELITE 8	
		Genverter based on Kubota Z482	
		230 VAC | 50 Hz	120 VAC | 60 Hz
Intermittent Power kW at 25°C (77°F)		6.4 kW	6 kW
Continuous Power kVA at 25°C (77°F)		8 kVA	6 kVA
Continuous Power kW at 25°C (77°F)		6 kW	6 kW
Noise level		59 dB(A) at 7 m 77 dB(A) at 1 m	
RPM range		2400 - 2800 rpm	
Alternator technology		Permanent Magnet	
Generator cooling		Liquid cooled	
Generator control		DDC	
Control Panel		DDC Local + DDC Remote	
Inverter Module		PMG frame 2	
Speed governor		1 Phase, 3 wires	1 phase 3 wires or Split phase, 4 wires
Peak power 2 s		200%	
Harmonic distortion		<3%	
Frequency tolerance		+/- 0.1%	
ENGINE			
Engine model		Kubota Z482	
Emissions Regulation		Tier 4, EPA	
Engine performance intermittent (SAE J1349)		9.32 kW at 3600 rpm	
Engine performance continuous (SAE J1349)		8.05 kW at 3600 rpm	
Number of cylinders		2	
Displacement		479 cc / 29.2 cu. In.	
Bore & stroke		67 x 68 mm / 2.6 x 2.7 In.	
Air intake system		Naturally aspirated	
Air consumption		< 0.95 m^3/min (< 33.5 ft^3/min)	
Fuel oil		Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load		275 g/kWh	
Engine cooling		Indirect water cooled	
Nominal operation voltage		12 VDC	
Alternator		12.5 A	
Operating principle		Energize to run	
Starter power requirement		0.8 kW	
Monitoring and control		Digital Diesel Control	
Protections		Oil temperature and pressure, coolant temperature	
Local control		Start/stop & maintenance	
Service interval oil change		200 h	
Oil capacity		Approx. 3.2 l	
Lubricant		At least CF	
DIMENSIONS & WEIGHT			
Dimensions Cabinet (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5	
Dimensions PMG (W x D x H	mm : In. :	198 x 191 x 490 7.8 x 7.5 x 19.3	
Dry weight (cabinet + PMG)	kg : lb. :	154 + 9.9 339.5 + 21.8	



Top-Cool Radiator
Art. Nr. 40230670



Kit radiator
Art. Nr. 40201879



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 8 OUTDOOR	
Article number	**Definition**	
40230670	Option 1: Top-Cool radiator	roof installation
40201879	Option 2: Kit radiator *)	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC | 80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR ELITE 8 OUTDOOR			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	2 containers required
40401760	A-kit maintenance parts			
40401761	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401761

Mobile Generator

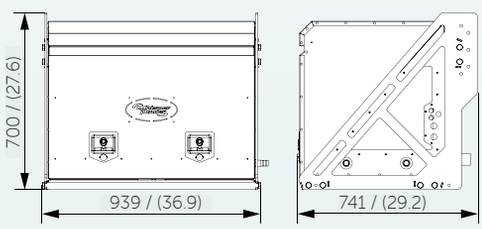
Elite 15 Outdoor



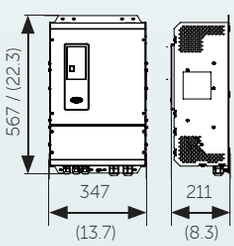
Available as:

230 VAC | 15 kVA | 12.5 kW | 50/60 Hz
120-240 VAC | 15 kVA | 12.5 kW | 60 Hz

Dimensions Elite 15

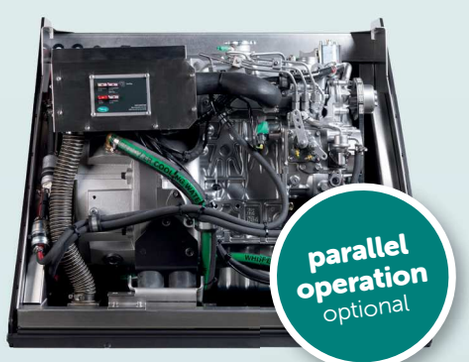


PMG included (Frame 3)



DDC remote control panel





230 VAC | 50 Hz Art. Nr. 44007020
120/240 VAC | 60 Hz Art. Nr. 44007025

	ELITE 15	
	Genverter based on Kubota D1105	
	230 VAC | 50 Hz	120 VAC | 60 Hz
Intermittent Power kW at 25°C (77°F)	12.5 kW	
Continuous Power kVA at 25°C (77°F)	15 kVA	
Continuous Power kW at 25°C (77°F)	12 kW	
Peak power 200 msec	200%	
Low rpm setpoint	1500 rpm	
Max rpm setpoint	3000 rpm	
Nominal rpm	2000 - 3200 rpm	
Noise level	54 dB(A) at 7 m 65 dB(A) at 1 m	
Cooling	Single radiator	
Exhaust	Dry type, 1½" BSP	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 90 Ah	
Standard supplies	Digital remote panel (15 m cable), fuel filter, fuel lift pump, user and installation manuals	
Available options	Installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D1105	
Emissions Regulation	Tier 4, EPA	
Engine performance intermittent (SAE J1349)	18.7 kW at 3000 rpm	
Engine performance continuous (SAE J1349)	16.4 kW at 3000 rpm	
Number of cylinders	3	
Displacement	1.123 cc / 68.5 cu. In.	
Bore & stroke	78 x 78.4 mm / 3.0 x 3.1 In.	
Air intake system	Naturally aspirated	
Air consumption	1.46 m^3/min / 51.9 ft^3/min	
Fuel oil	Diesel fuel oil (ASTM No. 2-D)	
Fuel consumption at full load	275 g/kWh	
Engine cooling	Indirect water cooled	
Nominal operation voltage	12 VDC	
Alternator	40 A	
Operating principle	Energize to run	
Starter power requirement	1.0 kW	
Monitoring and control	Digital Diesel Control	
Protections	Oil temperature and pressure, coolant temperature	
Local control	Start/stop & maintenance	
Service interval oil change	200 h	
Oil capacity	Approx. 4.0 l	
Lubricant	At least CF	
DIMENSIONS & WEIGHT	**230 VAC | 50 Hz**	**120 VAC | 60 Hz**
Dimensions Cabinet (W x D x H) mm : In. :	880 x 570 x 690 34.6 x 22.4 x 27.2	
Dimensions PMG (W x D x H mm : In. :	347 x 211 x 567 13.7 x 8.3 x 22.3	
Dry weight (cabinet + PMG) kg : lb. :	210 + 20 463 + 44.1	210 + 30 463 + 66.1



Top-Cool radiator
Art. Nr. 40230672



Kit radiator
Art. Nr. 40201872



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE 15 OUTDOOR	
Article number	**Definition**	
40230672	Option 1: Top-Cool radiator	roof installation
40201872	Option 2: Kit radiator *)	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE 15 OUTDOOR			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+	4 liters	2 containers required
40401760	A-kit maintenance parts			
40401761	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401761

Twin-Power

Cost effective and redundant

Our Twin-Power® solution allows you to parallel two WhisperPower Genverter generators with a single high speed communication wire. No extra boxes with oversized switch gear are needed, or other costly add-ons. Just install two generators instead of one traditional product and connect the PMG inverters plus the AC outputs to double the AC Power.



Fuel saving

WhisperPower's Twin-Power concept is offering at least 25% of fuel saving compared with traditional 1500/1800 rpm generators, as the units will follow the required AC power consumption pattern (low mode, high mode). Traditional power generator systems are in general oversized in order to be able to deliver the peak of power consumption which in general has a short duration. By installing two Genverter generators in parallel, one unit can be switched off during low power consumption periods. Very important advantage of the power solution is the redundancy of power sources offered by this solution.



Elite Outdoor Twin

Outdoor Range





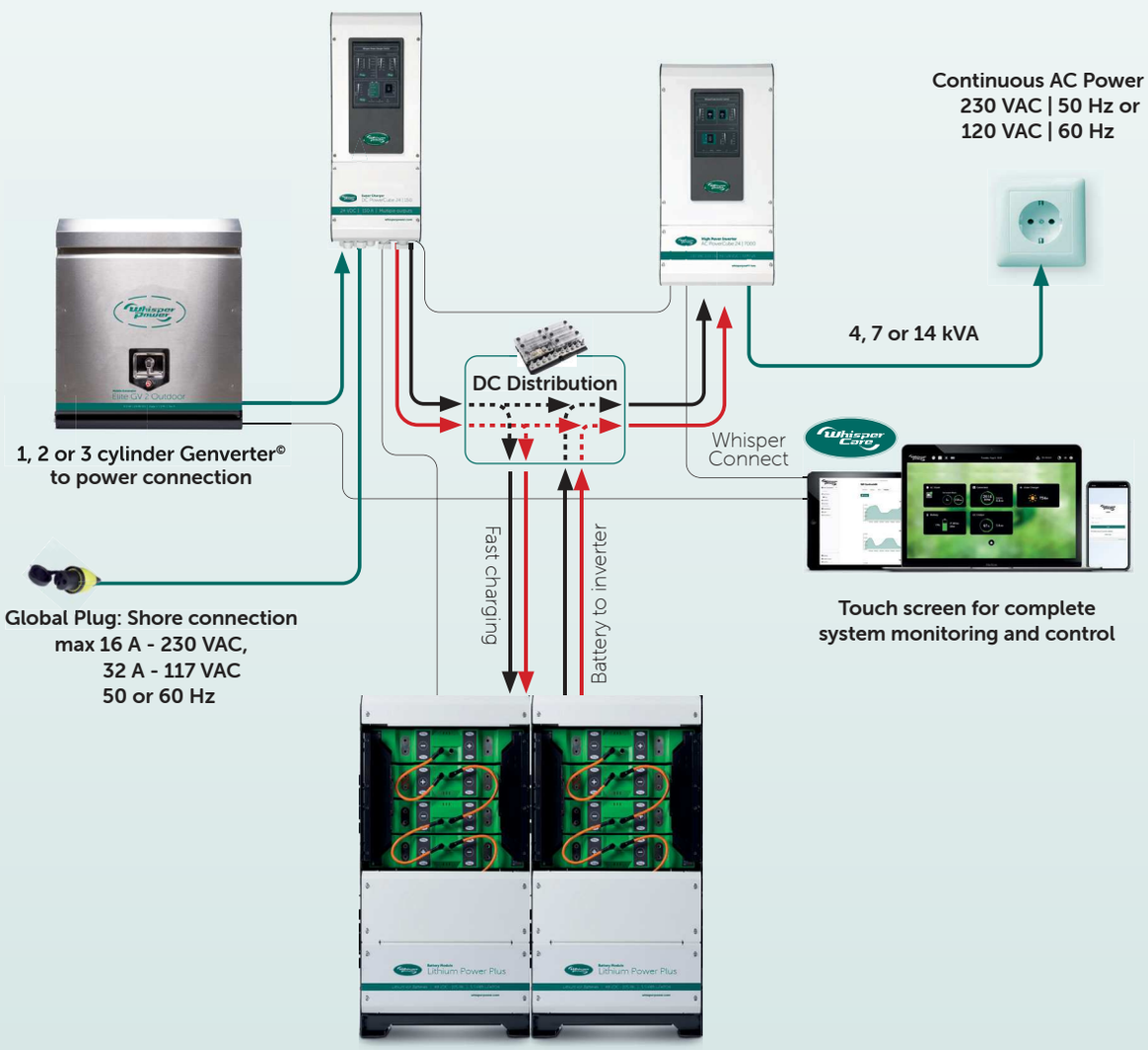
		ELITE TWIN 8+8		ELITE TWIN 15+15	
50 Hz/60 Hz | Twin →		49005080		49009080	
MAIN SPECIFICATIONS		Single mode	Twin mode	Single mode	Twin mode
Intermittent Power kW at 25°C (77°F)		6.4 kW	12.8 kW	8.5 kW	17 kW
Continuous Power kVA at 25°C (77°F)		8 kVA	16 kVA	10 kVA	20 kVA
Continuous Power kW at 25°C (77°F)		6 kW	12 kW	8 kW	16 kW
Noise level		51 dB(A) at 7 m 60 dB(A) at 1 m		51 dB(A) at 7 m 60 dB(A) at 1 m	
RPM range, adjustable		2400 - 2800 rpm		2400 - 2800 rpm	
Alternator technology		Permanent Magnet		Permanent Magnet	
Generator cooling		Liquid cooled		Liquid cooled	
Generator control		DDC (2pcs)		DDC (2pcs)	
Control Panel		DDC Local + DDC Remote		DDC Local + DDC Remote	
Inverter Module PMG		PMG frame 2 (2pcs)		PMG frame 2 (2pcs)	
Twin Power Communication Cable		Max. 3 meters		Max. 3 meters	
Nominal voltage / frequency		230 VAC | 50/60 Hz		230 VAC | 50/60 Hz	
Phase/wire		1 Phase / 3 wire		1 Phase / 3 wire	
Peak power 2 s		200%		200%	
Harmonic distortion		< 3%		< 3%	
Frequency tolerance		± 0.1%		± 0.1%	
DIESEL ENGINE SPECIFICATIONS					
Engine		WhisperPower Kubota Z482		WhisperPower Kubota D722	
Displacement		479 cc / 29.3 cu. In.		719 cc / 43.8 cu. In.	
Cylinders		2		3	
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7	
Compression ratio		23.5		23.5	
Air consumption	m^3/min : ft^3/min :	< 0.63 (per unit) < 22.2 (per unit)		< 0.94 (per unit) < 33.2 (per unit)	
Cooling system		Heat exchanger		Heat exchanger	
Fuel consumption (no load - full load)		1.7-2.5 l/hr (per unit)		2.6-3.8 l/hr (per unit)	
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 12.5 A	
DIMENSIONS & WEIGHT					
Dimensions (cabinet) (W x D x H)	mm : In. :	660 x 550 x 622 /each 26 x 21.7 x 24.5 /each		740 x 550 x 620 /each 29.1 x 21.7 x 24.4 /each	
Dimensions (PMG) (W x D x H)	mm : In. :	198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each		198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each	
Dry weight (cabinet + PMG)	kg : lb. :	155 + 9.9 /each 341.7 + 21.8 /each		175 + 9.9 /each 385.8 + 21.8 /each.	
Exhaust type	mm : In. :	Ø 40, wet Ø 1.6, wet		Ø 40, wet Ø 1.6, wet	
Max. operating angle		25º in all directions		25º in all directions	
OPTIONAL					
Optional 1		2nd start/stop panel WhisperTouch full color panel 7" (2pcs)		2nd start/stop panel WhisperTouch full color panel 7" (2pcs)	

Elite Outdoor Genverter©

DC generator / inverter system

For cases when a constant high power consumption isn't required, installing a Genverter© system with the DC PowerCube, combined with an AC PowerCube inverter, can prove to be a smart decision. The advantage of this system is that a non-stop AC power supply is always available. This is thanks to the 4, 7 or 14 kVA AC PowerCube inverter which is connected to one or multiple onboard batteries being charged by one or several DC PowerCubes.

Whenever the 24 VDC / 48 VDC batteries need to be recharged, the Genverter© starts up automatically. To recharge the batteries when the DC PowerCube is connected to the shore power - during shore power connection, the various onboard batteries are charged with a maximum of 120 A (3.5 kW). Using the remote control panel, supplied as standard, the shore power can be set to the required ampere value (4,6,8,10,16 A).



ADJUSTABLE SPEED DC OUTPUT



PAGE 56



PAGE 58

		ELITE GV 2 OUTDOOR	ELITE GV 3 PLUS OUTDOOR
Genverter →		44001120	44001520
MAIN SPECIFICATIONS			
Continuous Power at 25°C (77°F)		4.3 kW	8.6 kW
Number of DC PowerCubes		1	2
Nominal voltage		24/48 VDC	24/48 VDC
Charge characteristics		Bulk, absorption, float	Bulk, absorption, float
Noise level		51 dB(A) at 7 m 60 dB(A) at 1 m	51 dB(A) at 7 m 60 dB(A) at 1 m
RPM range (adjustable)		1500 - 3000 rpm	1500 - 2500 rpm
Alternator technology		Permanent Magnet	Permanent Magnet
Generator cooling		Indirect water-cooling (engine+alternator)	Indirect water-cooling (engine+alternator)
Generator control		DDC	DDC
Control Panel		DDC Local + DDC Remote	DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS			
Engine		WP Kubota Z482	WP Kubota D722
Displacement		479 cc / 29.3 cu. In.	719 cc / 43.8 cu. In.
Cylinders		2	3
Bore & stroke		67 x 68 mm 2.6 x 2.7 In.	67 x 68 mm 2.6 x 2.7 In.
Compression ratio		23.5	23.5
Air consumption		< 0.63 m^3/min	< 0.94 m^3/min
Cooling system		Heat exchanger	Heat exchanger
Fuel consumption (no load - full load)		1.7-2.5 l/hr	2.6-3.8 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A	Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT			
Dimensions cabinet (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5	740 x 550 x 620 29.1 x 21.7 x 24.5
Dimensions DC PowerCube (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6	268 x 316 x 575 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : lb. :	155 + (1 Power Cube) 26 341.7 + (1 Power Cube) 57.3	175 + (2 Power Cubes) 26 385.8 + (2 Power Cubes) 57.3
Exhaust type	mm : In. :	Ø 40 Ø 1 BSP	Ø 40 Ø 1 BSP
Max. operating angle		25º in all directions	25º in all directions
OPTIONAL			
Optional 1		2nd start/stop panel, Touch panel 7"	2nd start/stop panel, Touch panel 7"

DC Mobile Generator

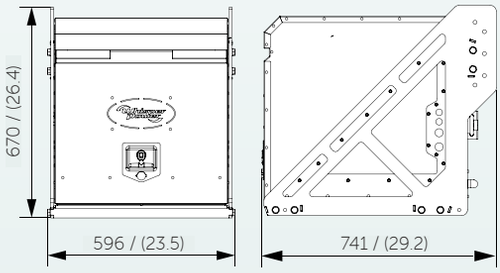
Elite GV 2 Outdoor



Available as:

24 VDC | 150 A
48 VDC | 80 A

Dimensions Elite GV 2 Outdoor



DDC remote control panel

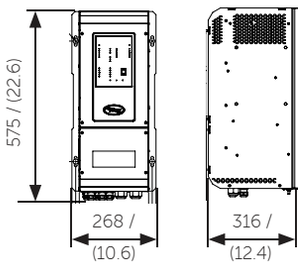




		ELITE GV 2 OUTDOOR
Genverter →		49001120
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power (24 / 48 VDC)		4.3 kW
Number of DC PowerCubes		1
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		59 dB(A) at 7m 77 dB(A) at 1 m
RPM range		1500 - 3000 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota Z482 EPA + Stage V
Displacement	cc : cu. In. :	479 29.2
Cylinders		2
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7
Compression ratio		23.5
Air consumption	m^3/min : ft^3 / min :	< 0.63 (per unit) < 22.2 (per unit)
Cooling system		Radiator
Fuel consumption (no load - full load)		1.7-2.5 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	639 x 779 x 635 25.2 x 30.7 x 25
Dry weight (cabinet)	kg : lb.:	200 440.9
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1.5 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating



Dimensions DC PowerCube





Top-Cool radiator
Art. Nr. 40230671



Kit radiator
Art. Nr. 40201869



Dry exhaust kit 1"
Art. Nr. 40201325



Insulation blanket kit
Art. Nr. 40201324



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 2 OUTDOOR	
Article number	**Definition**	
40230671	Option 1: Top-Cool radiator	roof installation
40201869	Option 2: Kit radiator *)	sidewall installation
40201325	Dry exhaust kit 1"	keel cooling
40201324	Insulation blanket kit	for exhaust kit 40201325
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC | 80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR ELITE GV 2 OUTDOOR			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+	4 liters	2 containers required
40401760	A-kit maintenance parts			
40401761	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401760



B-kit maintenance parts
Art. Nr. 40401761

DC Mobile Generator

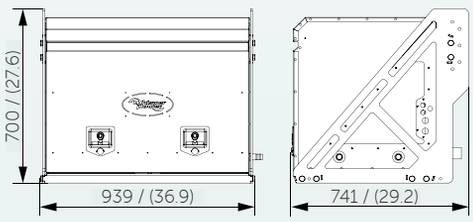
Elite GV 3 Plus Outdoor



Available as:

24 VDC | 450 A
48 VDC | 240 A

Dimensions Elite GV 3 Plus Outdoor



DDC remote control panel

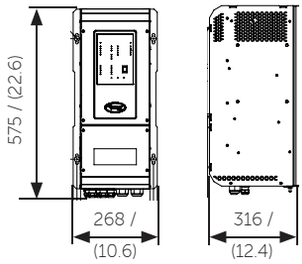




		ELITE GV 3 PLUS OUTDOOR
Genverter →		44001520
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Continuous Power (24 / 48 VDC)		12 kW
Number of DC PowerCubes		3
Nominal voltage		24/48 VDC
Charge characteristics		Bulk, absorption, float
Noise level		54 dB(A) at 7m 65 dB(A) at 1 m
RPM range		1500 - 2500 rpm, adjustable
Alternator technology		Permanent Magnet
Generator cooling		Liquid cooled
Generator control		DDC
Control Panel		DDC Local + DDC Remote
DIESEL ENGINE SPECIFICATIONS		
Engine		Kubota D1105 EPA + Stage V
Displacement	cc : cu. In. :	1.123 68.5
Cylinders		3
Bore & stroke	mm : In. :	67 x 68 2.6 x 2.7
Compression ratio		24
Air consumption	m^3/min : ft^3 / min :	< 1.47 < 51.6
Cooling system		Radiator
Fuel consumption (no load - full load)		4.2-5.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC | 12.5 A
DIMENSIONS & WEIGHT		
Dimensions (cabinet) (W x D x H)	mm : In. :	939 x 741 x 700 37 x 29.2 x 27.6
Dry weight (cabinet)	kg : lb.:	260 573.2
Dimensions (PowerCube) (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Weight (PowerCube)	kg : lb.:	26 57.3
Exhaust type		R 1.5 inch, dry
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		2nd start/stop panel, Touch panel 7"
Optional 2		Crankcase heating



Dimensions DC PowerCube





Top-Cool radiator
Art. Nr. 40230676



Kit radiator
Art. Nr. 40201863



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR ELITE GV 3 PLUS OUTDOOR	
Article number	**Definition**	
40230676	Option 1: Top-Cool radiator	roof installation
40201863	Option 2: Kit radiator *)	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A

*) 24 VDC fan recommended in case of 24 VDC system, to be powered via service battery.



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR ELITE GV 3 PLUS OUTDOOR			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	3 containers required
40401660	A-kit maintenance parts			
40401661	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401660



B-kit maintenance parts
Art. Nr. 40401661

Diesel generators | 1500/1800 rpm

W-SQ Range
For single or three phase output

Over the past 20 years, WhisperPower generators have established a strong reputation as reliable workhorses. They are regarded to be durable and reliable power solutions, meeting the challenges of commercial and high-end recreational Mobile applications. While the high rpm 3000/3600 generators have been replaced by the quiet and compact Genverter series, our 1500/1800 fixed rpm range has undergone a major upgrade.

The WhisperPower SQ Pro range is the solution for applications where a constant level of high quality, non-stop electrical power is required. Available from 15 kVA to 54 kVA, for single and three-phase output, complete with or without sound guard, inclusive advanced control panels and all necessary installation parts to ensure a durable installation.

General description
- 1500 rpm, 1 or 3 phase, 50 Hz
- 1800 rpm, 1 or 3 phase, 60 Hz
- Robust AVR voltage regulation
- Electronic governor for best power quality (optional)
- Aircooled, industrial back-end
- Compact and silent

Features
- All connections pre-mounted
- Plug-and-play installation
- Industrial power quality
- Parallel connection optional
- Ungrounded version optional

Benefits
- Manufactured in Holland
- Various options - flexibility
- World wide distribution and support
- One-stop-shop. All installations parts from one address.



DDC Remote
DDC Remote panel as used in the past for our standard versions, still standard supply of our non-Pro and Pro versions
- One touch start button
- V/A/Hz read-out
- Various user menus
- Automatic start/stop.



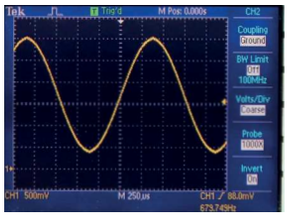
From DDC to Deep Sea Controls
Important optional feature of our SQ Pro range is the Deep Sea Control which is easy to link to existing analogue or digital networks. Our traditional DDC controls are still used as standard.



WhisperCare (optional)
Cloud-based monitoring and control, with all essential start/stop/ control functions for operators and end users.

Some key features and benefits of the new control & power management panels:
- Remote communications (RS232, RS485 x2, Ethernet)
- Genset parallel functionality optional available
- Provides secure and simple off site monitoring
- Front panel mounting
- Enables fault conditions to be resolved quickly and provides instant system information to aid preventative maintenance
- Graphical displays showing, charts, meters, power display, graphs and engine status information
- Information is displayed clearly and in a universal format for all users
- Language by choice.







Top Cool
See page 81 / 82 / 83 to learn more about our various radiator cooling systems.

Perfect sinewave
Industrial power quality for a disturbance free power provision for standard and sensitive consumers.

Service side
One-sided service, perfect access to all maintenance related components.



STAGE V certified

HVO ready

Optimal Sound Reduction
Professional, high class, effective sound shield with easy access to all sides of the generator.
All models of the SQ range come standard with a robust sound guard with corrosion proof metal plating and heavy insulation material for optimal sound reduction.

Units can also be delivered without a sound cover. Ask for our OPEN FRAME UNITS without sound shield.



General Overview Diesel Generators

W-SQ Pro fixed speed



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	W-SQ Pro 15 | Stage V	W-SQ Pro 15	W-SQ Pro 18 | Stage V	W-SQ Pro 18
50 Hz | 1 Phase →	41207020-STV	41207020	41208120 -STV	41208120
60 Hz | Split Phase →	N/A	41207025	N/A	41208125
50 Hz | 3 Phase →	41207320-STV	41207320	41208320 -STV	41208320
60 Hz | 3 Phase →	N/A	41207325	N/A	41208325
MAIN SPECIFICATIONS				
Intermittent Power kW at 25°C (77°F)	12 kW	12.5 kW	14.5 kW	16.5 kW
Continuous power kVA at 25°C (77°F)	13.75 kVA	15 kVA	17.5 kVA	20 kVA
Continuous power kW at 25°C (77°F)	11 kW	12 kW	14 kW	16 kW
Noise level	55 dB(A)		55 dB(A)	
RPM range	1500 rpm (50 Hz) 1800 rpm (60 Hz)		1500 rpm (50 Hz) 1800 rpm (60 Hz)	
Cooling	External radiator cooling		External radiator cooling	
Voltage regulation	AVR, forced ventilation		AVR, forced ventilation	
Nominal voltage /frequency 1 phase	230 VAC | 50 Hz		230 VAC | 50 Hz	
Nominal voltage /frequency split phase	120/240 VAC | 60 Hz		120/240 VAC | 60 Hz	
Nominal voltage /frequency 3 phase	230/400 VAC | 50 Hz 120/208 VAC | 60 Hz		230/400 VAC | 50 Hz 120/208 VAC | 60 Hz	
Peak power 2 s	200 %		200 %	
Harmonic distortion	< 3 %		< 3 %	
Frequency tolerance	± 5 %		± 5 %	
DIESEL ENGINE SPECIFICATIONS				
Type	Kubota V1505 BG EPA + Stage V	Kubota V1505 BG	Kubota V2203 M BG EPA + Stage V	Kubota V2203 M BG
Cylinder, quantity	4		4	
Displacement cc : cu. In. :	1498 91.5		2197 134	
Bore & stroke mm : In. :	78.0 x 78.4 3.07 x 3.09		87 x 92.4 3.43 x 3.64	
DIMENSIONS & WEIGHT				
Dimensions cabinet (W x D x H) mm : In. :	1145 x 625 x 690 45.1 x 24.6 x 27.2		1220 x 718 x 754 48.0 x 28.3 x 29.7	
Dry weight kg : lb. :	410 904		495 1091	
Dry exhaust	Ø 1 ½ inch BSP		Ø 1 ½ inch BSP	
Max. operating angle	25º in all directions		25º in all directions	
CONTROL PANEL				
Standard	DDC		DDC	
Optional 1	DeepSea control or WhisperTouch full color panel 7" or 10"		DeepSea control or WhisperTouch full color panel 7" or 10"	
Optional 2	Crankcase heating		Crankcase heating	


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	W-SQ 22.5	W-SQ Pro 27	W-SQ Pro 32	W-SQ Pro 40
	41101220	41202020	N/A	N/A
	41101225	41202025	N/A	N/A
	41131220	41202320	41201420	41201620
	41131225	41202325	41201425	N/A
	22 kW	23 kW (1 Phase) 25 kW (Split & 3 Phase)	27 kW	38.5 kW
	22.5 kVA	27 kVA	32 kVA	40 kVA
	20 kW	22 kW (1 Phase) 22.5 kW (Split & 3 Phase)	27 kW	35 kW
	58 dB(A)	56.7 dB(A)	58 dB(A)	53 dB(A)
	1500 rpm (50 Hz) 1800 rpm (60 Hz)	1500 rpm (50 Hz) 1800 rpm (60 Hz)	1500 rpm (50 Hz) 1800 rpm (60 Hz)	1500 rpm (50 Hz)
	External radiator cooling	Indirect watercooling	Indirect watercooling	Indirect watercooling
	AVR, forced ventilation	AVR + EBS	AVR + EBS	AVR + EBS
	230 VAC | 50 Hz	230 VAC | 50 Hz	N/A	N/A
	120/240 VAC | 60 Hz	120/240 VAC | 60 Hz	N/A	N/A
	230/400 VAC | 50 Hz 120/208 VAC | 60 Hz	230/400 VAC | 50 Hz 120/208 VAC | 60 Hz	230/400 VAC | 50 Hz 120/208 VAC | 60 Hz	230/400 VAC | 50 Hz
	200 %	300 %	300 %	300 %
	< 3 %	< 3 %	< 3 %	< 2 %
	± 5 %	± 5 %	± 5 %	± 5 %
	Mitsubishi S4S	Mitsubishi S4S	Mitsubishi S4S	Kubota V3800
	4	4	4	4
	3331 203.3	3331 203.3	3331 203.3	3.769 229.9
	94 x 120 3.70 x 4.72	94 x 120 3.70 x 4.72	94 x 120 3.70 x 4.72	100 x 120 3.94 x 4.72
	1260 x 680 x 800 49.6 x 26.8 x 31.5	1440 (or 1555) x 749x 805 56.7 (or 61.2) x 29.5 x 31.7	1550 x 749 x 805 61 x. 29.5 x 31.7	1985 x 940 x 1075 78.1 x 37.0 x 42.3
	580 1279	660 1455	660 1455	850 1873.9
	Ø 2 inch BSP	Ø 2 inch BSP	Ø 2 inch BSP	Ø 2 inch BSP
	25º in all directions	25º in all directions	25º in all directions	25º in all directions
	DDC	DDC	DDC	Deepsea controller
	WhisperTouch full color panel 7" or 10"	DeepSea control or WhisperTouch full color panel 7" or 10"	DeepSea control or WhisperTouch full color panel 7" or 10"	WhisperTouch full color panel 7" or 10"
	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating

Mobile Diesel Generator

W-SQ Pro 15



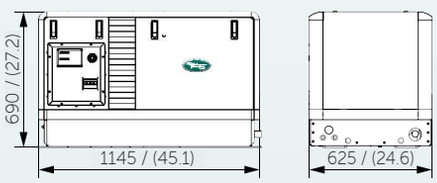
Available as Stage V:

230 VAC | 50 Hz | 1 Phase
230/400 VAC | 50 Hz | 3 Phase

Available as Non Stage V:

230 VAC | 50 Hz | 1 Phase
120/240 VAC | 60 Hz | Split Phase
230/400 VAC | 50 Hz | 3 Phase
120/208 VAC | 60 Hz | 3 Phase

Dimensions W-SQ Pro 15



DDC remote control panel (standard)



DeepSea Control (optional)





		W-SQ Pro 15	
		STAGE V	NON-STAGE V
50 Hz | 1 Phase	→	41207020-STV	41207020
60 Hz | Split Phase	→	N/A	41207025
50 Hz | 3 Phase	→	41207320-STV	41207320
60 Hz | 3 Phase	→	N/A	41207325
POWER OUTPUT			
Intermittent Power kW		12	12.5
Continuous power kVA at 25°C (77°C)		13.75	15
Continuous power kW at 25°C (77°C)		11.	12
ENGINE SPECIFICATIONS			
Type		Kubota V1505 BG	
Cylinder quantity		4	
Displacement, cc (cu. In.)		1498 (91.5)	
Bore, mm (in.)		78.0 (3.07)	
Stroke, mm (in.)		78.4 (3.09)	
Compression ratio		23.0	
Combustion system		IDI	
Nominal speed, rpm		1500 (50 Hz) / 1800 (60 Hz)	
Net Continuous power at rated rpm, kW (hp)		12.0 (16.4)	
Governor, type		Mechanical (±5%)	
Max. operating angle		20°	
ENGINE ELECTRICAL SYSTEM			
Battery, voltage		12 VDC	
Battery, charging module		40 A	
Battery, minimum recommendation		55 Ah	
Starter motor		12 VDC / 1.2 kW	
COOLING SYSTEM			
Capacity, L, approx..		4.0	
Heat extraction		Radiator	
Thermostat		Open at 76.6°C	
		Full open at 85°C	
FUEL SYSTEM			
Fuel shut off solemoid		Electrical (ETR)	
Fuel injection pump		In-Line pump	
Fuel lift pump		Facet Gold Flo	
LUBRICATION SYSTEM			
Oil pump type		Pressure	
Oil pan capacity with filter, L (gal.)		6.7 (1.8)	
OPERATION REQUIREMENTS		**50 Hz**	**60 Hz**
Engine Speed RPM		1500	1800
Air requirements, ft3/ min		1.5 / (53.0)	1.5 / (63.6)
Max, air intake restriction, kPa		2.45	2.94
Max. allowed exhaust pressure, kPa		7.07	8.48
FUEL CONSUMPTION g/kWh		**50 Hz**	**60 Hz**
100% load		247	253
Optional: Crankcase heater, Keel cooling, Mass free			

DIMENSIONS & WEIGHT	Without Sound Shield		With Sound Shield	
Length mm (in.)	984	(38,4)	1145	(45,1)
Width mm (in.)	462	(18,2)	625	(24,6)
Height mm (in.)	625	(24,6)	690	(27,2)
Weight kg (lb.) Wet	385	(848,8)	425	(937,0)
Weight kg (lb.) Dry	370	(815,7)	410	(904,0)



Top-Cool radiator
Art. Nr. 40230631



Kit radiator
Art. Nr. 40201877



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR W-SQ Pro 15	
Article number	**Definition**	
40230631	Option 1: Top-Cool radiator	roof installation
40201877	Option 2: Kit radiator	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR W-SQ Pro 15		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+, 4 liters	2 containers required
42401460	A-kit maintenance parts		
42401461	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401460



B-kit maintenance parts
Art. Nr. 42401461

Mobile Diesel Generator

W-SQ Pro 18



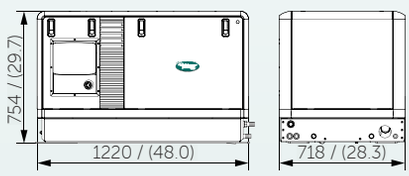
Available as Stage V:

230 VAC | 50 Hz | 1 Phase
230/400 VAC | 50 Hz | 3 Phase

Available as Non Stage V:

230 VAC | 50 Hz | 1 Phase
120/240 VAC | 60 Hz | Split Phase
230/400 VAC | 50 Hz | 3 Phase
120/208 VAC | 60 Hz | 3 Phase

Dimensions W-SQ Pro 18



DDC remote control panel (standard)



DeepSea Control (optional)





		W-SQ Pro 18	
		STAGE V	NON-STAGE V
50 Hz | 1 Phase	→	41208120 -STV	41208120
60 Hz | Split Phase	→	N/A	41208125
50 Hz | 3 Phase	→	41208320 -STV	41208320
60 Hz | 3 Phase	→	N/A	41208325
POWER OUTPUT		**STAGE V**	**NON-STAGE V**
Intermittent Power kW		14.5	16.5
Continuous power kVA at 25°C (77°C)		17.5	20
Continuous power kW at 25°C (77°C)		14	16
ENGINE SPECIFICATIONS			
Type		Kubota V2203 M BG	
Cylinder quantity		4	
Displacement, cc (cu. In.)		2197 (134)	
Bore, mm (in.)		87 (3,4)	
Stroke, mm (in.)		92,4 (3,6)	
Compression ratio		22.0	
Combustion system		IDI	
Nominal speed, rpm		1500 (50 Hz) / 1800 (60 Hz)	
Net Continuous power at rated rpm, kW (hp)		17.2 (23.1)	
Governor, type		Mechanical (±5%)	
Max. operating angle		20°	
ENGINE ELECTRICAL SYSTEM			
Battery, voltage		12 VDC	
Battery, charging module		40 A	
Battery, minimum recommendation		100 Ah	
Starter motor		12 VDC / 1.4 kW	
COOLING SYSTEM			
Capacity, L, approx..		4.0	
Heat extraction		Radiator	
Thermostat		Open at 76.6°C	
		Full open at 85°C	
FUEL SYSTEM			
Fuel shut off solemoid		Electrical (ETR)	
Fuel injection pump		In-Line pump	
Fuel lift pump		Facet Gold Flo	
Lubrication System			
Oil pump type		Pressure	
Oil pan capacity with filter, L (gal.)		7.6 (2.0)	
OPERATION REQUIREMENTS		**50 Hz**	**60 Hz**
Engine Speed RPM		1500	1800
Air requirements, ft3/ min		1.4 / (50.62)	1.4 / (50.62)
Max, air intake restriction, kPa		2.45	2.45
Max. allowed exhaust pressure, kPa		10.7	10.7
FUEL CONSUMPTION g/kWh		**50 Hz**	**60 Hz**
100% load		235	248
Optional: Crankcase heater, Keel cooling, Mass free			

DIMENSIONS & WEIGHT	Without Sound Shield	With Sound Shield
Length mm (in.)	999 (39,3)	1220 (48,0)
Width mm (in.)	568 (22,4)	718 (28,3)
Height mm (in.)	681 (26,8)	754 (29,7)
Weight kg (lb.) Wet	470 (1036,2)	510 (1124,4)
Weight kg (lb.) Dry	455 (1003,1)	495 (1091,3)



Top-Cool radiator
Art. Nr. 40230631



Kit radiator
Art. Nr. 40201877



Dry exhaust kit 1½"
Art. Nr. 40201875



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR W-SQ Pro 18	
Article number	**Definition**	
40230631	Option 1: Top-Cool radiator	roof installation
40201877	Option 2: Kit radiator	sidewall installation
40201875	Dry exhaust kit 1$^{1}/_{2}$"	insulation blankets included
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC | 100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR W-SQ Pro 18			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+	4 liters	3 containers required
42401360	A-kit maintenance parts			
42401361	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401360



B-kit maintenance parts
Art. Nr. 42401361

Mobile Diesel Generator

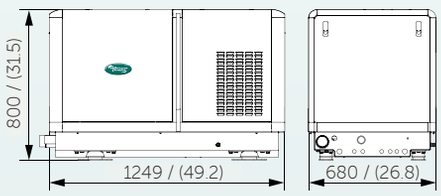
W-SQ 22.5



Available as:

230 VAC | 50 Hz | 1 Phase
120/240 VAC | 60 Hz | Split Phase
230/400 VAC | 50 Hz | 3 Phase
120/208 VAC | 60 Hz | 3 Phase

Dimensions W-SQ 22.5



DDC remote control panel





		W-SQ 22.5
50 Hz | 1 Phase	→	41101220
60 Hz | Split Phase	→	41101225
50 Hz | 3 Phase	→	41131220
60 Hz | 3 Phase	→	41131225

MAIN SPECIFICATIONS	
RPM range	1500 (50 Hz) / 1800 (60 Hz)
Alternator	3 phase synchronous (air cooled)
Engine	Mitsubishi diesel, model S4S (Japan)
Number of cylinders	4
Displacement, L (cu. In.)	3.331 (203.3)
Bore & stroke, mm (in.)	94 x 120 (3.7 x 4.7)
Combustion air consumption	10 m^3/min. / (353 ft^3 / min)
Continuous power 50 Hz	22.5 kVA/20.0 kW electric power
Cooling system	Indirect cooling by raw water, 22.5-25 l/min.
Cooling water pump	PTO driven WhisperPower self-priming impeller pump, type M16
Fuel lift pump engine	Mechanical pump, additional electrical pump available upon request
Starting battery (optional)	12 VDC 145 Ah
Fuel consumption	2-9 litre/hour, load dependent
Control	Digital Diesel Control including automatic start/stop

ELECTRICAL SPECIFICATIONS	
Output voltage	230/400 VAC 50 Hz alternating current (AC) tri phase re-connectable to take off single phase or dual voltage
Output rating 50Hz	22.5 kVA /20 kw at power factor cos phi = 1
Voltage tolerance	± 2% (balanced load)
Frequency tolerance	± 3%
Alternator	Air cooled, brushless, four pole, twelve wire, synchronous
Voltage regulation	AVR

MECHANICAL SPECIFICATIONS	
Supply includes	Sound shield with steel base, mounted on rubber anti vibration mounts. (Genset without sound shield is optional)
Colour:	metallic silver / grey
Max. operation angle	25 degrees
Standard supplies	Remote panel (+15 m cable), fuel filter, fuel lift pump, user and installation manuals
Optional	Installation kits, mobile (vehicle) version, non-earth return, spare part kits, PTO to drive hydraulic pump

DIMENSIONS & WEIGHT	**Without Sound Shield**		**With Sound Shield**	
Height mm (in.)	1150	(45.3)	1249	(49.2)
Width mm (in.)	600	(23.6)	680	(26.8)
Length mm (in.)	750	(29.5)	798	(31.4)
Dry weight kg (lb.)	580	(1278.0)	480	(1058.2)



Top-Cool radiator
Art. Nr. 40230632



Kit radiator
Art. Nr. 40201897



Dry exhaust kit 2"
Art. Nr. 40201889



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR W-SQ 22.5	
Article number	**Definition**	
40230632	Option 1: Top-Cool radiator	roof installation
40201897	Option 2: Kit radiator	sidewall installation
40201889	Dry exhaust kit 2"	insulation blankets included
40230546	Exp. Tank 7L kit	with gauge glass
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290062	Starter battery	AGM Power - 12 VDC | 145 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR W-SQ 22.5			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+	4 liters	4 containers required
40201560	A-kit maintenance parts			
40201561	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201560



B-kit maintenance parts
Art. Nr. 40201561

Mobile Diesel Generator

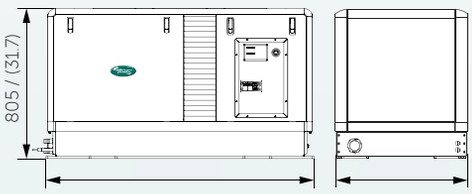
W-SQ Pro 27



Available as:

230 VAC | 50 Hz | 1 Phase
120/240 VAC | 60 Hz | Split Phase
230/400 VAC | 50 Hz | 3 Phase
120/208 VAC | 60 Hz | 3 Phase

Dimensions W-SQ Pro 27



1440 / (56.7) - for 1 & Split Phase
1555 / (61.2) - for 3 Phase

749 / (29.5)

DDC remote control panel



DeepSea Control (optional)





		W-SQ Pro 27
50 Hz | 1 Phase	→	41202020
60 Hz | Split Phase	→	41202025
50 Hz | 3 Phase	→	41202320
60 Hz | 3 Phase	→	41202325
ELECTRICAL SPECIFICATIONS		
RPM range		1500 (50 Hz) / 1800 (60 Hz)
Alternator		3 phase synchronous (air cooled)
Engine		Mitsubishi diesel, model S4S (Japan)
Number of cylinders		4
Displacement, L (cu. In.)		3.331 (203.3)
Bore & stroke, mm (in.)		94 x 120 (3.7 x 4.7)
Combustion air consumption		10 m^3/min. / (353 ft^3 / min)
Continuous power 50Hz		20 kW electric power
Cooling system		indirect cooling by raw water, 20-25 l/min.
Cooling water pump		PTO driven WhisperPower self-priming impeller pump, type M16
Fuel lift pump engine		Mechanical pump, additional electrical pump available upon request
Starting battery (optional)		12 VDC | 145 Ah
Fuel consumption		2-9 litre/hour, load dependent
Control		Digital Diesel Control including automatic start/stop
ELECTRICAL SPECIFICATIONS		
Output voltage		230/400 VAC 50 Hz alternating current (AC) tri phase re-connectable to take off single phase or dual voltage
Output rating 50 Hz		20 kVA at power factor cos phi = 1
Voltage tolerance		± 2% (balanced load)
Frequency tolerance		± 3%
Alternator		Air cooled, brushless, four pole, twelve wire, synchronous
Voltage regulation:		AVR
MECHANICAL SPECIFICATIONS		
Supply includes		Sound shield with steel base, mounted on rubber anti vibration mounts. (Genset without sound shield is optional)
Colour:		metallic silver / grey
Max. operation angle		25 degrees
Standard supplies		Remote panel (+15 m cable), fuel filter, fuel lift pump, user and installation manuals
Optional		Installation kits, mobile (vehicle) version, non-earth return, spare part kits, PTO to drive hydraulic pump

DIMENSIONS & WEIGHT		**Without Sound Shield**	**With Sound Shield**
Length mm (in.)	1 & Split Phase 3 Phase	1275 (50.2) 1400 (55.1)	1440 (56.7) 1555 (61.2)
Width mm (in.)	1 & Split Phase 3 Phase	595 (23.2) 600 (23.6)	749 (29.5)
Height mm (in.)	1 & Split Phase 3 Phase	710 (27.9) 730 (28.7)	805 (31.7)
Dry weight kg (lb.)	1 & Split Phase 3 Phase	567 (1250) 550 (1212)	660 (1455)



Top-Cool radiator
Art. Nr. 40230632



Kit radiator
Art. Nr. 40201897



Dry exhaust kit 2"
Art. Nr. 40201889



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR W-SQ Pro 27	
Article number	**Definition**	
40230632	Option 1: Top-Cool radiator	roof installation
40201897	Option 2: Kit radiator	sidewall installation
40201889	Dry exhaust kit 2"	insulation blankets included
40230546	Exp. Tank 7L kit	with gauge glass
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included
60208025	System monitoring	OctoControl Pro
40290062	Starter battery	AGM Power - 12 VDC | 145 Ah
40290108	Starter battery installation kit	>100 Ah - incl. battery charger - Handy 12 VDC | 7 A



System panel
Art. Nr. 40280101



System monitoring
Art. Nr. 60208025



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR W-SQ Pro 27			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+	4 liters	4 containers required
40201560	A-kit maintenance parts			
40201561	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201560



B-kit maintenance parts
Art. Nr. 40201561

Mobile Diesel Generator

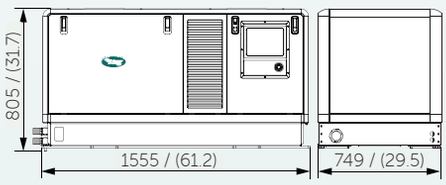
W-SQ Pro 32



Available as:

230/400 VAC | 50 Hz | 3 Phase
120/208 VAC | 60 Hz | 3 Phase

Dimensions W-SQ Pro 32



DeepSea Control (standard)



DeepSea Control (optional)





	W-SQ Pro 32
50 Hz | 3 Phase	41201420
60 Hz | 3 Phase	41201425
MAIN SPECIFICATIONS	
Intermittent Power kW at 25°C (77°F)	27 kW
Continuous Power kVA at 25°C (77°F)	32 kVA
Noise level	58 dB
RPM range	1500 (50 Hz) / 1800 (60 Hz)
Cooling	Indirect water cooled
Alternator voltage regulation	AVR + EBS, forced ventilation
Nominal voltage / frequency	230 -400VAC, 3 ph, 50 Hz (60 Hz)
Peak power 2 s	300%
Harmonic distortion	< 2%
Frequency tolerance	± 5 %
DIESEL ENGINE SPECIFICATIONS	
Engine	WhisperPower Mitsubishi S4S
Number of cylinders	4
Cylinder volume	3331 cc / 203.3 cu. In.
Bore & stroke, mm (in.)	94 x 120 (3.7 x 4.7)
Air consumption	2.8 m^3/min / (98.9 ft^3 / min)
Cooling system	indirect
Fuel consumption (no load - full load)	1-6 l/hr
Starter battery charge current	12 VDC / 145 Ah
Dry exhaust / wet exhaust	Ø 2 inch BSP
Oil dipstick	Top & side
Max. operating angle	25º in all directions

DIMENSIONS & WEIGHT	Without Sound Shield	With Sound Shield
Length mm (in.)	1400 (61.2)	1555 (61.2)
Height mm (in.)	600 (29.5)	749 (29.5)
Width mm (in.)	730 (31.7)	805 (31.7)
Dry weight kg (lb.)	550 (1212)	660 (1455)



Service side of the W-SQ Pro 32

Engine compartment is separated from the alternator compartment to enhance audible noise reduction



Top-Cool radiator
Art. Nr. 40230632



Kit radiator
Art. Nr. 40201898



Dry exhaust kit 2"
Art. Nr. 40201889

	ACCESSORIES & OPTIONS FOR W-SQ Pro 32		
Article number	**Definition**		
40230632	Option 1:	Top-Cool radiator	roof installation
40201898	Option 2:	Kit radiator	sidewall installation
40201889	Dry exhaust kit 2"		insulation blankets included
40230546	Exp. Tank 7L kit		with gauge glass
50208053	Remote control panel		DSE display
40290062	Starter battery		AGM Power - 12 VDC | 145 Ah
40290108	Starter battery installation kit		>100 Ah - incl. battery charger - Handy 12 VDC | 7 A
40230205	Universal fuel kit		



Remote control panel
Art. Nr. 50208053



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108



Universal fuel kit
Art. Nr. 40230205

	EXTRA ACCESSORIES FOR W-SQ Pro 32			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+	4 liters	4 containers required
40201560	A-kit maintenance parts			
40201561	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201560

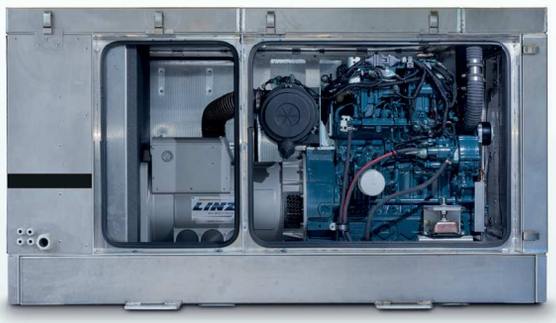


B-kit maintenance parts
Art. Nr. 40201561

Mobile Diesel Generator

W-SQ Pro 40 - 50 dB(A)





The W-SQ Pro 40 Generator is a super-quiet 40 kVA mobile generator, meets a noise standard of <50 dB(A) and complying with the stringent emission standards (Stage V).

Regulations regarding diesel generators for mobile use are becoming more stringer.
Therefor the W-SQ Pro 40 includes an exhaust After Treatment system, containing a Diesel Oxidation Catalyst (DOC) and a DPF (Diesel Particle Filter).

	MOBILE GENERATOR • AC OUTPUT • METAL SOUND SHIELD • 1500 /1800 rpm				
Article number	**Model**	**Engine**	**Voltage**	**Power**	**Phase**
41201620	**W-SQ Pro 40**	Kubota V3800-CR-TE5BG2	230/400 VAC / 50 Hz	40 kVA	3-Phase

The generator comes with a robust sound-shield with corrosion proof metal plating and heavy insulation material for optimal sound reduction. The sound shield is equipped with easy entry to all sides of the generator and offers access to all maintenance related components from one-side.

By using lightweight aluminum elements for the composition of the sound box, the total weight has remained under 875 kg. One of the many applications of the new W-SQ Pro 40 Stage V generators is the broad casting industry as silent and clean power supply unit.

The Kubota V3800-CR-TE5BG2 has the certificates below

- Regulation (EU) 2016/1628
- Implementing Regulation (EU) 2018/988
- Delegated Regulations (EU) 2018/987 and (EU) 2018/989

The generator is designed in such a way that a large inverter/ battery charger system with Lithium batteries can be added for emission-free intervals without a diesel generator running.



SPECIFICATIONS IN BRIEF:	
Model	W-SQ Pro 40
Power	35 kW cont. at 25°C
Nominal voltage / frequency	3 phase 400 VAC | 50 Hz
RPM range	1500 rpm
Weight	875 kg
Dimensions (W x D x H) **mm** **in.**	1985 x 940 x 1075 78.1 x 37 x 42.3
Cooling	Radiator cooled

Diesel Generator

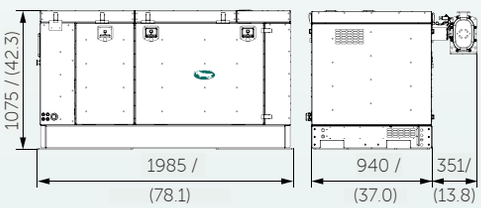
W-SQ Pro 40



Available as:

230 - 400 VAC | 50 Hz | 35 kW

Dimensions W-SQ Pro 40

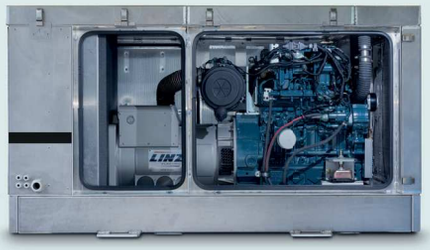


DDC remote control panel



DeepSea Control (optional)





	W-SQ Pro 40			
POWER OUTPUT	**3 PHASE**			
Intermittent Power kW	38.5 kW			
Continuous power kVA at 25°C (77°C)	40 kVA			
Continuous power kW at 25°C (77°C)	35 kW			
ENGINE SPECIFICATIONS				
Type	Kubota V3800-CR-TE5BG2-SAE2			
Cylinder quantity	4			
Displacement, L (cu. In.)	3,769 (229.9)			
Bore, mm (in.)	100 (3,9)			
Stroke, mm (in.)	120 (4,7)			
Compression ratio	17.5			
Aspiration	Turbo charged			
No load maximum speed, rpm	1500			
Net stand-by power at rated rpm, kW (pk)	42,8 (57,4)			
Net Continuous power at rated rpm, kW (pk)	38,9 (52,2)			
Noise level (dB at 1m), no load / full load excluding soundshield	85 / 89			
Angular operation continuous	200°			
Dry weight (kg) ex. wire harness and after treatment, AE No. 10/No.11-1/2 flywheel and No. 3 flywheel housing	300			
ENGINE ELECTRICAL SYSTEM				
Battery, voltage	12 VDC			
Battery, charging module	45 A			
Battery, minimum recommendation	120 Ah			
Starter motor	12 VDC / 3 kW			
COOLING SYSTEM				
Heat rejection to coolant, kW (kcal/h)	34.1 (29400)			
Capacity, L, approx.	40			
Radiator type	2x double top cool (preliminary)			
Thermostat	Open at 76.5°C, full open at 85°C			
FUEL SYSTEM				
Fuel system	Common rail system			
Combustion system	Direct Injection			
Fuel lift pump	Facet Gold Flo			
Fuel consumption at Stand-by power (L/h)	12.5			
LUBRICATION SYSTEM				
Oil pump type	Forced by trochoid pump			
Oil type	CJ-4, CK-4			
Oil pan capacity with filter, L (gal.)	13.2 (3.49)			
Oil filter	On the engine			
Oil change interval (h)	500			
FUEL CONSUMPTION g/kWh				
100 % load	229			
DIMENSIONS & WEIGHT	**Without Sound Shield**		**With Sound Shield**	
Wet Weight kg (lb.)	704	(1552.1)	875	(1929.0)
Dry weight kg (lb.)	679	(1496.9)	850	(1873.9)
Length mm (in.)	1380	(54.3)	1985	(78.1)
Width mm (in.)	590	(23.2)	940	(37.0)
Height mm (in.)	880	(34.6)	1075	(42.3)

Diesel Generator

AtlasGO



AtlasGO are strong, powerful and reliable generator systems that can be picked up and dropped for the next job or installed permanently. Main applications: back-up emergency power for on-grid situations, prime power for off-grid situations, auxiliary power for Lithium based zero-emission power systems with large inverters and so on. Application fields are enormous: telecom, road, railroad, contractor industry, fire departments, etc. The AtlasGO sets are not built to be compact and lightweight, but to have necessary parts integrated in one enclosure.

The AtlasGo range of mobile/ off-grid diesel generators are complete, ready-to-use, pre-assembled power packs. Choose from 7.5 kVA (AtlasGO 8) up to the 44 kVA (AtlasGO 44).
All AtlasGo power packs consist of a low emission stage V liquid cooled diesel generator, an industrial heavy-duty alternator to supply single or three-phase AC, mounted on a base frame with robust sound shield to reduce the audible noise level to 65 dB(A).

Exhaust system, radiator, starter battery, and a dashboard with read-out and electrical connections are integrated into the sound guard. All units can be prepared to connect to the Internet or SIM card routers to monitor your generator system from where ever you are. Maintenance intervals of up to 500 hours.
Manufactured: in the Benelux to the highest industrial standards. Main applications: emergency power in case of mains failure, prime power/ utility grid replacement, back-up power. User groups: telecom companies, railroad companies, fire departments, building contractor industry, agricultural sector, generator rental sector, mobile sector, marine sector (pontoons), emergency power sector.



STAGE V certified

HVO ready

Diesel Generator

AtlasGo



	READY TO USE MOBILE/LAND GENERATOR • ATLAS GO *)				
Article number	**Definition**				
41400801	**AtlasGO 8**	Diesel Generator	7.5 kVA	230 VAC / 50 Hz	1-phase DSE
41400901	**AtlasGO 9**	Diesel Generator	9 kVA	400 VAC / 50 Hz	3-phase DSE
41401101	**AtlasGO 11**	Diesel Generator	11 kVA	230 VAC / 50 Hz	1-phase DSE
41404001	**AtlasGO 14**	Diesel Generator	14 kVA	400 VAC / 50 Hz	3-phase DSE
41401801	**AtlasGO 18**	Diesel Generator	18 kVA	230 VAC / 50 Hz	1-phase DSE
41401901	**AtlasGO 20**	Diesel Generator	19 kVA	400 VAC / 50 Hz	3-phase DSE
41403001	**AtlasGO 30**	Diesel Generator	30 kVA	230 VAC / 50 Hz	1-phase DSE
41403301	**AtlasGO 34**	Diesel Generator	33 kVA	400 VAC / 50 Hz	3-phase DSE
41405001	**AtlasGO 44**	Diesel Generator	44 kVA	400 VAC / 50 Hz	3-phase DSE

*) Prices at request via sales@whisperpower.com

DEEP SEA ELECTRONICS
Art. Nr. 41400020 / 41400020
With a Deep Sea Electronics control module, WhisperPower offers the possibility to remotely control and manage a generator.

More options available at request.

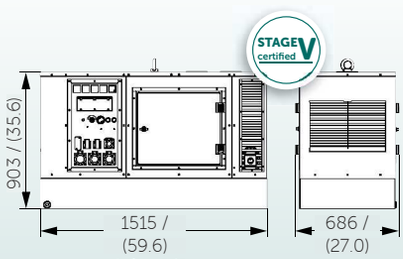
LARGER FUEL TANK
Art. Nr. 41400010
When the standard autonomy of the generator is not sufficient, WhisperPower offers the possibility to install a larger fuel tank. This means that you can work for a longer period of time without refuelling. This solution can be applied on all AtlasGO generators!

	ACCESSORIES & OPTIONS
Article number	**Definition**
41400010	AtlasGO - Large FUEL tank 400 ltr - Bunded with Generator
DEEP SEA ELECTRONICS	
41400020	AtlasGO - Remote monitoring (web-based control) by DSE890 for laptop / PC / Smart Phone / Tablet
41400021	AtlasGO - GSM/GPS 4G antenna - Belongs to 41400020

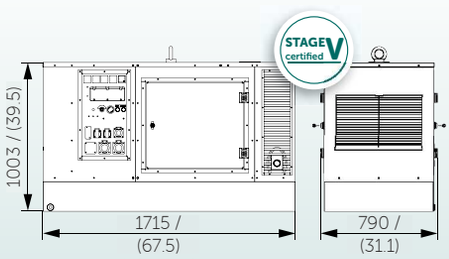
Diesel Generator

AtlasGo

	ATLASGO 8	ATLASGO 9	ATLASGO 11	ATLASGO 14
Article number	41400801 1-phase DSE	41400901 3-phase DSE	41401101 1-phase DSE	41404001 3-phase DSE
MAIN SPECIFICATIONS				
kVA max.	7.5	9	11	14
kVA cont.	7	8.5	10	13
kVA @ 1~230 V	7	2.8	10	4.3
kVA @ 3~400 V	n/a	8.5	n/a	13
Amps cont. @ 1~230 V	30 A	12.2 A	43 A	19 A
Amps cont. @ 3~400 V	n/a	12.3 A	n/a	19 A
DIESEL ENGINE SPECIFICATIONS				
Engine	Kubota D1105	Kubota D1105	Kubota D1703M	Kubota D1703M
HP max.	14	14	20	20
kW max.	10.3	10.3	15	15
rpm	1500	1500	1500	1500
Cylinder	3	3	3	3
Fuel	Diesel	Diesel	Diesel	Diesel
EU Emission norm	Stage V	Stage V	Stage V	Stage V
Cooling	Water-cooled	Water-cooled	Water-cooled	Water-cooled
Displacement	1123 cm^3	1123 cm^3	1647 cm^3	1647 cm^3
Consumption @75% load	1.9 litres/hour	1.9 litres/hour	2.6 litres/hour	2.6 litres/hour
Consumption @100% load	n/a	n/a	n/a	n/a
Tank	63 litres	63 litres	73 litres	73 litres
Autonomy @75% load	33.2 hours	33.2 hours	28.1 hours	28.1 hours
Autonomy @100% load	n/a	n/a	n/a	n/a
Noise level	65 dB(A) at 7 m	65 dB(A) at 7 m	65 dB(A) at 7 m	65 dB(A) at 7 m
LWA	90	90	90	90
DIMENSIONS & WEIGHT				
Dimensions (cabinet) mm In.	1515 x 686 x 903 59.6 x 27.0 x 35.6	1515 x 686 x 903 59.6 x 27.0 x 35.6	1715 x 790 x 1003 67.5 x 31.1 x 39.5	1715 x 790 x 1003 67.5 x 31.1 x 39.5
Weight incl. oil (+ coolant if water-cooled) ex. fuel	430 kg 947.9 lb.	440 kg 970.0 lb.	575 kg 1267.7 lb.	580 kg 1278.7 lb.
Weight incl. oil (+ coolant if water-cooled) + fuel	483 kg 1064.8 lb.	493 kg 1086.9 lb.	637 kg 1404.3 lb.	642 kg 1415.4 lb.
ALTERNATOR				
Brand/Type	Sincro SK160SA1 brushless	Mecc Alte ECP3-1L/4 brushless	Sincro SK160CA1 brushless	Leroy Somer LSA40S3 brushless
Nominal voltage	1~230 VAC	1~230 VAC and 3~400 VAC	1~230 VAC	1~230 VAC and 3~400 VAC
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Protection degree	IP23	IP23	IP23	IP23

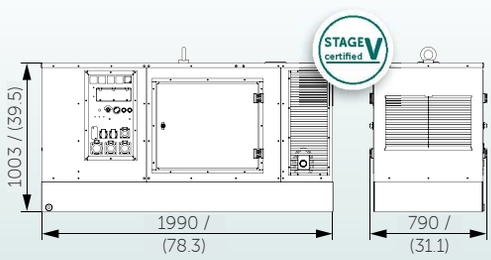


Atlas 8/9

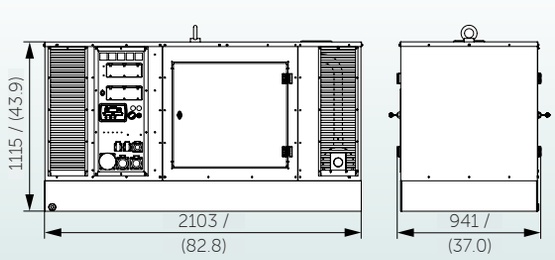


Atlas 11/14

ATLASGO 18	ATLASGO 20	ATLASGO 30	ATLASGO 34	ATLASGO 44
41401801 1-phase DSE	41401901 3-phase DSE	41403001 1-phase DSE	41403301 3-phase DSE	41405001 3-phase DSE
18	19	30	33	44
16	18	28	30	40
16	6.7	28	10	13
n/a	18	n/a	30	40
70 A	29 A	122 A	43 A	58 A
n/a	26 A	n/a	43 A	58 A
Kubota V2203M	Kubota V2203M	Kubota V3800DIT	Kubota V3300	Kubota V3800DIT
23	23	57	37	57
17	17	42	28	42
1500	1500	1500	1500	1500
4	4	4	4	4
Diesel	Diesel	Diesel	Diesel	Diesel
Stage V	Stage V	Non-emission IIIa	Non-emission IIIa	Non-emission IIIa
Water-cooled	Water-cooled	Water-cooled	Water-cooled	Water-cooled
2197x cm^3	2197 cm^3	3769 cm^3	3318 cm^3	3769 cm^3
3.7 litres/hour	3.7 litres/hour	7.7 litres/hour	6 litres/hour	7.7 litres/hour
n/a	n/a	10 litres/hour	8 litres/hour	10 litres/hour
80 litres	80 litres	90 litres	90 litres	90 litres
21.6 hours	21.6 hours	11.7 hours	15 hours	11.7 hours
n/a	n/a	9 hours	11.3 hours	9 hours
65 dB(A) at 7 m	65 dB(A) at 7 m	65 dB(A) at 7 m	65 dB(A) at 7 m	65 dB(A) at 7 m
90	90	90	90	90
1990 x 790 x 1003 78.3 x 31.1 x 39.5	1990 x 790 x 1003 78.3 x 31.1 x 39.5	2103 x 941 x 1115 82.8 x 37.0 x 43.9	2103 x 941 x 1115 82.8 x 37.0 x 43.9	2103 x 941 x 1115 82.8 x 37.0 x 43.9
660 kg 1455.1 lb.	660 kg 1455.1 lb.	970 kg 2138.5 lb.	887 kg 1955.5 lb.	928 kg 2045.9 lb.
728 kg 1604.9 lb.	728 kg 1604.9 lb.	1046 kg 2306.0 lb.	963 kg 2123.1 lb.	1004 kg 2213.4 lb.
Sincro SK160LA1	Mecc Alte ECP28-M/4 brushless	Mecc Alte ECP32-3S/4 brushless	Leroy Somer LSA42. 3VS 3AREP brushless	Leroy Somer LSA42. 3VS 3AREP brushless
1~230 VAC	1~230 VAC and 3~400 VAC	1~230 VAC	1~230 VAC and 3~400 VAC	1~230 VAC and 3~400 VAC
50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
IP23	IP23	IP23	IP23	IP23



Atlas 18/20



Atlas 30/34/44

Installation Parts for Scalino, Elite and W-SQ Pro generators

Exhaust Kits



Art. nr. 40201326
Stainless steel Combi style muffler for under-floor mounting

A well designed and installed exhaust system is required to make the WhisperPower system as quiet as possible. We offer two different exhaust systems: a Combi absorption/ resonance muffler of stainless steel, which is a compact and space saving solution for all 1 and 2 cylinder based systems. For optimum noise reduction and the multi cylinder systems, two silencers are needed: an absorption and resonance muffler.

	DRY EXHAUST KITS
Article number	**Definition**
40201326	Dry exhaust kit 1" Combi style muffler for Scalino models Elite 8 / 10
40201325	Dry exhaust kit 1" for Scalino 4 models Elite 8 / 10
40201875 *)	Dry exhaust kit 1$^{1}/_{2}$" for the W-SQ Pro 15, 18 and the Elite 12 / 15
40201889 *)	Dry exhaust kit 2" for the W-SQ 20, 25, 27, 32

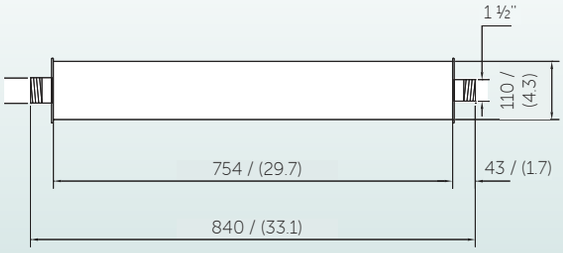
*) Insulation blankets are included

EXHAUST MUFFLERS FOR GENVERTER/ CLASSIC SQ MULTI-CYLINDER MODELS

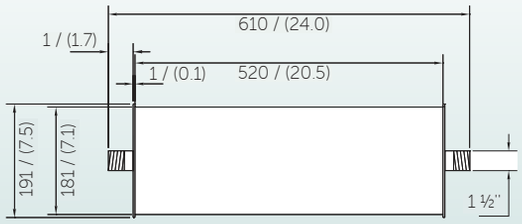
Complete exhaust kit with absorption muffler, resonance muffler, isolation blankets, flexible steel connection parts and various metal parts needed to create one system. Includes the parts to connect the muffler system to the vehicle.



Dimensions absorption muffler 1½"



Dimensions resonance muffler 1½"

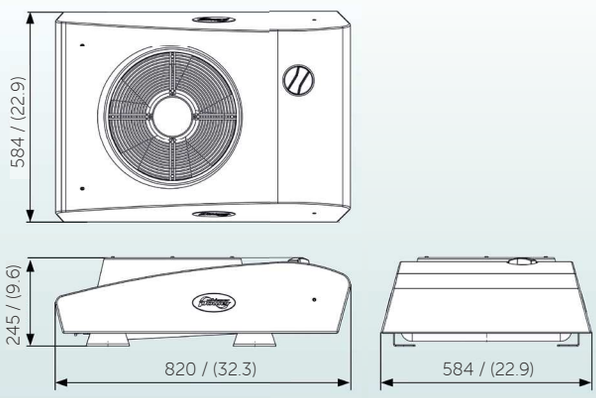


Installation Parts

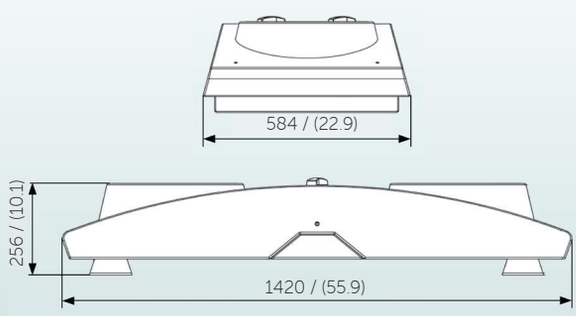
Top Cool Series

Top Cool Single kit						Top Cool Dual kit		
								
MODEL Art. Nr.	**230 VAC** 40230670	**230 VAC** 40230672	**12 VDC** 40230674	**12 VDC** 40230676	**24 VDC** 40230671	**230 VAC** 40230631	**230 VAC** 40230632	**230 VAC** High amb. temp. 40230673
Elite GV 2			■		■			
Elite GV 2 Outdoor			■		■			
Elite GV 3			■		■			
Elite GV 3 Plus				■				
Elite GV 3 Plus Outdoor				■				
Elite 8	■							
Elite 8 Outdoor	■							
Elite 10	■							
Elite 12		■						■
Elite 15		■						■
Elite 15 Outdoor				■				
Scalino 4 Outdoor								
W-SQ Pro 15						■		
W-SQ Pro 18						■		
W-SQ 22.5							■	
W-SQ Pro 25							■	
W-SQ Pro 27							■	
W-SQ Pro 32							■	

Dimensions Top Cool Single kit



Dimensions Top Cool Dual kit



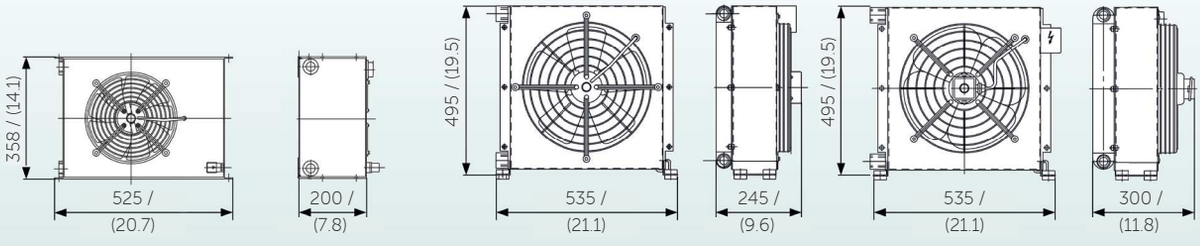
Cooling

Radiator Kits

Radiator kit A				Radiator kit B		Radiator kit C		
								
MODEL Art. Nr.	**230 VAC** 40201879	**12 VDC** 40201868	**24 VDC** 40201869	**230 VAC** 40201864	**12 VDC** 40201865	**230 VAC** 40201877	**12 VDC** 40201863	**24 VDC** 40201866
Elite GV 2		■	■					
Elite GV 2 Outdoor		■	■					
Elite GV 3					■			
Elite GV 3 Plus							■	
Elite GV 3 Plus Outdoor							■	
Elite 8	■							
Elite 8 Outdoor	■							
Elite 10				■				
Elite 12						■		
Elite 15								
Elite 15 Outdoor							■	
Scalino 4 Outdoor								
W-SQ Pro 15						■		
W-SQ Pro 18						■		
W-SQ 22.5								
W-SQ Pro 25								
W-SQ Pro 27								
W-SQ Pro 32								

Dimensions Radiator kits

* Dimensions of all radiators are based on 230 VAC models

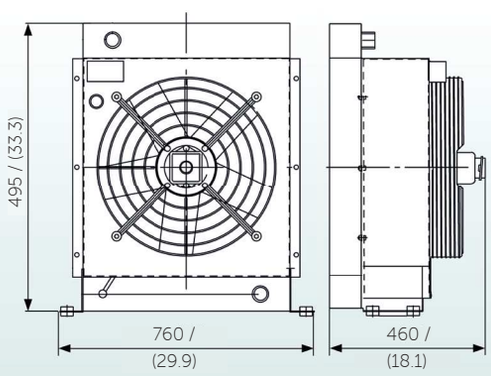


Radiator kit A | Radiator kit B | Radiator kit C

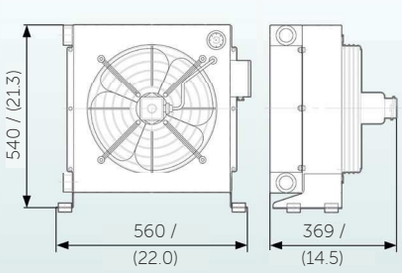
Radiator Kits

Radiator kit D			Radiator kit E	Radiator kit F
				
MODEL Art. Nr.	**230 VAC | 1 phase** 40201897	**400 VAC | 3 phase** 40201898	**400 VAC** 40201872	**12 VDC** 40201318
Elite GV 2				
Elite GV 2 Outdoor				
Elite GV 3				
Elite GV 3 Plus			■	
Elite GV 3 Plus Outdoor			■	
Elite 8				
Elite 8 Outdoor				
Elite 10				
Elite 12				
Elite 15			■	
Elite 15 Outdoor				
Scalino 4 Outdoor				■
W-SQ Pro 15				
W-SQ Pro 18				
W-SQ 22.5 *)	□	□		
W-SQ Pro 25 *)	□	□		
W-SQ Pro 27 *)	□	□		
W-SQ Pro 32 *)	□	□		

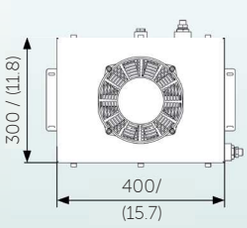
*) Depends of 1 or 3 phase



Radiator kit D



Radiator kit E



Radiator kit F

Monitoring & Control

Remote Panels



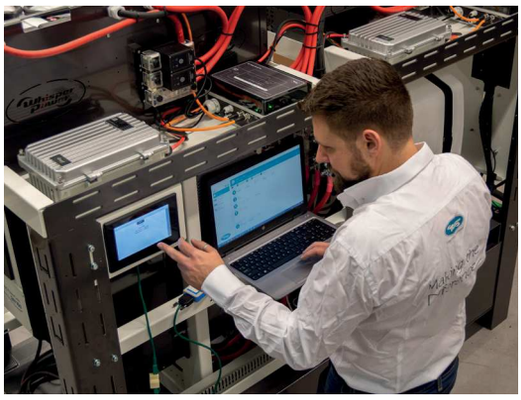
	Genverter control Standard supply	DDC remote control panel Art. Nr. 40209102	DeepSea Control (optional)		WhisperTouch (optional) Not with DSE Generators		
			 Art. Nr. 50208053  Art. Nr. 50208054				
MODEL Art. Nr.			**2510 MKII** 50208054	**8003 MKII** 50208053	**5"** 40280105	**7"** 40280101	**10"** 40280102
Elite GV 2		■			□	□	□
Elite GV 2 Outdoor		■			□	□	□
Elite GV 3		■			□	□	□
Elite GV 3 Plus		■			□	□	□
Elite GV 3 Plus Outdoor		■			□	□	□
Elite 8		■			□	□	□
Elite 8 Outdoor		■			□	□	□
Elite 10		■			□	□	□
Elite 12		■			□	□	□
Elite 15		■			□	□	□
Elite 15 Outdoor		■			□	□	□
Scalino 4 Outdoor	■				□	□	□
W-SQ Pro 15		■	□	□	□	□	□
W-SQ Pro 18		■	□	□	□	□	□
W-SQ 22.5		■			□	□	□
W-SQ Pro 25		■	□	□	□	□	□
W-SQ Pro 27		■	□	□	□	□	□
W-SQ Pro 32			□	■			

■ = Standard □ = Optional

The Company

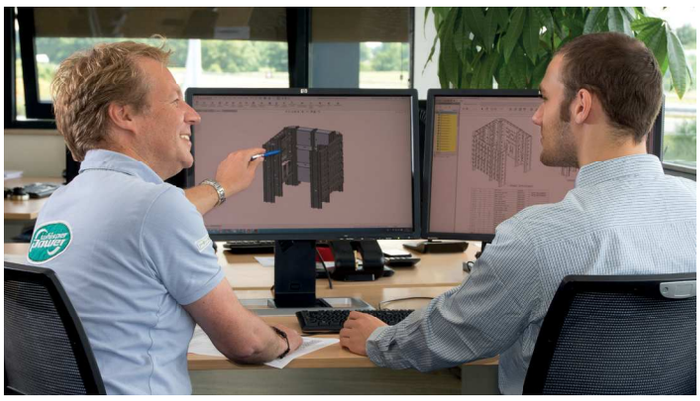
WhisperPower was founded in 2007 for the manufacturing of diesel generators and related items. Up to 2010 these products were sold under the Mastervolt brandname. Since then, the company has quickly and successfully grown and developed especially in terms of innovation and quality.

The product portfolio has been significantly expanded with products and components which form complete electrical systems for vehicles, vessels or locations which do not have (permanent) connection to the public grid. They can be assembled for Plug and Play solutions.
WhisperPower has used its years of experience in developing systems containing a diesel engine to develop in-house, a new generation of power electronics. The product range covers power range options from 500 W to 500 kW.



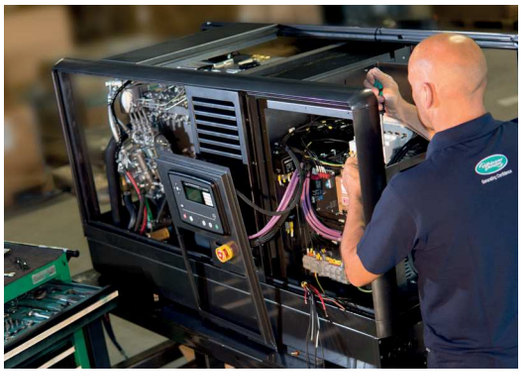
In-house production

A large proportion of WhisperPower's production takes place in a modern 5500 m^2 factory in the Netherlands where work is done in accordance with ISO standards. Each integrated diesel product is tested extensively (3 hours) and receives a test certificate.

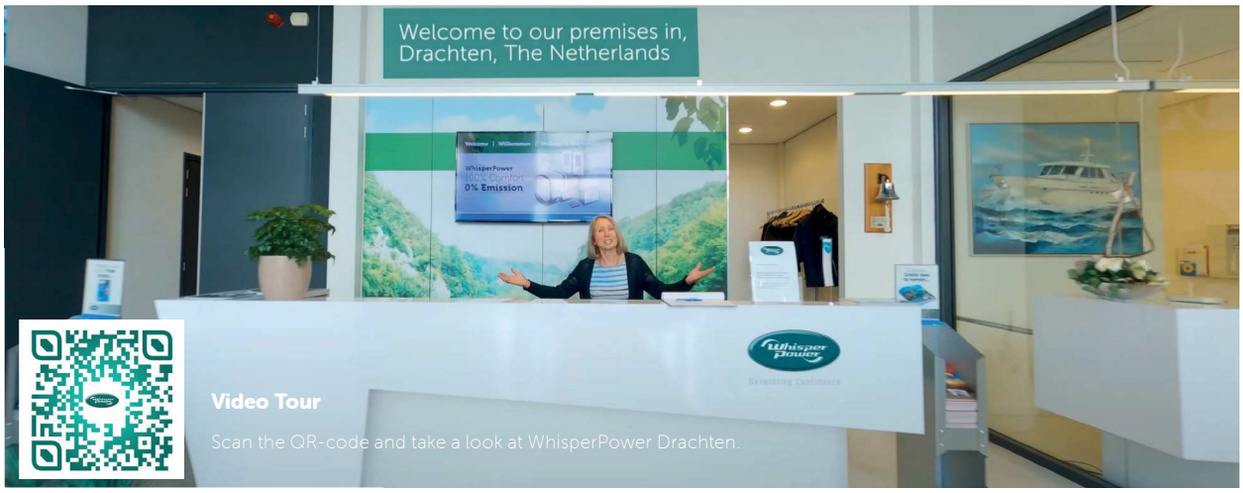


International Network

A comprehensive network of national and international dealers, installers and distributors ensures that WhisperPower products and systems find their way to the end user. In many countries, the network operates from an established WhisperPower commercial site. Service and warranty come first for us! For an overview of our network, please go to: www.whisperpower.com/where-to-buy







Delivered anywhere, at any time

Service & Support

WhisperPower's service and support goes way beyond production and sales. We remain responsible for our products, systems and accessories, providing all necessary service and support before, during and after your purchase. This ranges from system recommendations and installation to first class service for maintenance and repairs.

Important information
WhisperPower aims for continuous product improvements. This might result in different product specifications than actually shown In this price list, catalogue or website. We cannot be held responsible for anything caused by product alterations or printing errors in this price list.

Bespoke system advice
Our engineers and advisors have a wealth of experience in the development and realisation of electrical power systems and are always available to help you plan your own. This includes installing a genset or genverter and more complex systems. Our designers will ensure the ideal set-up and a system with optimal efficiency, even when combining your generator system with fuel cells or solar or wind generator power.

Global sales & distribution network
The growing network of WhisperPower dealers and distributors covers the world.
Our international brand is locally represented by companies including bodywork manufacturers, shipyards, electrical and mechanical contractors and sector specific companies. Their trained specialists and professionals are available for servicing mobile, marine or domestic applications.



Detailed documentation Material

The extensive WhisperPowerBook for Marine markets is available free of charge in Dutch, German, English, French and Spanish. Mail to sales@whisperpower.com and you will receive the desired item by mail, you will also automatically receive the Marine Price List.
For the recreational and professional land mobile markets, we also have a comprehensive catalog available, the WhisperPowerBook Mobile with a separate price list.

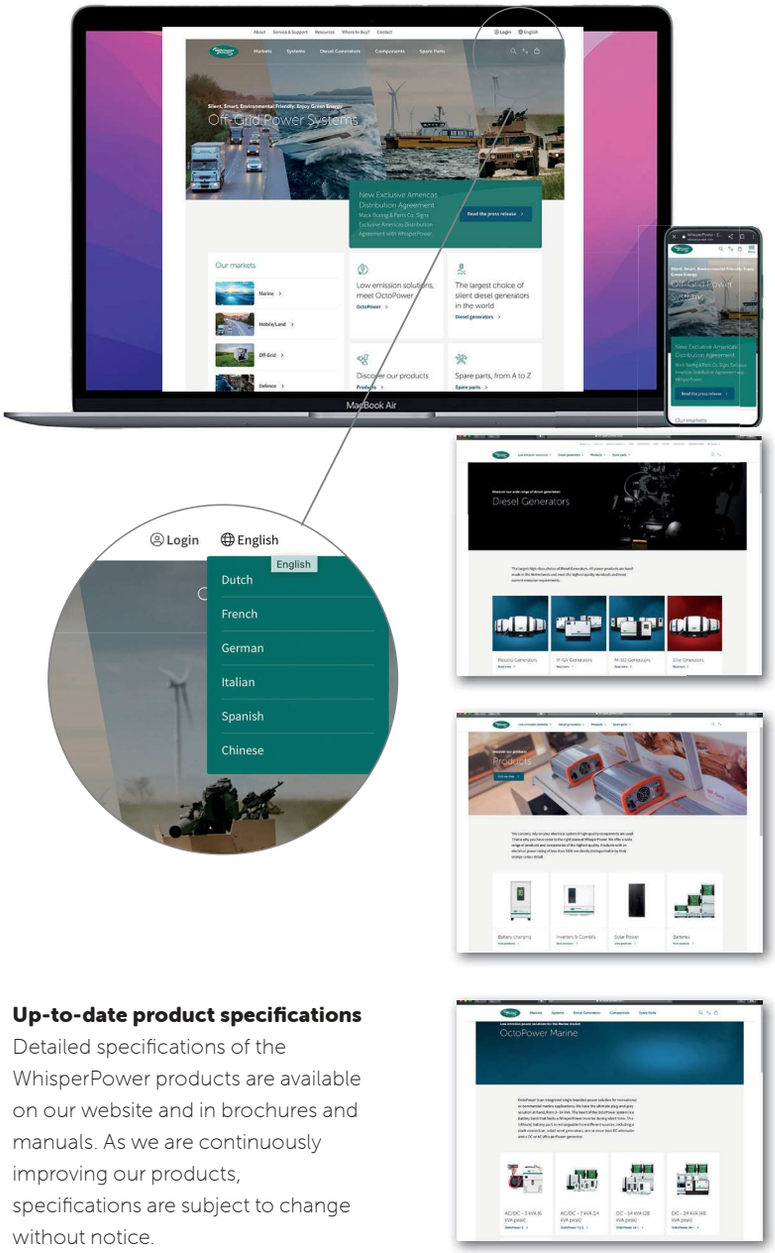


Take a look at our headquarters in Drachten by visiting our WhisperPowerTV Youtube channel or go to www.whisperpower.com

Commissioning and system set-up
Whenever possible, WhisperPower's technical team will take care of commisioning of your power system as soon as it is delivered. This ensures that your system is installed in accordance with the right guidelines and conditions. Contact us for more information about the terms and conditions.

Our starting point: On-site service
The representatives in our network will provide you with service and technical support in case of repairs or malfunctions. Where possible they will help you on site, wherever you may be in the world. Your nearest dealer can be found on our dealer locator which is available on our website www.whisperpower.com.

Periodical training: Up-to-date expertise
Expertise is the foundation for the best service. Every WhisperPower representative has up-to-date knowledge and the benefit of our global experience. Via periodical training courses we ensure our specialists have the latest information on installations and applications as well as our product range. As a result you are guaranteed that WhisperPower offers more than product and packaging: We offer you our expertise as standard.



Minimal downtime during repairs
If necessary, WhisperPower will carry out repairs or maintenance of our products at another location, in a regional workshop or at our head office. In most cases you will be provided with a replacement solution to ensure that your system downtime is kept to a minimum.

Up-to-date product specifications
Detailed specifications of the WhisperPower products are available on our website and in brochures and manuals. As we are continuously improving our products, specifications are subject to change without notice.

The WhisperPower Warranty Plan

When purchasing our products and systems, you always have the certainty of a dedicated WhisperPower WarrantyPlan. This plan covers as standard the costs of repairs and/or replacement of defective parts when products are used in 'normal' circumstances. The conditions for the WhisperPower WarrantyPlan are specific to the product and the use thereof in your system. The standard warranty term for equipment is two years. With an authorised system installations maintenance contract, the warranty term can be extended to five years. For electronic equipment and components, the standard product warranty is 5 years.

With sales in over 50 countries we make sure our distributors, dealers and installers serve you well;

- Extended system advice
- Selection of the right parts
- Installation of the system or generator
- Commissioning after installation
- Maintenance training
- Repair in case of a defect
- Software updates, when needed
- All our efforts are aiming to reduce unnecessary downtime.



Order: sales@whisperpower.com • Marine • Mobile • Off-grid

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- Benelux
- Germany
- United Kingdom
- Spain & Portugal
- China
- Pacific
- Americas

Distribution in over 50 countries



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