WhisperPowerBook | #3 | 2026

Low-noise and energy-efficient diesel generators

with essential installation accessories

Marine commercial





Marine recreational





Offshore







Premium Energy Solutions

whisperpower.com



The certainty of non-stop onboard power

Anywhere, any time,

under the most challenging conditions



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Silenced Diesel Generators

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The information contained in this catalogue is for general information purposes only. While we endeavour to keep the information up to date and correct, we cannot be held responsible for alterations of specifications of products over time.

Generating Power, the WhisperPower approach

Smaller, lighter, quieter and cleaner

WhisperPower is an innovative company committed to providing the best solutions for grid-independent marine, mobile and offgrid power systems. We manufacture compact and super silent generators that comply with the most strongest emission norms (Stage V for Europe, EPA Tier 4 for North America).

Our Genverter inverter based adjustable speed generators are internationally recognized as the most fuel efficient, compact and silent solution to provide on board power. With an extreme accurate output power quality at either 230 VAC | 50/60 Hz or 120 VAC | 60 Hz. Our 1500/1800 rpm style generators are the best in its class, offering super silent non-stop power to all on board single or three phase appliances.

Stage V / EPA certified

On board power systems are in general not very efficient because generators are often partially loaded, over dimensioned and not equipped with engines that meet current emission standards such as Stage V or EPA tier 4 for USA. Regulations regarding diesel generators for mobile use are becoming more stringent. Not only the emission standard (Stage V is a must) but also the noise level is a central theme.

One-stop-shop

WhisperPower is your one-stop shop for the entire system including all necessary electrical components. The WhisperPower adviser, reseller or installer provides, from the outset, system advice demonstrated on a schematic in which all components are included.
Once ordered and delivered, systems equipped with an inverter, charger system, battery and a diesel generator are inspected and commissioned ensuring you of a well-functioning system with no weak links.

Hybrid variants

We have developed a solution against wasting energy which is cost saving at the same time: our OctoPower range of low-to-zero emission power systems are smart, integrated power systems for yachts and commercial craft that include battery/ inverter power provision.

Explore our website and discover our extended range of OctoPower products and systems. www.whisperpower.com.

Service & support on location

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. WhisperPower BV is based in Drachten and is fully certified to ISO 9001.

Advanced Monitoring and Control – WhisperCare

All WhisperPower generators and OctoPower Power Systems are available with the unique WhisperCare monitoring and control system, enabling real time and historical information about the key-parameters of the system over the cloud. The systems can be integrated into various well known navigation screens such as Garmin, Raymarine, Furuno, Next Four and many others.





INVERTER
BASED

Super Compact & Low Weight

From 4.4-18 (Twin 12-24) kVA Choose your power window

Our Genverter© range of compact generators combines the latest diesel engine technology with a new way of producing electrical power. Instead of adding an alternator with fixed speed on the back of the fly-wheel, we have designed a very compact permanent magnet alternator (PM), located just behind the engine. As a result, these systems are much smaller and lighter compared to traditional generators. The generator rpm can be fixed to a position offering the optimal balance between rpm, output power, audible noise and vibration.

Advanced Power Systems

- Power ratings from 4.4 – 18 kVA (36 kVA in Twin)
- Superior single phase AC Power (230 VAC | 50 Hz, 120 VAC | 60 Hz) output
- Optional 24/48 VDC output via DC PowerCube

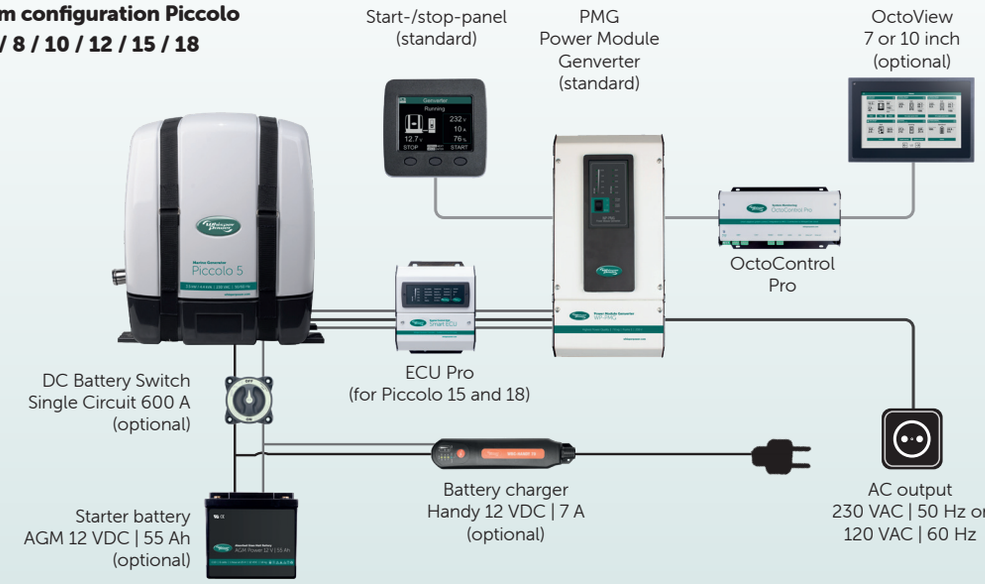


- Compact, light weight and extremely silent
- Indirect cooling of engine and back-end (> 1 cyl)
- 3'' (standard) or 7 / 10'' touch screen (optional) Standard MFD integration

System Configuration

Key Components

System configuration Piccolo
5 / 6 / 8 / 10 / 12 / 15 / 18



Genverter

Controls & display



OctoView 3 inch



DDC Start / Stop panel
Generator



OctoView 7 or 10 inch



PMG Frames 1, 2 and 3

A range of remote panels is available for monitoring and control. Every generator comes standard with a remote panel for basic monitoring and operation. For additional functionality, a 7" or 10" touchscreen display, MFD (multi-function display) integration, or cloud connectivity can be added as an option.

PMG inverter with professional terminal connections for cables in/out and communication incl. CAN.

Essential *)

Various installation kits



Waterlock exhaust kit



Water inlet kit



Starter battery installation kit

*) The relevant kits are listed for each model

General Overview Genverters

Piccolo


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	PICCOLO 5	PICCOLO 6		PICCOLO 8	
Adjustable 120 VAC | 60 Hz →	-	49004065		49005055	
Adjustable 230 VAC | 50 Hz →	49003005	49004005		49005005	
Ungrounded 120 VAC | 60 Hz →	-	49004066		49005056	
Ungrounded 230 VAC | 50 Hz →	49003006	49004006		49005006	
Variable speed →	49013005	-		-	
Variable speed / Ungrounded →	49013006	-		-	
MAIN SPECIFICATIONS	230 VAC 50 Hz	230 VAC 50 Hz	120 VAC 60 Hz	230 VAC 50 Hz	120 VAC 60 Hz
Intermittent Power kW at 25°C (77°F)	3.5 kW	6 kW		6.4 kW	6 kW
Continuous Power kVA at 25°C (77°F)	4.4 kVA	6 kVA		8 kVA	6 kVA
Continuous Power kW at 25°C (77°F)	3 kW	5.5 kW		6 kW	6 kW
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m	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	2800 - 3600 rpm, adjustable or automatic	2400 - 3000 rpm, adjustable		2400 - 2800 rpm, adjustable	
Alternator technology	Permanent Magnet	Permanent Magnet		Permanent Magnet	
Generator cooling	Air cooled	Indirect water-cooling		Indirect water-cooling	
Output Regulation	PMG	PMG		DDC	
Control Panel	PMG + OctoView 3	PMG + OctoView 3		PMG + OctoView 3	
Inverter Module PMG Frame	Frame 1	Frame 1	Frame 2	Frame 2	
Phase/wire	1 phase, 3 wires	1 phase, 3 wires		1 phase, 3 wires	
Peak power 2 s	200 %	200 %		200 %	
Harmonic distortion	< 5%	< 5%		< 3%	
Frequency tolerance	± 0.1%	± 0.1%		± 0.1%	
DIESEL ENGINE SPECIFICATIONS					
Engine	WP1	Kubota Z482-C EPA + Stage V		Kubota Z482 EPA + Stage V	
Displacement	309 cc 18.9 cu. In.	479 cc 29.2 cu. In.		479 cc 29.2 cu. In.	
Cylinders	1	2		2	
Bore & stroke mm : In. :	78 x 67 3 x 2.6	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7	
Compression ratio	21.1	23.5		23.5	
Air consumption m^3/min : ft^3 / min :	< 0.42 < 14.8	< 0.95 < 33.5		< 0.95 < 33.5	
Cooling system	Heat exchanger	Heat exchanger		Heat exchanger	
Fuel consumption (no load - full load)	0.8-1.2 l/hr	275 g/kWh		275 g/kWh	
Starter battery charge method/ current	Handy charger 12 VDC | 7A	Handy charger 12 VDC | 7A		Alternator 12 VDC | 12.5 A	
DIMENSIONS & WEIGHT					
Dimensions (cabinet) (W x D x H) mm : In. :	450 x 470 x 520 17.7 x 18.5 x 20.5	530 x 500 x 545 20.9 x 19.7 x 21.5		660 x 550 x 622 26 x 21.7 x 24.5	
Dry weight (cabinet)	68 kg 149.9 lb.	113 kg 249.1 lb.		155 kg 341.7 lb.	
Exhaust type	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	
Max. Operating angle	25º in all directions	25º in all directions		25º in all directions	
START/STOP & MONITORING					
Standard *)	 OctoView 3	 OctoView 3		 OctoView 3	
Additional options	OctoView 7 or 10 inch	OctoView 7 or 10 inch		OctoView 7 or 10 inch	


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	PICCOLO 10		PICCOLO 12		PICCOLO 15		PICCOLO 18	
	49009055		49006155		49007055		49008055	
	49009005		49006005		49007005		49008005	
	49009056		49006156		49007056		49008056	
	49009006		49006006		49007006		49008006	
	-		-		-		-	
	-		-		-		-	
	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	230 VAC 50 Hz	120/240 VAC 60 Hz
	8.5 kW		9.6 kW	10 kW	12.5 kW		15 kW	
	10 kVA		10 kVA	12 kVA	15 kVA		18 kVA	
	8 kW		9 kW	9.6 kW	12 kW		15 kW	
	51 dB(A) at 7 m, 60 dB(A) at 1 m		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	
	2400 - 2800 rpm, adjustable		2400 - 3600 rpm, adjustable		2200 - 3200 rpm, adjustable		2000 - 2600 rpm, adjustable	
	Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet	
	Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling	
	DDC or PMG		DDC or PMG		DDC or ECU Pro		DDC or ECU Pro	
	DDC Control + DDC or PMG + OctoView 3		DDC Control + DDC or PMG + OctoView 3		DDC Control + DDC (standard) or ECU Pro + OctoView 3		DDC Control + DDC (standard) or ECU Pro + OctoView 3	
	Frame 2	Frame 3	Frame 2	Frame 3	Frame 3		Frame 3	
	1 phase, 3 wires	split phase, 4 wires	1 phase, 3 wires	split phase, 4 wires	1 phase, 3 wires	split phase, 4 wires	1 phase, 3 wires	split phase, 4 wires
	200 %		200 %		200 %		200 %	
	< 3%		< 3%		< 3%		< 3%	
	± 0.1%		± 0.1%		± 0.1%		± 0.1%	
	Kubota D722 EPA + Stage V		Kubota D722 EPA + Stage V		Kubota D1105 EPA + Stage V		Kubota V1505 EPA + Stage V	
	719 cc 43.9 cu. In.		719 cc 43.9 cu. In.		1.123 cc 68.5 cu. In.		1.489 cc 90.9 cu. In.	
	3		3		3		4	
	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7		78 x 78.4 3 x 3.1		78 x 78.4 3 x 3.1	
	23.5		23.5		24.0		24.0	
	< 1.22 < 43.1		< 1.22 < 43.1		< 1.47 < 51.6		< 2.45 < 86.5	
	Heat exchanger		Heat exchanger		Heat exchanger		Heat exchanger	
	275 g/kWh		275 g/kWh		275 g/kWh		275 g/kWh	
	Alternator 12 VDC | 40 A		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		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.		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		Ø 40 mm, wet Ø 1.6 In., wet	
	25º in all directions		25º in all directions		25º in all directions		25º in all directions	
	  DDC or OctoView 3		  DDC or OctoView 3		 DDC		 DDC	
	OctoView 7 or 10 inch		OctoView 7 or 10 inch		OctoView 3, 7 or 10 inch		OctoView 3, 7 or 10 inch	
					*) From Q2 2026 DDC panel will be replaced with OctoView 3			

ADJUSTABLE SPEED

Genverter© Piccolo 5 | 1 cylinder

How it works

The WhisperPower Genverter© Piccolo 5 is the smallest, quietest and most powerful of its kind. Thanks to the electronic PMG inverter output, it delivers the ideal power quality for all your comfort equipment including, amongst others, washing machine, air conditioning, electrical cooking, hob, battery chargers and combi's.



Piccolo 5 Adjustable speed diesel generator

- 4.4 kVA / 3.5 kW at 3600 rpm
- 8 kVA, 36 A peak power
- 230 VAC | 50 Hz ± 5% 50 Hz ± 0.1%
- Width 450 mm / 17.7 In.
- Depth 470 mm / 18.5 In.
- Height 520 mm / 20.5 In.
- Weight 68 kg / 149.9 lb.
- PMG inverter 7.6 kg / 16.8 lb.

Compact and light - 68 kg

- Modern diesel engine with 4.4 kVA capacity at 3600 rpm
- 3.5 kW electric capacity at maximum speed
- Indirect water cooling - for fresh or sea water
- Constant engine temperature, no soot or oil deposit on the water
- Flywheel and alternator functions combined

Advanced

- Highly efficient thanks to use of super magnets / permanent magnet technology
- Adjustable speed settings - optimal position can be set
- Optional Automatic Speed Control
- PowerModule-Genverter© in the output ensures perfectly stable frequency and voltage
- Therefore smooth operation of all connected devices is guaranteed

Advanced

- Standard Versions for 230 VAC | 50 Hz devices
- Adjustable to 50 Hz, without affecting rpm
- Available with complete Touch screen power management & monitoring
- WhisperConnect bus connectivity to most navigation brands

Sjouke Land,
***owner of the* Ithaka:**
"My wife and I prefer to anchor out, without having to worry about our onboard power supply. That's why I chose WhisperPower for an auxiliary generator. Recently, I had a Piccolo 5 installed in our Smelne cruiser. The generator runs for about two hours every morning. During that time, it heats the boiler, allows us to bake our bread rolls, and fully recharges the onboard batteries at the same time. This means we always have plenty of power, even without shore power. It works perfectly."





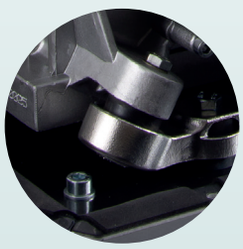
Unique engine

The small Piccolo 5 model is fitted with a modern diesel engine designed by WhisperPower entirely for the purpose of generating power the smooth way. The oil is cooled by a heat exchanger designed for indirect watercooling, the circulation water pump is driven by a PTO (no belt). The WP1 engine is designed to operate between 2400 and 3600 rpm. Warranty 1000 hrs, equivalent to a car distance of 100,000 km.



Highest power quality

Devices such as air conditioning units and electric motors are often controlled by electronics to improve the efficiency and performance. Traditional generators may fail to operate these appliances. All Piccolo models are equipped with a PMG module (Power Module Genverter©) to ensure that the voltage and frequency within the rotating speed range remain perfect so that all the equipment continues to run without interruption. Surge power is generated by the PMG to start up inductive loads.



Quiet & vibration free

Vibrations are just as irritating as an over noisy diesel engine. The customized shock mounts, combined with the sound enclosure, result in a super silent and virtually vibration free set-up. All parts needed to be serviced are located at one side of the Genverter. Picture: detail of our WhisperPower WP 1 diesel engine (Shockmount integrated in engine block).



Complete energy system

This is our great service to you as our customer: we offer complete single brand solutions for the complete on board electrical power system. Everything from one hand. If needed supplied with DC distribution/digital switching, our TOUCH Plus system.



Ease of installation

All installation parts are available in kit form ensuring a fast and easy job to do. Not a single part or component is needed, all are included.



Any space will do

All our Piccolo models are extremely compact and can be installed in the smallest location. Only minor air ventilation is needed. Pictured an installation of a Piccolo 5 in a day cruiser.

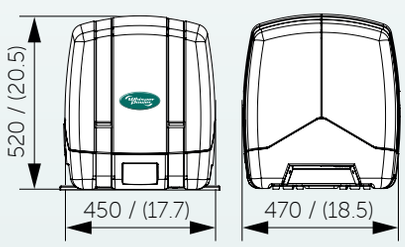
Marine Generator

Piccolo 5

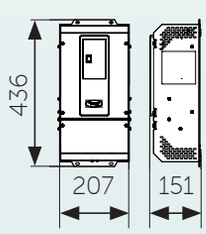


Available as:
230 VAC | 4.4 kVA | 3.5 kW | 50 Hz

DIMENSIONS PICCOLO 5



PMG included (Frame 1)



INVERTER + CONTROL		ADDITIONAL MONITORING OPTIONS
 PMG Frame 1	+	 OctoControl Pro
		 OctoView 7 | 10
 OctoView 3		 MFD

		PICCOLO 5 230 VAC | 50 Hz
Adjustable speed	→	49003005
Ungrounded	→	49003006
Variable speed	→	49013005
Variable speed / Ungrounded	→	49013006
MAIN SPECIFICATIONS		
Intermittent Power kW at 25°C (77°F)		3.5 kW
Continuous Power kVA at 25°C (77°F)		4.4 kVA
Continuous Power kW at 25°C (77°F)		3 kW
Noise level		54 dB(A) at 7 m, 65 dB(A) at 1 m
Rpm range		2800 - 3600 rpm, adjustable or automatic
Alternator technology		Permanent Magnet
Generator cooling		Air cooled
Generator control		PMG
Control Panel		PMG + OctoView 3
Inverter Module		PMG Frame 1
Nominal voltage/ frequency		230 VAC | 50 Hz
Phase/wire		1 Phase, 3 wires
Peak power 2 s		200 %
Harmonic distortion		< 5%
Frequency tolerance		± 0.1%
DIESEL ENGINE SPECIFICATIONS		
Engine		WP1
Displacement		309 cc / 18.9 cu. In.
Cylinders		1
Bore & stroke		78 x 67 mm 3.1 x 2.6 In.
Compression ratio		21.1
Air consumption, m^3/min / (ft^3/min)		< 0.42 / (< 14.8)
Cooling system		Heat exchanger
Fuel consumption (no load - full load)		0.8-1.2 l/hr
Starter battery charge method/ current		Handy charger 12 VDC | 7 A
DIMENSIONS & WEIGHT		
Cabinet Dimensions (W x D x H)	mm : In. :	450 x 470 x 520 (17.7 x 18.5 x 20.5)
PMG Dimensions (W x D x H)	mm : In. :	207 x 151 x 436 8.1 x 5.9 x 17.2
Dry weight (cabinet + PMG)	kg : lb. :	68 + 7.6 149.9 + 16.8
Exhaust type		Ø 40 mm, wet Ø 1.6 In., wet
Max. operating angle		25º in all directions
OPTIONAL		
Optional 1		Touch panel 7 or 10 inch
Optional 2		Ungrounded



Water inlet kit
Art. Nr. 40230201



Syphon breaker kit
Art. Nr. 40230272



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 5	
Article number	**Definition**	
40230201	Water inlet kit	12.5 mm (1/2")
40230272	Syphon breaker kit	12.5 mm (1/2")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40230208	Base plate kit aluminium	(W x D x H) 600 x 400 x 20 mm
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290060



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR PICCOLO 5		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40401170	A-kit maintenance parts		
40401171	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



A-kit maintenance parts
Art. Nr. 40401170



B-kit maintenance parts
Art. Nr. 40401171

ADJUSTABLE SPEED

Genverter© Piccolo Range | 2/3/4 cylinder

How it works

Following the worldwide success of the Piccolo 5, 1 cylinder Genverter variable speed generator, we have extended our Piccolo range to power ratings of 18 kVA. Perfect in size and weight, super silent and virtually vibration free.

Compact, silent and light weight

- Modern, low emission marine 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 or 120 VAC | 60 Hz, adjustable by user.

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
- DC versions with 1, 2 or 3 DC PowerCubes
- Charge power for (lithium) batteries via DC PowerCube
- DC-system includes shore to ship charging
- Charge power from 4.3 kW – 12.5 kW





OctoView 3 inch



Included as standard with the Piccolo 15 and 18



OctoView 7 and 10 inch

Remote Control & Monitoring

A range of remote panels is available for monitoring and control. Every generator comes standard with a remote panel for basic monitoring and operation.

For additional functionality, a 7" or 10" touchscreen display, MFD (multi-function display) integration, or cloud connectivity can be added as an option.







Perfect power

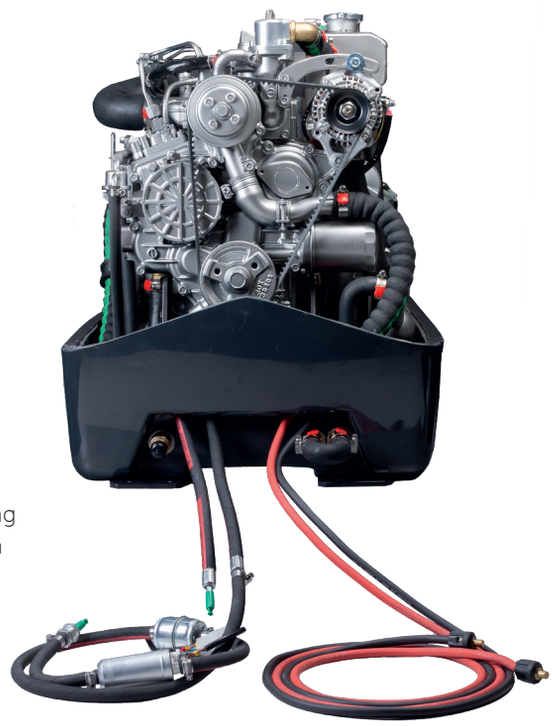
WhisperPower's PMG inverter incorporates two main functions: this robust, electronic device converts the generated power (input) into a pure sine wave with fixed Hz (output). The rotating speed is programmable from 2000 to 2800 rpm, select the rotating speed for the needed power. The PMG power inverter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

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 PM alternator back-end are connected into one cooling circuit and kept on a constant temperature via a heat exchanger.

Ideal for A/C systems

All Piccolo models including the little Piccolo 5 are a perfect power source for air-conditioning systems. We recommend Self Contained systems as they are compact, silent and energy efficient.

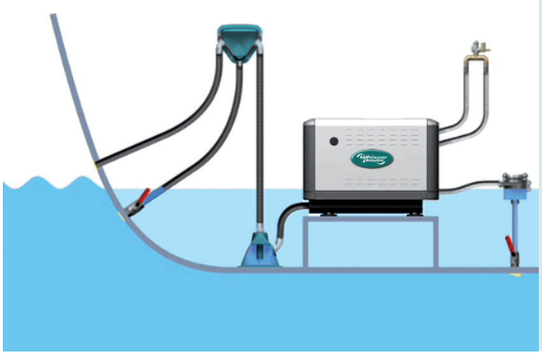


Pre-installed cabling for easy installation



OctoPower-system

Turn it around! Install a high power inverter for all your AC consumers and a small Genverter generator, instead of installing a large genset and a small inverter. Use the energy storage as your power reservoir and enjoy extended zero emission & silent periods.



One-stop-shop

We provide high class parts to install the Piccolo the right way: exhaust hoses with waterlock and water/gas silencer complete with clamps, a water inlet kit with strainer, a syphon breaker kit, a fuel filter, a starter battery kit etc.

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 an audible noise level of less than 55 dB(A and virtually no vibration.

Marine Generator

Piccolo 6

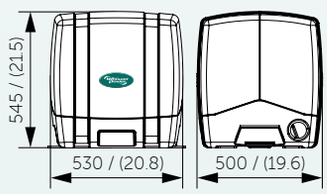


Available as:

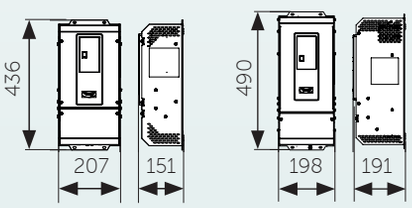
230 VAC | 6 kVA | 6 kW | 50 Hz
120 VAC | 6 kVA | 6 kW | 60 Hz

Adjustable	120 VAC | 60 Hz	Art. Nr. 49004065
Adjustable	230 VAC | 50 Hz	Art. Nr. 49004005
Ungrounded	120 VAC | 60 Hz	Art. Nr. 49004066
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49004006

DIMENSIONS PICCOLO 6



PMG included (Frame 1 or 2)



Frame 1 for 230 VAC | 50 Hz

Frame 2 for 120 VAC | 60 Hz



STANDARD CONTROL



OctoView 3

ADDITIONAL MONITORING OPTIONS



OctoControl Pro & OctoView 7 | 10

	PICCOLO 6
	Genverter based on Kubota Z482-C
System output	6 kVA / 6 kW
Peak power 2 s	200 %
Rpm range	2400 - 3000 rpm
Low rpm setpoint	1800 rpm
Max rpm setpoint	3200 rpm
Typical rpm	2600 - 2800 rpm
Noise level	51 dB(A) at 7 m, 60 dB(A) at 1 m
Cooling	Intercooling
Exhaust	Wet type, 40 mm (except 030)
Speed governor	Mechanical
Starter battery capacity	12 VDC | 80 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 parts kit, longer or shorter DDC cables
ENGINE	
Engine model	Kubota Z482-C
Emission Regulation	Tier 4, EPA & Stage V
Engine performance intermittent SAE J1349	8.3 kW at 3000 rpm
Engine performance continuous SAE J1349	7.4 kW at 3000 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 (keel-cooling closed)
Alternator	12.5 A
Operating principle	Energize to run
Starter power requirement	0.8 kW
Nominal operation voltage	12 VDC
Monitoring and control	ECU in Power Module
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]
Local control	Integrated into PMG
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 2.1 l

DIMENSIONS & WEIGHT		230 VAC | 50 Hz	120 VAC | 60 Hz
Cabinet Dimensions (WxDxH)	mm : In. :	530 x 500 x 545 20.8 x 19.6 x 21.5	
PMG Dimensions / AutoTransformer (WxDxH)	mm : In. :	207 x 151 x 436 8.1 x 5.9 x 17.2	213 x 128 x 432 8.4 x 5.0 x 17.0
Dry weight (cabinet + PMG)	kg : lb. :	113 + 7.6 249.1 + 16.8	113 + 9 249.1 + 19.8
Color		RAL9010 signal white, RAL9020 metallic black	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 6		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	(3/4")
40230273	Syphon breaker kit	20 mm	(3/4")
40230281	Waterlock exhaust kit	40 mm	(1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")	
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR PICCOLO 6			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	1 container required
40401770	A-kit maintenance parts			
40401771	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401771

Marine Generator

Piccolo 8

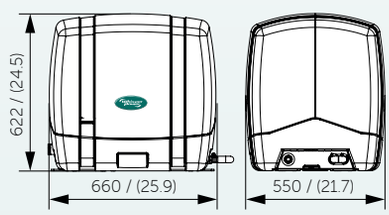


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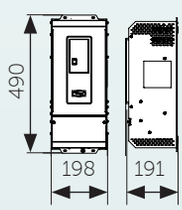
230 VAC | 8 kVA | 6.4 kW | 50 Hz
120 VAC | 6 kVA | 6 kW | 60 Hz

Adjustable	120 VAC | 60 Hz	Art. Nr. 49005055
Adjustable	230 VAC | 50 Hz	Art. Nr. 49005005
Ungrounded	120 VAC | 60 Hz	Art. Nr. 49005056
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49005006

DIMENSIONS PICCOLO 8



PMG included (Frame 2)



INVERTER + CONTROL



PMG Frame 2



OctoView 3

ADDITIONAL MONITORING OPTIONS



OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO 8	
	Genverter based on Kubota Z482	
	230 VAC | 50 Hz	120 VAC | 60 Hz
System output	8 kVA / 6.4 kW	6 kVA / 6 kW
Peak power 2 s	200 %	
Rpm range	2400 - 2800 rpm	
Low rpm setpoint	1800 rpm	
Max rpm setpoint	3200 rpm	
Typical rpm	2400 - 2600 rpm	
Noise level	51 dB(A) at 7 m, 60 dB(A) at 1 m	
Cooling	Intercooling	
Exhaust	Wet type, 40 mm (except 030)	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 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 parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota Z482	
Emission Regulation	Tier 4, EPA & Stage V	
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 (keel-cooling closed)	
Alternator	12.5 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Nominal operation voltage	12 VDC	
Monitoring and control	PMG | OctoView 3	
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]	
Local control	Integrated into PMG	
Service interval oil change	200 h	
Lubricant	At least CF	
Oil capacity	Approx. 2.1 l	
DIMENSIONS & WEIGHT		
Cabinet Dimensions (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5
PMG Dimensions (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. :	155 + 9.9 341.7 + 21.8
Color	RAL9010 signal white, RAL9020 metallic black	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 8	
Article number	**Definition**	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR PICCOLO 8		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	1 container required
40401770	A-kit maintenance parts		
40401771	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401771

Marine Generator

Piccolo 10

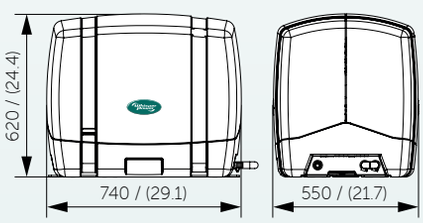


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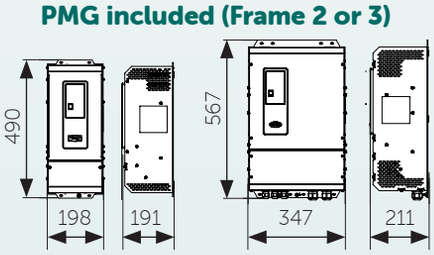
230 VAC | 10 kVA | 8.5 kW | 50 Hz
120/240 VAC | 10 kVA | 8.5 kW | 60 Hz

Adjustable	120/240 VAC | 60 Hz	Art. Nr. 49009055
Adjustable	230 VAC | 50 Hz	Art. Nr. 49009005
Ungrounded	120/240 VAC | 60 Hz	Art. Nr. 49009056
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49009006

DIMENSIONS PICCOLO 10



PMG included (Frame 2 or 3)



Frame 2 for 230 VAC | 50 Hz

Frame 3 for 120 VAC | 60 Hz

CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO 10	
	Genverter based on Kubota D722	
	230 VAC	120/240 VAC
System output	10 kVA / 8.5 kW	
Peak power 2 s	200 %	
Rpm range	2400 - 2800 rpm	
Low rpm setpoint	2400 rpm	
Max rpm setpoint	3200 rpm	
Typical rpm	2400 - 2600 rpm	
Noise level	51 dB(A) at 7 m, 60 dB(A) at 1 m	
Cooling	Intercooling	
Exhaust	Wet type, 40 mm (except 030)	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 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 parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D722	
Emission Regulation	Tier 4, EPA & Stage V	
Engine performance intermittent SAE J1349	14.0 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 (keel-cooling closed)	
Alternator	40 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Nominal operation voltage	12 VDC	
Monitoring and control	DDC/PMG | OctoView	
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. 3.2 l	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Cabinet Dimensions (W x D x H) mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4	
PMG Dimensions (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	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 10	
Article number	**Definition**	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO 10		
Article number	**Definition**		
40222244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+, 4 liters	1 container required
40401770	A-kit maintenance parts		
40401772	B-kit maintenance parts		



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772

Marine Generator

Piccolo 12

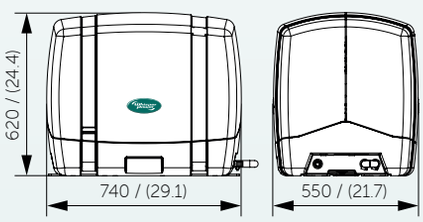


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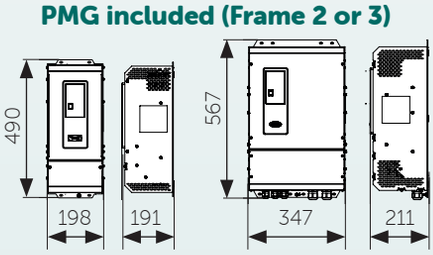
230 VAC | 10 kVA | 9.6 kW | 50 Hz
120/240 VAC | 12 kVA | 10 kW | 60 Hz

Adjustable	120/240 VAC | 60 Hz	Art. Nr. 49006155
Adjustable	230 VAC | 50 Hz	Art. Nr. 49006005
Ungrounded	120/240 VAC | 60 Hz	Art. Nr. 49006156
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49006006

DIMENSIONS PICCOLO 12



PMG included (Frame 2 or 3)



Frame 2 for 230 VAC | 50 Hz

Frame 3 for 120 VAC | 60 Hz

CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO 12	
	Genverter based on Kubota D722	
	230 VAC	120/240 VAC
System output	10 kVA / 9.6 kW	12 kVA / 10 kW
Peak power 2 s	200 %	
Rpm range	2400 - 3600 rpm	
Low rpm setpoint	2400 rpm	
Max rpm setpoint	3600 rpm	
Typical rpm	2400 - 3600 rpm	
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m	
Cooling	Intercooling	
Exhaust	Wet type, 40 mm (except 030)	
Speed governor	Mechanical	
Starter battery capacity	12 VDC | 80 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 parts kit, longer or shorter DDC cables	
ENGINE		
Engine model	Kubota D722	
Emission Regulation	Tier 4, EPA & Stage V	
Engine performance intermittent SAE J1349	14.0 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 (keel-cooling closed)	
Alternator	40 A	
Operating principle	Energize to run	
Starter power requirement	0.8 kW	
Nominal operation voltage	12 VDC	
Monitoring and control	Digital Diesel Control/PMG | OctoView	
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. 3.2 l	
DIMENSIONS & WEIGHT	**230 VAC**	**120/240 VAC**
Cabinet Dimensions (W x D x H) mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4	
PMG Dimensions (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	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 12		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	($^3/_4$")
40230273	Syphon breaker kit	20 mm	($^3/_4$")
40230281	Waterlock exhaust kit	40 mm	($1^5/_8$")
40230291	Water/Gas separator kit	40/40/40 ($1^5/_8$")	
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO 12			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	1 container required
40401770	A-kit maintenance parts			
40401772	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772

Marine Generator

Piccolo 15

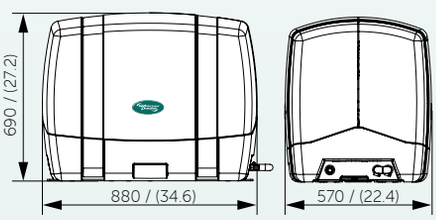


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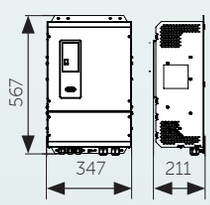
230 VAC | 15 kVA | 12.5 kW | 50 Hz
120 VAC | 15 kVA | 12.5 kW | 60 Hz

Adjustable	120/240 VAC | 60 Hz	Art. Nr. 49007055
Adjustable	230 VAC | 50 Hz	Art. Nr. 49007005
Ungrounded	120/240 VAC | 60 Hz	Art. Nr. 49007056
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49007006

DIMENSIONS PICCOLO 15



PMG included (Frame 3)



CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO 15
	Genverter based on Kubota D1105
System output	15 kVA | 12.5 kW
Peak power 2 s	200 %
Rpm range	2200 - 3200 rpm
Low rpm setpoint	1500 rpm
Max rpm setpoint	3200 rpm
Typical rpm	2200 - 2600 rpm
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m
Cooling	Indirect liquid cooling
Exhaust	Wet type, 40 mm (except 030)
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 parts kit, longer or shorter DDC cables
ENGINE	
Engine model	Kubota D1105
Emission Regulation	Tier 4, EPA & Stage V
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 x 3.1 In.
Air intake system	Naturally aspirated
Air consumption	1.47 m^3/min / 51.6 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 (keel-cooling closed)
Alternator	40 A
Operating principle	Energize to run
Starter power requirement	1.0 kW
Nominal operation voltage	12 VDC
Monitoring and control	Digital Diesel Control / ECU Pro
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**
Cabinet Dimensions (W x D x H)	mm : In. :	880 x 570 x 690 34.6 x 22.4 x 27.2	
PMG Dimensions (W x D x H)	mm : In. :	347x 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	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 15	
Article number	**Definition**	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO 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
40401863	A-kit maintenance parts			
40401864	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401863



B-kit maintenance parts
Art. Nr. 40401864

Marine Generator

Piccolo 18

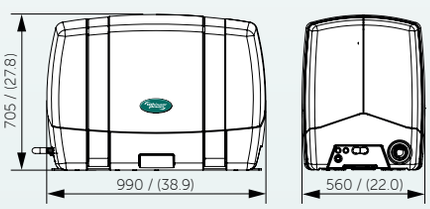


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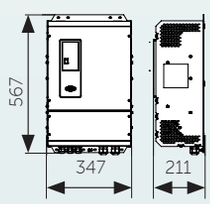
230 VAC | 18 kVA | 15 kW | 50 Hz
120/240 VAC | 18 kVA | 15 kW | 60 Hz

Adjustable	120/240 VAC | 60 Hz	Art. Nr. 49008055
Adjustable	230 VAC | 50 Hz	Art. Nr. 49008005
Ungrounded	120/240 VAC | 60 Hz	Art. Nr. 49008056
Ungrounded	230 VAC | 50 Hz	Art. Nr. 49008006

DIMENSIONS PICCOLO 18



PMG included (Frame 3)



CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

\+



OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO 18
	Genverter based on Kubota V1505
System output	18 kVA / 15 kW
Peak power 2 s	200 %
Rpm range	2000 - 2600 rpm
Low rpm setpoint	1500 rpm
Max rpm setpoint	3000 rpm
Typical rpm	2000 - 2600 rpm
Noise level	57 dB(A) at 7 m / 73 dB(A) at 1 m
Cooling	Indirect liquid cooling
Exhaust	Wet type, 40 mm (except 030)
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 parts kit, longer or shorter DDC cables
ENGINE	
Engine model	Kubota V1505
Emission Regulation	Tier 4, EPA & Stage V
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 (keel-cooling closed)
Alternator	40 A
Operating principle	Energize to run
Starter power requirement	1.0 kW
Nominal operation voltage	12 VDC
Monitoring and control	Digital Diesel Control / ECU Pro
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. 6.0 l

DIMENSIONS & WEIGHT		**230 VAC**	**120/240 VAC**
Cabinet Dimensions (W x D x H)	mm : In. :	990 x 560 x 705 39 x 22 x 27.8	
PMG Dimensions (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	



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230282



Water/Gas separator kit
Art. Nr. 40230292



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO 18		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	(3/4")
40230273	Syphon breaker kit	20 mm	(3/4")
40230282	Waterlock exhaust kit	51 mm	(2")
40230292	Water/Gas separator kit	51/40/51	(2")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO 18			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	2 containers required
40401780	A-kit maintenance parts			
40401781	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401780



B-kit maintenance parts
Art. Nr. 40401781

Twin-Power

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.



Important system benefits

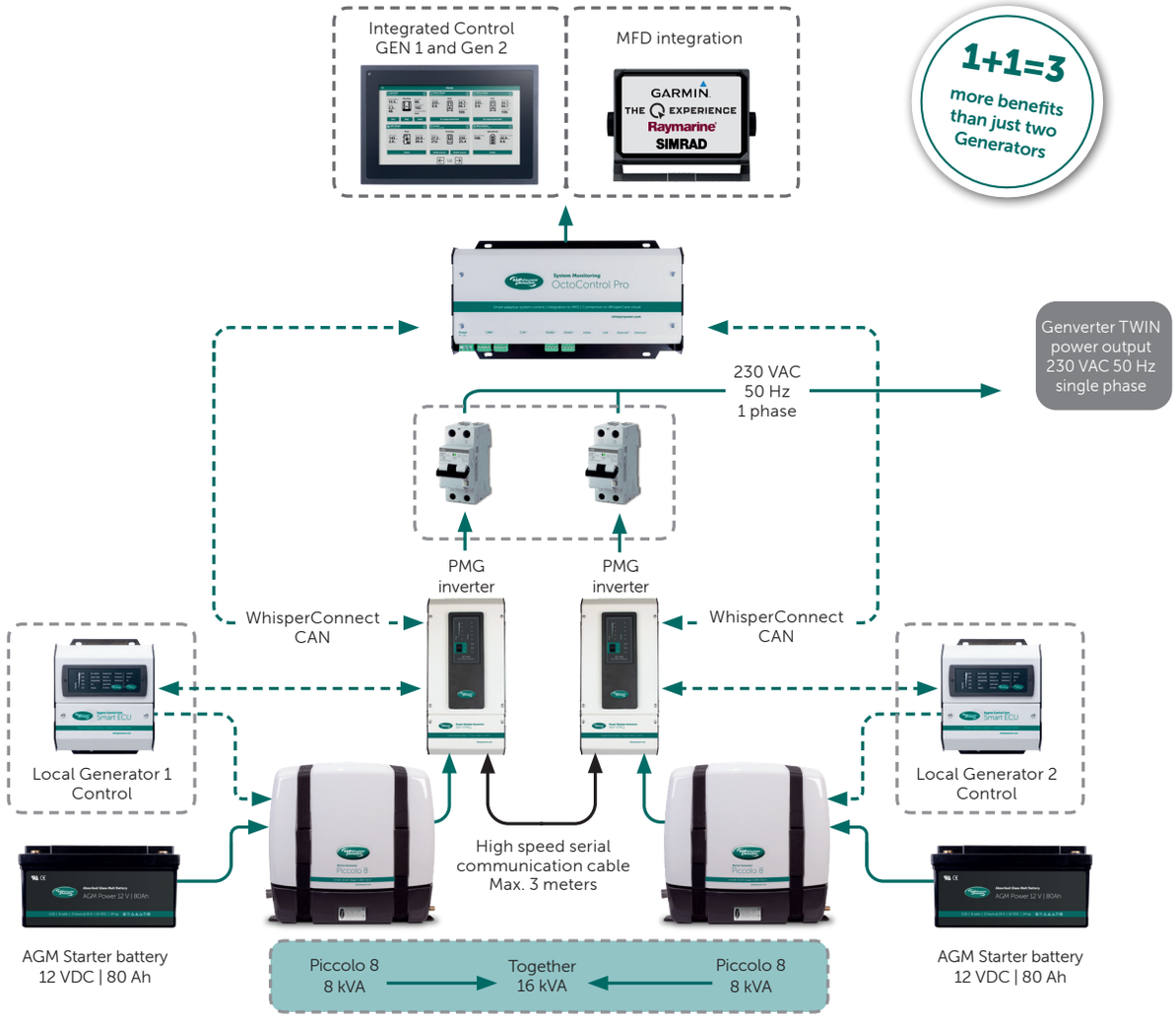
Traditional fixed speed generators are chosen in general in oversize, based on the peak load power requirements. This often means they are oversized for their normal operation running load. With the Twin-Power solution, the AC appliances are powered by one or two engines. As a result of our Genverter 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.



Easy to install & configure

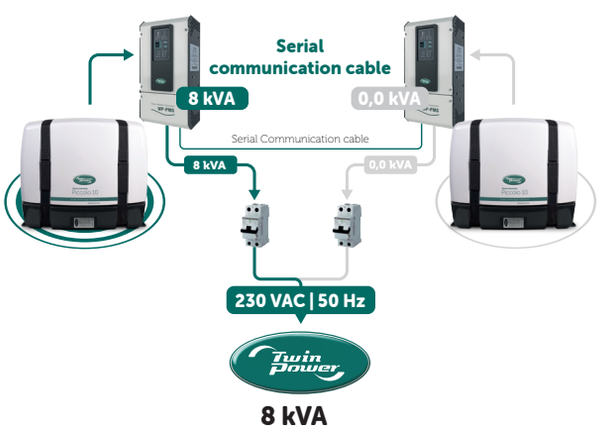
Our Twin-Power solution allows you to parallel two WhisperPower Genverter generators with a single high speed communication wire. No extra boxes with oversized switch gear are needed, or other costly add-ons. Just install two generators instead of one traditional product and connect the PMG inverters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

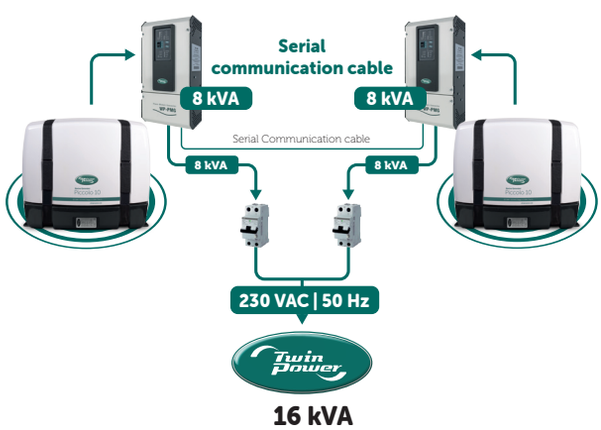
Some more about running generators in parallel

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.





Piccolo
Twin Range



		PICCOLO TWIN 8+8		
50 Hz/60 Hz | Piccolo Twin →		49005080		
MAIN SPECIFICATIONS		Single mode	Twin mode	
Intermittent Power kW at 25°C (77°F)		6.4 kW	12.8 kW	
Continuous Power kVA at 25°C (77°F)		8 kVA	16 kVA	
Continuous Power kW at 25°C (77°F)		6 kW	12 kW	
Noise level		51 dB(A) at 7 m 60 dB(A) at 1 m		
Rpm range, adjustable		2400 - 2800 rpm		
Alternator technology		Permanent Magnet		
Generator cooling		Indirect liquid cooling		
Generator control		PMG		
Control Panel		PMG + OctoView 3		
Inverter Module PMG		PMG Frame 2 (2 pcs)		
Twin-Power Communication Cable		Max. 3 meters		
Nominal voltage / frequency		230 VAC | 50/60 Hz		
Phase/wire		1 Phase / 3 wires		
Peak power 2 s		200 %		
Harmonic distortion		< 3%		
Frequency tolerance		± 0.1%		
DIESEL ENGINE SPECIFICATIONS				
Engine		WhisperPower Kubota Z482		
Displacement		479 cc / 29.3 cu. In.		
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		Heat exchanger		
Fuel consumption (no load - full load)		1.7-2.5 l/hr (per unit)		
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 /each 26 x 21.7 x 24.5 /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		
Dry weight (cabinet + PMG)	kg : lb. :	155 + 9.9 /each 341.7 + 21.8 /each		
Exhaust type	mm : In. :	Ø 40, wet Ø 1.6, wet		
Max. operating angle		25º in all directions		
OPTIONAL				
Optional 1		System panel OctoView 7 or 10 inch		
Optional 2		Ungrounded		
Optional 3		Keel Cooling		





	PICCOLO TWIN 10+10		PICCOLO TWIN 12+12	
	49009080		49006080	
	Single mode	Twin mode	Single mode	Twin mode
	8.5 kW	17 kW	9.6 kW	19.2 kW
	10 kVA	20 kVA	10 kVA	20 kVA
	8 kW	16 kW	9 kW	18 kW
	51 dB(A) at 7 m 60 dB(A) at 1 m		51 dB(A) at 7 m 60 dB(A) at 1 m	
	2400 - 2800 rpm		2800 - 3300 rpm	
	Permanent Magnet		Permanent Magnet	
	Indirect liquid cooling		Indirect liquid cooling	
	DDC (2 pcs)		DDC (2 pcs)	
	DDC Local + DDC Remote or PMG + OctoView 3		DDC Local + DDC Remote or PMG + OctoView 3	
	PMG Frame 2 (2 pcs)		PMG Frame 2 (2 pcs)	
	Max. 3 meters		Max. 3 meters	
	230 VAC | 50/60 Hz		230 VAC | 50/60 Hz	
	1 Phase / 3 wires		1 Phase / 3 wires	
	200 %		200 %	
	< 3%		< 3%	
	± 0.1%		± 0.1%	
	WhisperPower Kubota D722		WhisperPower Kubota D722	
	719 cc / 43.8 cu. In.		719 cc / 43.8 cu. In.	
	3		3	
	67 x 68 2.6 x 2.7		67 x 68 2.6 x 2.7	
	23.5		23.5	
	< 0.94 (per unit) < 33.2 (per unit)		< 0.94 (per unit) < 33.2 (per unit)	
	Heat exchanger		Heat exchanger	
	2.6-3.8 l/hr (per unit)		2.6-3.8 l/hr (per unit)	
	Alternator 12 VDC | 12.5 A		Alternator 12 VDC | 12.5 A	
	740 x 550 x 620 /each 29.1 x 21.7 x 24.4 /each		740 x 550 x 620 /each 29.1 x 21.7 x 24.4 /each	
	198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each	347 x 211 x 567 /each 13.7 x 8.3 x 22.3 /each	198 x 191 x 490 /each 7.8 x 7.5 x 19.3 /each	347 x 211 x 567 /each 13.7 x 8.3 x 22.3 /each
	175 + 9.9 /each 385.8 + 21.8 /each		175 + 20 /each 385.8 + 44.1 /each	
	Ø 40, wet Ø 1.6, wet		Ø 40, wet Ø 1.6, wet	
	25º in all directions		25º in all directions	
	System panel OctoView 7 or 10 inch		System panel OctoView 7 or 10 inch	
	Ungrounded		Ungrounded	
	Keel Cooling		Keel Cooling	

Summary of all Piccolo Genverter models

Piccolo 230/120 VAC



Piccolo 5
1 cylinder
4.4 kVA / 3.5 kW



Piccolo 6
2 cylinder
6 kVA / 6 kW



Piccolo 8
2 cylinder
8 kVA / 6.4 kW



Piccolo 10
3 cylinder
10 kVA / 8.5 kW



Piccolo 12
3 cylinder
10 kVA / 9.6 kW



Piccolo 15
3 cylinder
15 kVA / 12.5 kW



Piccolo 18
4 cylinder
18 kVA / 15 kW

Important information about Ungrounded units:
All our Ungrounded generator systems are, during the start-stop procedure, connected to ground by a ground-relay

Summary of all Twin models

Piccolo 230/120 VAC



Piccolo 8 + 8
2 cylinder
16 kVA / 12.8 kW



Piccolo 10 + 10
3 cylinder
20 kVA / 17 kW



Piccolo 12 + 12
3 cylinder
20 kVA / 19.2 kW

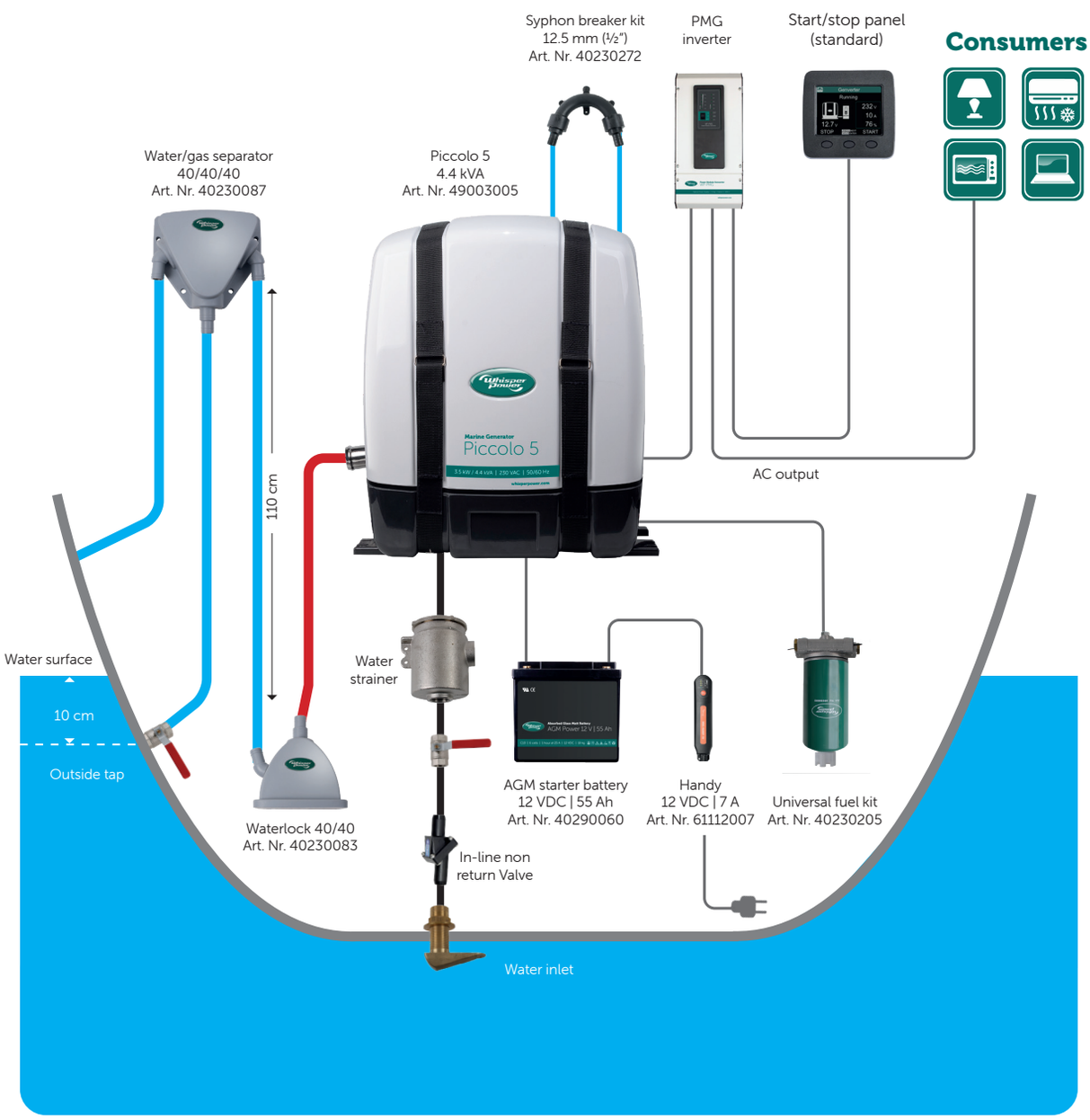
System explained

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.

Piccolo system example

230/120 VAC

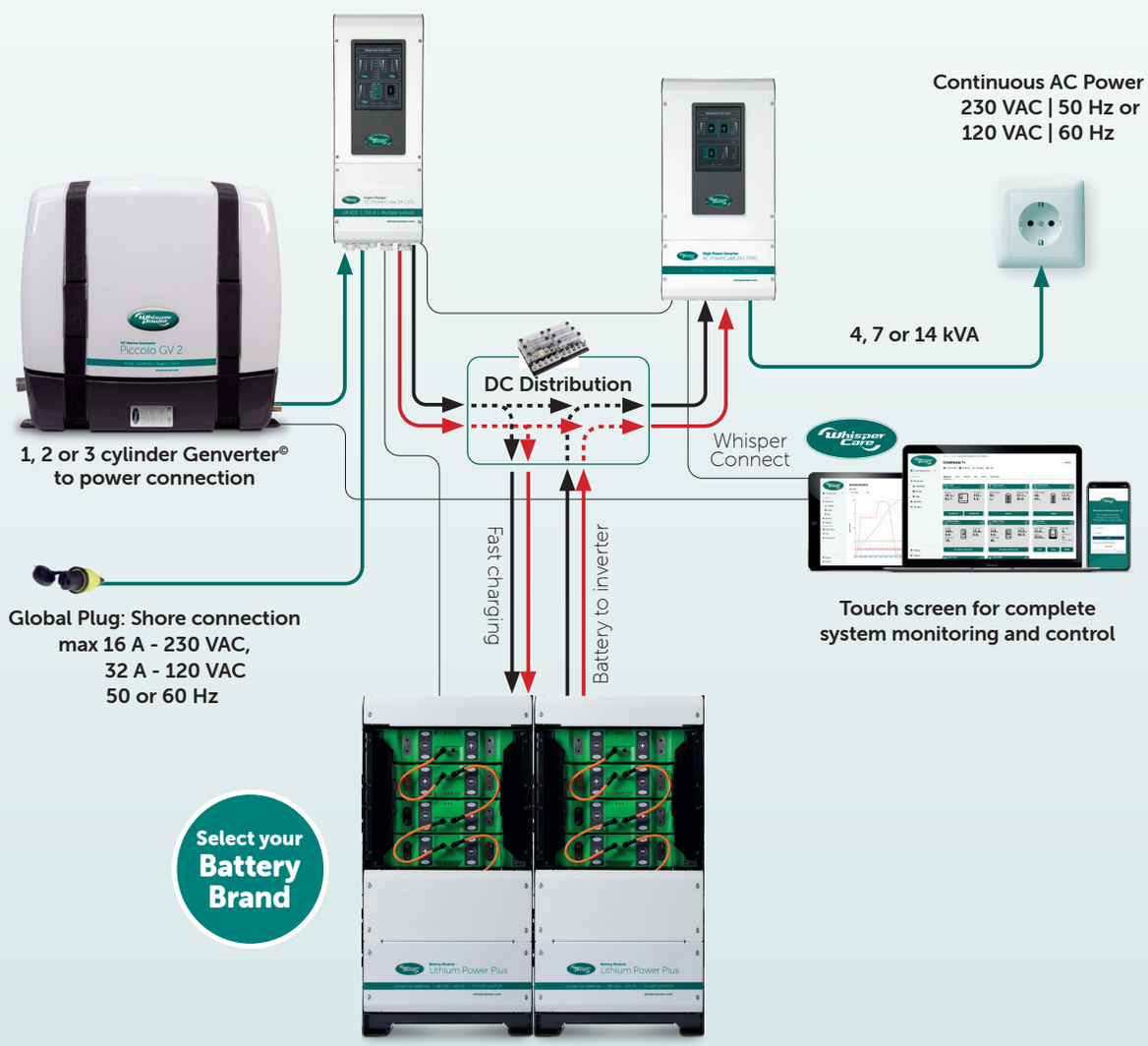


Piccolo Genverter©

DC generator/inverter system 24 and 48 VDC

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. At the same time, 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). The DC PowerCube also features a charging socket for 24 VDC batteries (or 48 VDC).



Genverters
Piccolo DC Range



Genverters
From AC to DC

12 VDC



Piccolo 5
Art. Nr. 49003005



Supreme 12 | 100
Art. Nr. 49003100

24 VDC

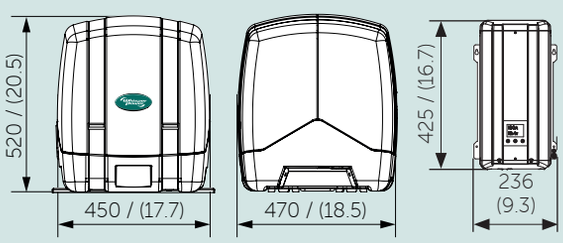


Piccolo 5
Art. Nr. 49003005

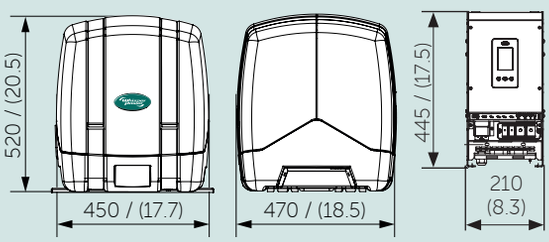


Supreme Pro 24 | 100
Art. Nr. 60205401

Dimensions in mm / (In.)



Piccolo 5 — Supreme 12 | 100



Piccolo 5 — Supreme Pro 24 | 100

DC Marine Generator

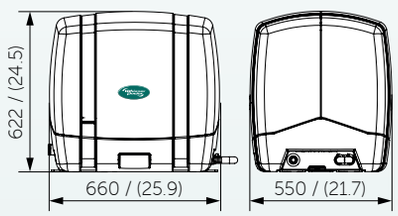
Piccolo GV 2



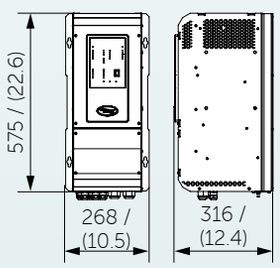
Available as:

24 VDC | 150 A
48 VDC | 80 A

DIMENSIONS PICCOLO GV 2



Dimensions PowerCube (1 required)



CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO GV 2
Genverter →	49001105
DC PowerCube 24 VDC | 150 A →	60202002
DC PowerCube 48 VDC | 80 A →	60202003
MAIN SPECIFICATIONS	
Charging current at 24 VDC / 48 VDC	150 A / 80 A
Max. system output	4.3 kW
Number of DC PowerCubes	1
Rpm range	2200 - 2800 rpm
Noise level	51 dB(A) at 7 m / 60 dB(A) at 1 m
Cooling	Shell and Tube Counter current
Exhaust	Wet type, 40mm (except 030)
Speed governor	Mechanical
Starter battery capacity	12 VDC / 80 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 Z482
Emission Regulation	Tier 4, EPA & Stage V
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	0.479 l
Bore & stroke	67 x 68 mm
Air intake system	Naturally aspirated
Air consumption	0.95 m^3/min
Fuel oil	Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption at full load	275 g/kWh
Alternator	12.5 A
Operating principle	Energize to run
Starter power requirement	0.8 kW
Nominal operation voltage	12 VDC
Monitoring and control	Digital Diesel Control / ECU Pro
Protections	Oil pressure, Coolant temperature, Exhaust temperature
Local control	Start/stop & maintenance
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 2.1 l
DIMENSIONS & WEIGHT	
Cabinet Dimensions (W x D x H)	mm : 660 x 550 x 622 In. : 25.9 x 21.7 x 24.5
DC PowerCube Dimensions (W x D x H)	mm : 268 x 316 x 575 In. : 10.6 x 12.4 x 22.6.
Dry weight (cabinet + DC PowerCube)	kg : 155 + (1 PowerCube) 26 lb. : 341.7 + (1 PowerCube) 57.3
Color	RAL9010 signal white, RAL9020 metallic black



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO GV 2	
Article number	**Definition**	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR PICCOLO GV 2			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	1 container required
40401770	A-kit maintenance parts			
40401772	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772

DC Marine Generator

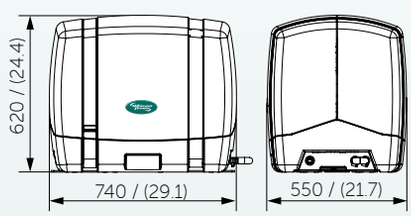
Piccolo GV 3



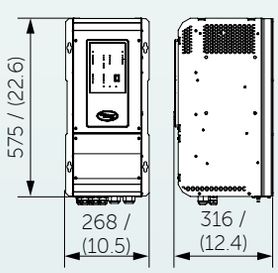
Available as:

24 VDC | 300 A
48 VDC | 160 A

DIMENSIONS PICCOLO GV 3



Dimensions PowerCube (2 required)



CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

		PICCOLO GV 3
Genverter →		49001305
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Charging current at 24 VDC / 48 VDC		300 A / 160 A
Max. system output		8.6 kW
Number of DC PowerCubes		2
Rpm range		2200 - 2600 rpm
Noise level		51 dB(A) at 7 m / 60 dB(A) at 1 m
Cooling		Shell and Tube Counter current
Exhaust		Wet type, 40mm (except 030)
Speed governor		Mechanical
Starter battery capacity		12 VDC / 80 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 D722
Emission Regulation		Tier 4, EPA & Stage V
Engine performance intermittent SAE J1349		14.0 kW at 3600 rpm
Engine performance continuous SAE J1349		12.15 kW at 3600 rpm
Number of cylinders		3
Displacement		0.719 l
Bore & stroke		67 x 68 mm
Air intake system		Naturally aspirated
Air consumption		1.22 m^3/min
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption at full load		275 g/kWh
Alternator		40 A
Operating principle		Energize to run
Starter power requirement		0.8 kW
Nominal operation voltage		12 VDC
Monitoring and control		Digital Diesel Control / ECU Pro
Protections		Oil pressure, Coolant temperature, Exhaust temperature
Local control		Start/stop & maintenance
Service interval oil change		200 h
Lubricant		At least CF
Oil capacity		Approx. 3.2 l
DIMENSIONS & WEIGHT		
Cabinet Dimensions (W x D x H)	mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4
DC PowerCube Dimensions (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6.
Dry weight (cabinet + DC PowerCube)	kg : lb. :	175 + (2 PowerCubes) 26/each 385.8 + (2 PowerCubes) 57.3/each
Color		RAL9010 signal white, RAL9020 metallic black



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO GV 3		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	(3/4")
40230273	Syphon breaker kit	20 mm	(3/4")
40230281	Waterlock exhaust kit	40 mm	(1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")	
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290061



Starter battery installation kit
Art. Nr. 40290106

	EXTRA ACCESSORIES FOR PICCOLO GV 3			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	1 container required
40222214	Coolant	WPL-Coolant G12+,	4 liters	1 container required
40401770	A-kit maintenance parts			
40401772	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772

DC Marine Generator

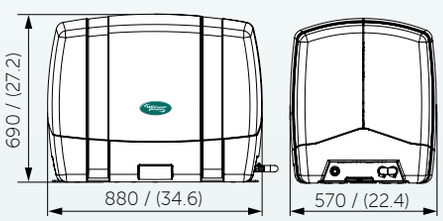
Piccolo GV 3 Plus



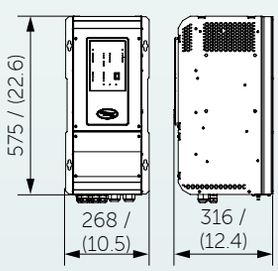
Available as:

24 VDC | 416 A
48 VDC | 208 A

DIMENSIONS PICCOLO GV 3 PLUS



Dimensions PowerCube (3 required)



CONTROL OPTIONS

Option 1 (standard)



DDC Control



DDC

Option 2



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

		PICCOLO GV 3 PLUS
Genverter →		49001505
DC PowerCube 24 VDC | 150 A →		60202002
DC PowerCube 48 VDC | 80 A →		60202003
MAIN SPECIFICATIONS		
Charging current at 24 VDC / 48 VDC		416 A / 208 A
Max. System output		10 kW
Number of DC PowerCubes		3
Rpm range		2400 - 2800 rpm
Noise level		54 dB(A) at 7 m / 65 dB(A) at 1 m
Cooling		Shell and Tube Counter current
Exhaust		Wet type, 40mm (except 030)
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 D1105
Emission Regulation		Tier 4, EPA & Stage V
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 l
Bore & stroke		78 x 78.4 mm
Air intake system		Naturally aspirated
Air consumption		1.46 m^3/min
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption at full load		275 g/kWh
Alternator		40 A
Operating principle		Energize to run
Starter power requirement		1.0 kW
Nominal operation voltage		12 VDC
Monitoring and control		Digital Diesel Control / ECU Pro
Protections		Oil pressure, Coolant temperature, Exhaust temperature
Local control		Start/stop & maintenance
Service interval oil change		200 h
Lubricant		At least CF
Oil capacity		Approx. 4.0 l
DIMENSIONS & WEIGHT		
Cabinet Dimensions (W x D x H)	mm : In. :	880 x 570 x 690 34.7 x 24.4 x 21.2
DC PowerCube Dimensions (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6.
Dry weight (cabinet + DC PowerCube)	kg : lb. :	210 + (3 PowerCubes) 26/each 463 + (3 PowerCubes) 57.3/each
Color		RAL9010 signal white, RAL9020 metallic black



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230281



Water/Gas separator kit
Art. Nr. 40230291



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO GV 3 PLUS	
Article number	**Definition**	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280115	System panel	OctoView 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

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO GV 3 PLUS			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	2 containers required
40401863	A-kit maintenance parts			
40401864	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401863



B-kit maintenance parts
Art. Nr. 40401864

DC Marine Generator

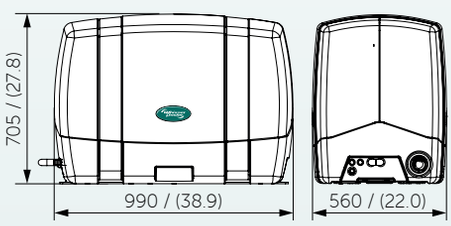
Piccolo GV 4



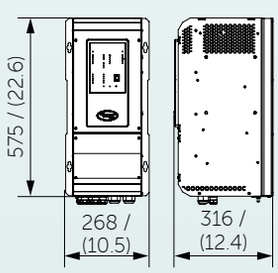
Available as:

24 VDC | 450 A
48 VDC | 240 A

DIMENSIONS PICCOLO GV 4



Dimensions PowerCube (3 required)



STANDARD CONTROL



ECU Pro



OctoView 3

ADDITIONAL MONITORING OPTIONS

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OctoControl Pro



OctoView 7 | 10

Go to **page 64** for keel cooling

	PICCOLO GV 4
Genverter →	49001605
DC PowerCube 24 VDC | 150 A →	60202002
DC PowerCube 48 VDC | 80 A →	60202003
MAIN SPECIFICATIONS	
Charging current at 24 VDC / 48 VDC	450 A / 240 A
Max. system output	12.5 kW
Number of DC PowerCubes	3
Rpm range	2200 - 2600 rpm
Noise level	57 dB(A) at 7 m / 73 dB(A) at 1 m
Cooling	Shell and Tube Counter current
Exhaust	Wet type, 40mm (except 030)
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	Tier 4, EPA & Stage V
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 l
Bore & stroke	78 x 78.4 mm
Air intake system	Naturally aspirated
Air consumption	2.45 m^3/min
Fuel oil	Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption at full load	275 g/kWh
Alternator	40 A
Operating principle	Energize to run
Starter power requirement	1.0 kW
Nominal operation voltage	12 VDC
Monitoring and control	ECU Pro
Protections	Oil pressure, Coolant temperature, Exhaust temperature
Local control	Start/stop & maintenance
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 6.0 l
DIMENSIONS & WEIGHT	
Cabinet Dimensions (W x D x H)	mm : 990 x 560 x 705 In. : 38.9 x 22.0 x 27.8
DC PowerCube Dimensions (W x D x H)	mm : 268 x 316 x 575 In. : 10.6 x 12.4 x 22.6.
Dry weight (cabinet + DC PowerCube)	kg : 230 + (3 PowerCubes) 26/each lb. : 507 + (3 PowerCubes) 57.3/each
Color	RAL9010 signal white, RAL9020 metallic black



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230282



Water/Gas separator kit
Art. Nr. 40230292



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR PICCOLO GV 4		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	(3/4")
40230273	Syphon breaker kit	20 mm	(3/4")
40230282	Waterlock exhaust kit	51 mm	(2")
40230292	Water/Gas separator kit	51/40/51	(2")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR PICCOLO GV 4			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	2 containers required
40401863	A-kit maintenance parts			
40401864	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401863



B-kit maintenance parts
Art. Nr. 40401864

DC Generator system - our OctoPower

Power solution for 24 / 48 VDC

WhisperPower produces advanced fast charging systems suitable for lithium or lead-acid batteries.

Available as a complete DC kit with 24 or 48 VDC batteries, DC distribution system, shorepower/ isolating transformer, and optionally, a robust DC AC inverter of any power rating. Use:

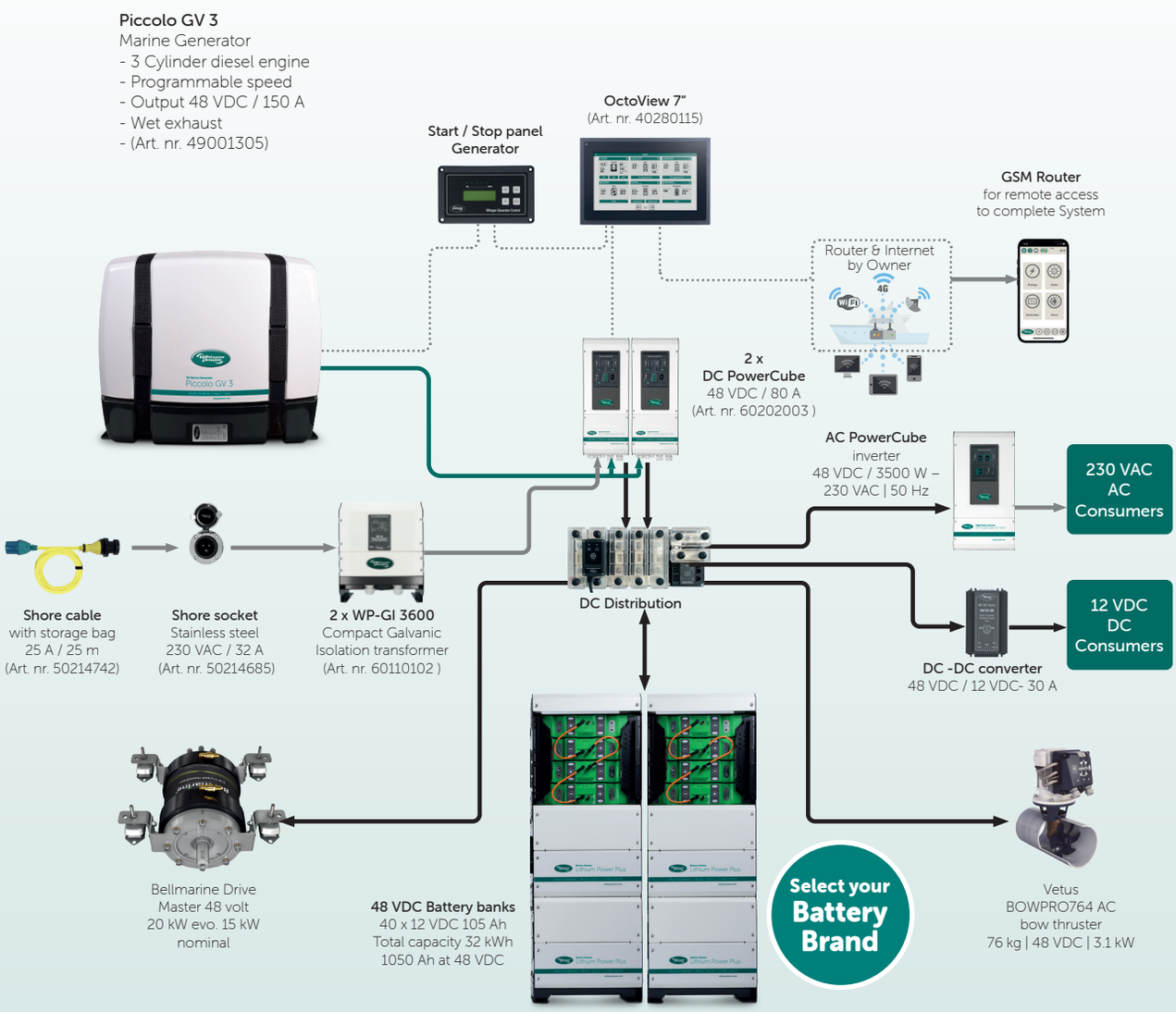
- As a back-up system for electric propulsion, with the certainty of always getting home
- As a silent power source in a system with large DC AC inverter, always power and never power shortage

How it works

The heart of the DC OctoPower system is a battery bank that feeds the DC system and eventually, at the same time, a WhisperPower inverter. This (lithium) battery pack is rechargeable from different sources, including a land power/ dock connection, solar/ wind generator and of course from the Piccolo. Power ratings from 4.3 kW – 12 kW per generator.

System example below:

DC generator system charging one 48 VDC battery – charge power 8.6 kW

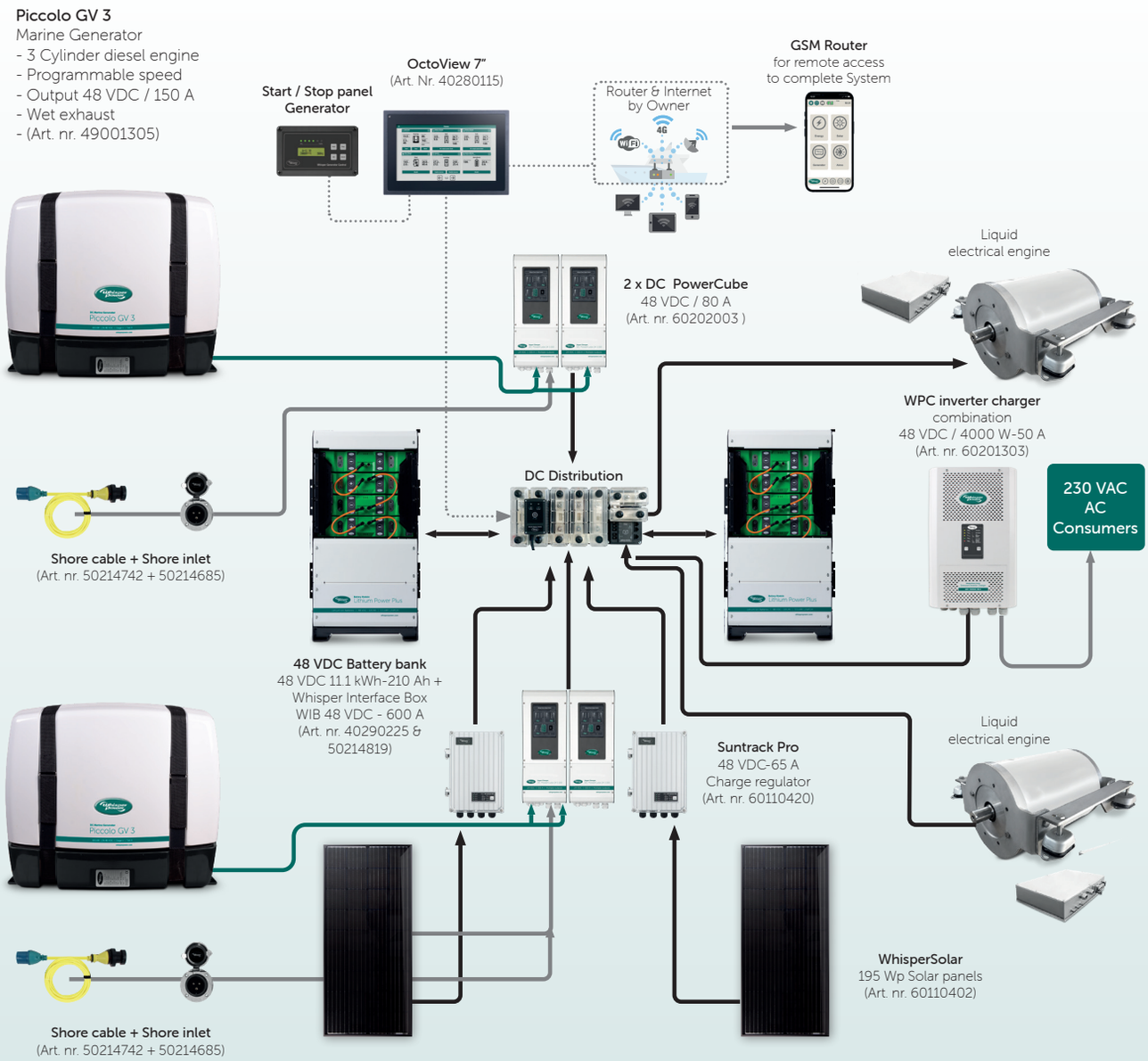


Full control on your DC Power system

WhisperCare

Having the ability to constantly monitor and control your system is essential.

With WhisperCare, you can connect, manage and control your WhisperPower energy system on an installed touch panel in your vessel. WhisperCare can be seamlessly integrated into your existing MFDs, such as Raymarine and Garmin. Additionally, the OctoControl Pro can be used with the OctoView Touch Monitors to view and control your system.



1500 / 1800 rpm models

15-54 kVA

Choose your power window

Over the past 20 years, Whisper generators have built a strong reputation. They are regarded as durable and reliable power solutions, meeting the challenges of commercial and high-end recreational marine 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.



1 **Marine-proof sheet**
metal on an aluminium framework

2 **Robust sound shield**
with rubber inlay

3 **DSE8610 control panel**
built in, parallel-ready

4 **Strong base frame**
on internal shockmounts

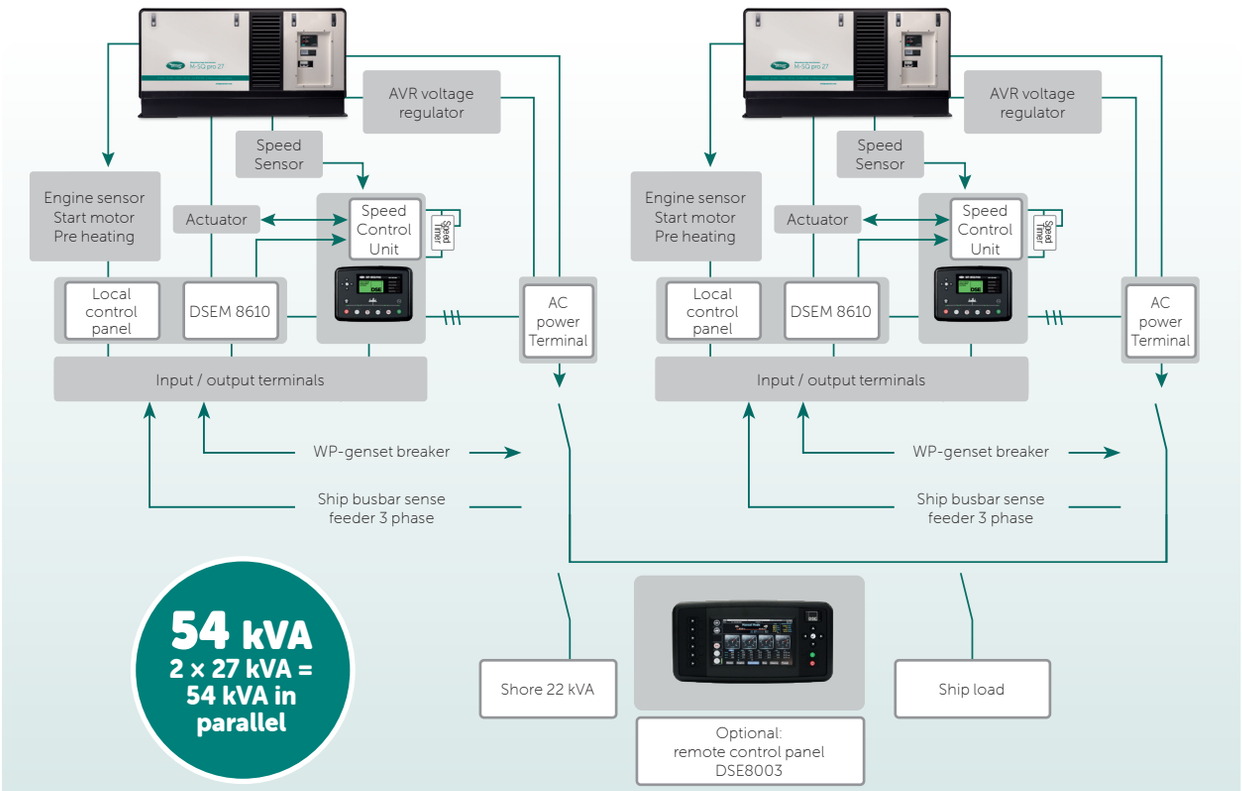
The range at a glance



M-SQ Pro 15	M-SQ Pro 18	M-SQ 22.5	M-SQ Pro 27	M-SQ Pro 32
15 kVA	20 kVA	22.5 kVA	27 kVA	32 kVA

M-SQ Pro system parallel configuration

Save costs on fuel and maintenance





DDC Remote

DDC Remote panel as used in the past for our standard versions, still standard supply for our 1500 versions (excl. M-SQ Pro 32)

- One touch start button
- V/A/Hz read-out
- Various user menus
- Automatic start/stop



OctoView 7 inch Control Panel

Important optional feature of our new M-SQ Pro range is the new 7 inch full colour Touch Screen Control which is easy to link to existing analogue or digital networks. Our traditional DDC controls are still used as standard.

Some key features and benefits of the new control & power management panels:

- Remote communications (RS232, RS485 x2, Ethernet)
- Genset parallel functionality included (ask for more detail)
- 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

General Overview Diesel Generators

M-SQ Pro fixed speed



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	M-SQ Pro 15 | Stage V	M-SQ Pro 15	M-SQ Pro 18 | Stage V	M-SQ Pro 18
50 Hz | 1 Phase →	41207005-STV	41207005	41208105-STV	41208105
60 Hz | Split Phase →	N/A	41207055	N/A	41208155
50 Hz | 3 Phase →	41207305-STV	41207305	41208305-STV	41208305
60 Hz | 3 Phase →	N/A	41207355	N/A	41208355
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	Indirect water cooled		Indirect water cooled	
Voltage regulation	AVR		AVR	
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				
Engine model	Kubota V1505 BG 50 Hz→STV | 60 Hz→ EPA+STV	Kubota V1505 BG	Kubota V2203 M BG EPA + Stage V	Kubota V2203 M BG
Number of cylinders	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				
Cabinet Dimensions (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 / wet exhaust (mm : / In. :)	Ø 50 Ø 1 ½		Ø 50 Ø 1 ½	
Max. operating angle	25º in all directions		25º in all directions	
CONTROL PANEL				
Standard	DDC Optional additional option: OctoView 7 or 10"		DDC Optional additional option: OctoView 7 or 10"	
Control options	Deep Sea Optional additional option: Deep Sea 8003 or ECU Pro + OctoView 3" Optional additional option: OctoView 7 or 10"		Deep Sea Optional additional option: Deep Sea 8003 or ECU Pro + OctoView 3" Optional additional option: OctoView 7 or 10"	
Optional 1	Ungrounded		Ungrounded	
Optional 2	Keel cooling		Keel cooling	
Optional 3	Crankcase heating		Crankcase heating	

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	M-SQ 22.5	M-SQ Pro 27		M-SQ Pro 32
	41101205	41202005		N/A
	41101255	41202055		N/A
	41131205	41201305		41201405
	41131255	41201355		41201455
		1 phase	Split phase/ 3 phase	
	22 kW	23 kW	25 kW	27 kW
	22.5 kVA	27 kVA	27 kVA	32 kVA
	20 kW	22 kW	25 kW	27 kW
	58 dB(A)	56.7 dB(A)	58 dB(A)	58 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)
	Indirect water cooled	Indirect water cooled		Indirect water cooled
	AVR	AVR + EBS		AVR + EBS
	230 VAC | 50 Hz	230 VAC | 50 Hz		N/A
	120/240 VAC | 60 Hz	120/240 VAC | 60 Hz		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
	200 %	300 %		300 %
	< 3 %	< 3 %		< 2 %
	± 5 %	± 5 %		± 5 %
	Mitsubishi S4S	Mitsubishi S4S		Mitsubishi S4S
	4	4		4
	3331 203.3	3331 203.3		3331 203.3
	94 x 120 3.70 x 4.72	94 x 120 3.70 x 4.72		94 x 120 3.70 x 4.72
	1249 x 680 x 798 49.2 x 26.8 x 31.4	1440 x 749 x 805 56.7 x 29.5 x 31.7		1555 x 749 x 805 61.2 x. 29.5 x 31.7
	580 1279	660 1455		680 1499
	Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP		Ø 63 Ø 2 BSP
	25º in all directions	25º in all directions		25º in all directions
	DDC Optional additional option: OctoView 7 or 10"	DDC Optional additional option: OctoView 7 or 10"		DDC Optional additional option: OctoView 7 or 10"
	-	Deep Sea Optional additional option: Deep Sea 8003 or ECU Pro + OctoView 3" Optional additional option: OctoView 7 or 10"		-
	Ungrounded	Ungrounded		Ungrounded
	Keel cooling	Keel cooling		Keel cooling
	Crankcase heating	Crankcase heating		Crankcase heating

Variations such as ungrounded/double pole, dry exhaust or keel cooling are available at request.

Marine Diesel Generator

M-SQ Pro 15



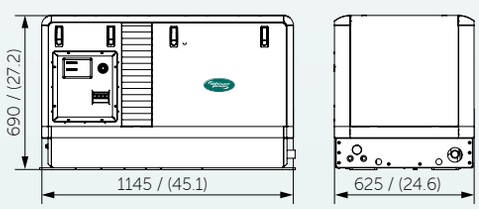
Stage V Available as:

230 VAC | 13.75 kVA | 11 kW | 50 Hz
230/400 VAC | 13.75 kVA | 11 kW | 50 Hz

Non Stage V Available as:

230 VAC | 15 kVA | 12 kW | 50 Hz
120/240 VAC | 15 kVA | 12 kW | 60 Hz
230/400 VAC | 15 kVA | 12 kW | 50 Hz
120/208 VAC | 15 kVA | 12 kW | 60 Hz

DIMENSIONS M-SQ PRO 15



CONTROL OPTIONS		ADDITIONAL MONITORING OPTIONS	
Option 1 (standard)	 DDC Control  DDC	+	 OctoControl Pro  OctoView 7 | 10
Option 2	 Deep Sea	+	 Deep Sea 8003
Option 3	 ECU Pro  OctoView 3	+	 OctoControl Pro  OctoView 7 | 10

Go to **page 64** for keel cooling

	M-SQ Pro 15	
	STAGE V	NON-STAGE V
50 Hz | 1 Phase →	41207005-STV	41207005
60 Hz | Split Phase →	N/A	41207055
50 Hz | 3 Phase →	41207305-STV	41207305
60 Hz | 3 Phase →	N/A	41207355
POWER OUTPUT		
Intermittent Power kW	12	12.5
Continuous power kVA at 25°C (77°F)	13.75	15
Continuous power kW at 25°C (77°F)	11	12
ENGINE SPECIFICATIONS		
Engine model	Kubota V1505 BG	
Number of cylinders	4	
Displacement, cc (cu. In.)	1.5 (91.05)	
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	80 Ah	
Starter motor	12 VDC | 1.2 kW	
COOLING SYSTEM		
Capacity, L, approx.	4.0	
Heat extraction	Shell and Tube Counter current	
Thermostat	Open at 76.6°C	
	Full open at 85°C	
FUEL SYSTEM		
Fuel shut off solenoid	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, m^3/min / (ft^3/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, ungrounded

DIMENSIONS & WEIGHT	Without Sound shield		With Sound shield	
Width mm (in.)	984	(38.4)	1145	(45.1)
Depth 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)



Water inlet kit
Art. Nr. 40230211



Syphon breaker kit
Art. Nr. 40230273



Waterlock exhaust kit
Art. Nr. 40230282



Water/Gas separator kit
Art. Nr. 40230292



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR M-SQ Pro 15		
Article number	**Definition**		
40230211	Water inlet kit	20 mm	(3/4")
40230273	Syphon breaker kit	20 mm	(3/4")
40230282	Waterlock exhaust kit	51 mm	(2")
40230292	Water/Gas separator kit	51/40/51	(2")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290031



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR M-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
42401463	A-kit maintenance parts			
42401462	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401463



B-kit maintenance parts
Art. Nr. 42401462

Marine Diesel Generator

M-SQ Pro 18



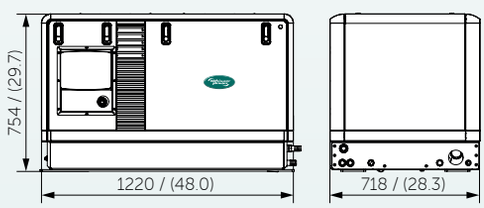
Stage V Available as:

230 VAC | 17.5 kVA | 14 kW | 50 Hz
230/400 VAC | 17.5 kVA | 14 kW | 50 Hz

Non Stage V Available as:

230 VAC | 20 kVA | 16 kW | 50 Hz
120/240 VAC | 20 kVA | 16 kW | 60 Hz
230/400 VAC | 20 kVA | 16 kW | 50 Hz
120/208 VAC | 20 kVA | 16 kW | 60 Hz

DIMENSIONS M-SQ PRO 18



CONTROL OPTIONS		ADDITIONAL MONITORING OPTIONS	
Option 1 (standard)	 DDC Control  DDC	+	 OctoControl Pro  OctoView 7 | 10
Option 2	 Deep Sea	+	 Deep Sea 8003
Option 3	 ECU Pro  OctoView 3	+	 OctoControl Pro  OctoView 7 | 10

Go to **page 64** for keel cooling

	M-SQ Pro 18	
	STAGE V	NON-STAGE V
50 Hz | 1 Phase →	41208105-STV	41208105
60 Hz | Split Phase →	N/A	41208155
50 Hz | 3 Phase →	41208305-STV	41208305
60 Hz | 3 Phase →	N/A	41208355
POWER OUTPUT		
Intermittent Power kW	14.5	16.5
Continuous power kVA at 25°C (77°F)	17.5	20
Continuous power kW at 25°C (77°F)	14	16
ENGINE SPECIFICATIONS		
Engine model	Kubota V2203 M BG	
Number of cylinders	4	
Displacement, cc (cu. In.)	2.2 (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.	8.1	
Heat extraction	Shell and Tube Counter current	
Thermostat	Open at 76.6°C	
	Full open at 85°C	
FUEL SYSTEM		
Fuel shut off solenoid	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, m^3/min / (ft^3/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, ungrounded

DIMENSIONS & WEIGHT	Without Sound shield		With Sound shield	
Width mm (in.)	999	(39.3)	1220	(48.0)
Depth 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)



Water inlet kit
Art. Nr. 40230221



Syphon breaker kit
Art. Nr. 40230274



Waterlock exhaust kit
Art. Nr. 40230282



Water/Gas separator kit
Art. Nr. 40230292



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR M-SQ Pro 18		
Article number	**Definition**		
40230221	Water inlet kit	25 mm	(1")
40230274	Syphon breaker kit	25 mm	(1")
40230282	Waterlock exhaust kit	51 mm	(2")
40230292	Water/Gas separator kit	51/40/51	(2")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR M-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
42401362	A-kit maintenance parts			
42401363	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401362



B-kit maintenance parts
Art. Nr. 42401363

Marine Diesel Generator

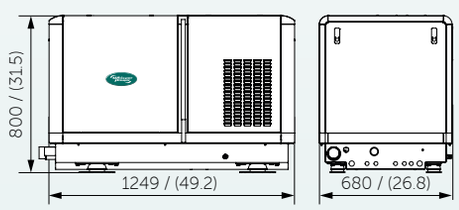
M-SQ 22.5



Available as:

230 VAC | 22.5 kVA | 20 kW | 50 Hz
120/240 VAC | 22.5 kVA | 20 kW | 60 Hz
230/400 VAC | 22.5 kVA | 20 kW | 50 Hz
120/208 VAC | 22.5 kVA | 20 kW | 60 Hz

DIMENSIONS M-SQ PRO 22.5



STANDARD CONTROL	ADDITIONAL MONITORING OPTIONS
 DDC Control	 OctoControl Pro
 DDC	 OctoView 7 | 10



Go to page 64 for keel cooling

	M-SQ 22.5
50 Hz | 1 Phase →	41101205
60 Hz | Split Phase →	41101255
50 Hz | 3 Phase →	41131205
60 Hz | 3 Phase →	41131255
POWER OUTPUT	
Intermittent Power kW	22
Continuous power kVA at 25°C (77°F)	22.5
Continuous power kW at 25°C (77°F)	20
ENGINE SPECIFICATIONS	
Engine model	Mitsubishi S4S
Number of cylinders	4
Displacement, cc (cu. In.)	3.331 (203,3)
Bore, mm (in.)	94 (3,7)
Stroke, mm (in.)	120 (4,7)
Compression ratio	22.0
Combustion system	IDI
Nominal speed, rpm	1500
Net Continuous power at rated rpm, kW (hp)	28,3 (38,5)
Governor, type	Mechanical (± 5%)
Max. operating angle	15°
ENGINE ELECTRICAL SYSTEM	
Battery, voltage	12 VDC
Battery, charging module	50 A
Battery, minimum recommendation	145 Ah
Starter motor	12 VDC | 2.2 kW
COOLING SYSTEM	
Capacity, L, approx.	5.5
Heat extraction	Shell and Tube Counter current
Thermostat	Open at 76.6°C
	Full open at 85°C
FUEL SYSTEM	
Fuel shut off solenoid	Electrical (ETR)
Fuel injection pump	In-Line pump
Fuel lift pump	NA
LUBRICATION SYSTEM	
Oil pump type	Pressure
Oil pan capacity with filter, L (gal.)	9.3 (2.5)
OPERATION REQUIREMENTS	**50 Hz**
Engine Speed rpm	1500
Air requirements, m^3/min / (ft^3/min)	353
Max. air intake restriction, kPa	1.96
Max. allowed exhaust pressure, kPa	6.57
FUEL CONSUMPTION g/kWh	**50 Hz**
100% load	302

Optional: Crankcase heater, Keel cooling, ungrounded

DIMENSIONS & WEIGHT	Without Sound shield		With Sound shield	
Width mm (in.)	1163	(45,8)	1248	(49,2)
Depth mm (in.)	595	(23,4)	675	(26,5)
Height mm (in.)	719	(28,3)	797	(31,4)
Weight kg (lb.) Wet	405	(893)	595	(1311,7)
Weight kg (lb.) Dry	385	(849)	580	(1279)



Water inlet kit
Art. Nr. 40230221



Syphon breaker kit
Art. Nr. 40230274



Waterlock exhaust kit
Art. Nr. 40230225



Water/Gas separator kit
Art. Nr. 40230224



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR M-SQ 22.5		
Article number	**Definition**		
40230221	Water inlet kit	25 mm	(1")
40230274	Syphon breaker kit	25 mm	(1")
40230225	Waterlock exhaust kit	63 mm	($2^1/_2$")
40230224	Water/Gas separator kit	63/50/63	($2^1/_2$")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR M-SQ 22.5			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	3 containers required
40201660	A-kit maintenance parts			
40201661	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201660



B-kit maintenance parts
Art. Nr. 40201661

Marine Diesel Generator

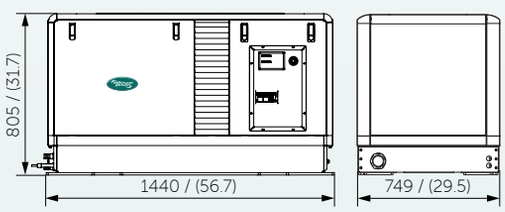
M-SQ Pro 27



Available as:

230 VAC | 27 kVA | 22 kW | 50 Hz
120/240 VAC | 27 kVA | 22 kW | 60 Hz
230/400 VAC | 27 kVA | 25 kW | 50 Hz
120/208 VAC | 27 kVA | 25 kW | 60 Hz
PARALLEL CONFIGURATION | 54 kVA

DIMENSIONS M-SQ PRO 27



CONTROL OPTIONS		ADDITIONAL MONITORING OPTIONS	
Option 1 (standard)	 DDC Control  DDC	+	 OctoControl Pro  OctoView 7 | 10
Option 2	 Deep Sea	+	 Deep Sea 8003
Option 3	 ECU Pro  OctoView 3	+	 OctoControl Pro  OctoView 7 | 10

Go to **page 64** for keel cooling

	M-SQ Pro 27
50 Hz | 1 Phase →	41202005
60 Hz | Split Phase →	41202055
50 Hz | 3 Phase →	41201305
60 Hz | 3 Phase →	41201355

POWER OUTPUT	1 Phase	Split & 3 Phase
Intermittent Power kW	23	25
Continuous power kVA at 25°C (77°F)	27	27
Continuous power kW at 25°C (77°F)	22	22.5
ENGINE SPECIFICATIONS		
Engine model	Mitsubishi S4S	
Number of cylinders	4	
Displacement, cc (cu. In.)	3,331 (203,3)	
Bore, mm (in.)	94 (3,7)	
Stroke, mm (in.)	120 (4,7)	
Compression ratio	22.0	
Combustion system	IDI	
Nominal speed, rpm	1500	
Net Continuous power at rated rpm, kW (hp)	28,3 (38,5)	
Governor, type	Mechanical (± 5%)	
Max. operating angle	15°	
ENGINE ELECTRICAL SYSTEM		
Battery, voltage	12 VDC	
Battery, charging module	50 A	
Battery, minimum recommendation	145 Ah	
Starter motor	12 VDC | 1.2 kW	
COOLING SYSTEM		
Capacity, L, approx.	5.5	
Heat extraction	Shell and Tube Counter current	
Thermostat	Open at 76.6°C	
	Full open at 85°C	
FUEL SYSTEM		
Fuel shut off solenoid	Electrical (ETR)	
Fuel injection pump	In-Line pump	
Fuel lift pump	NA	
LUBRICATION SYSTEM		
Oil pump type	Pressure	
Oil pan capacity with filter, L (gal.)	9,3 (2.5)	
OPERATION REQUIREMENTS	**50 Hz**	
Engine Speed rpm	1500	
Air requirements, m^3/min / (ft^3/min)	353	
Max. air intake restriction, kPa	1.96	
Max. allowed exhaust pressure, kPa	7.07	
FUEL CONSUMPTION g/kWh	**50 Hz**	
100% load	302	

Optional: Crankcase heater, Keel cooling, ungrounded

DIMENSIONS & WEIGHT	Without Sound shield		With Sound shield	
Width mm (in.)	1275	(50.2)	1440	(56.7)
Depth mm (in.)	595	(23.2)	749	(29.5)
Height mm (in.)	710	(23.9)	805	(31.7)
Weight kg (lb.) Wet	587	(1294)	680	(1499)
Weight kg (lb.) Dry	567	(1250)	660	(1455)



Water inlet kit
Art. Nr. 40230221



Syphon breaker kit
Art. Nr. 40230274



Waterlock exhaust kit
Art. Nr. 40230225



Water/Gas separator kit
Art. Nr. 40230224



Universal fuel kit
Art. Nr. 40230205

	ACCESSORIES & OPTIONS FOR M-SQ Pro 27		
Article number	**Definition**		
40230221	Water inlet kit	25 mm	(1")
40230274	Syphon breaker kit	25 mm	(1")
40230225	Waterlock exhaust kit	63 mm	($2^1/_2$")
40230224	Water/Gas separator kit	63/50/63	($2^1/_2$")
40230205	Universal fuel kit		
40280115	System panel	OctoView 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	

*) OctoView 7" is optional in combination with OctoControl Pro

System monitoring



System panel
Art. Nr. 40280115



OctoControl Pro
Art. Nr. 60208025



Starter battery
Art. Nr. 40290062



Starter battery installation kit
Art. Nr. 40290108

	EXTRA ACCESSORIES FOR M-SQ Pro 27			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	3 containers required
40201660	A-kit maintenance parts			
40201661	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201660



B-kit maintenance parts
Art. Nr. 40201661

Marine Diesel Generator

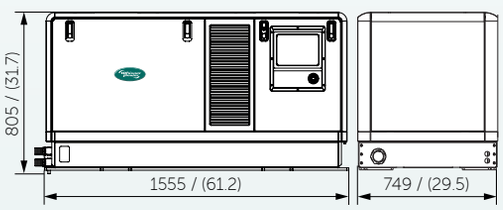
M-SQ Pro 32



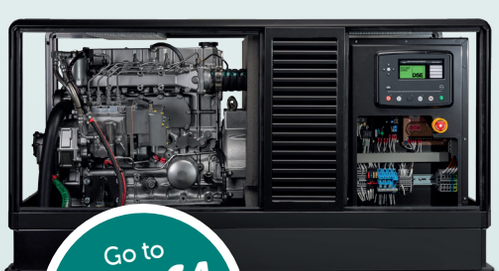
Available as:

230/400 VAC | 32 kVA | 27 kW | 50 Hz
120/240 VAC | 32 kVA | 27 kW | 60 Hz

DIMENSIONS M-SQ PRO 32



STANDARD CONTROL	ADDITIONAL MONITORING OPTIONS
	+ 
Deep Sea	Deep Sea 8003



Go to page 64 for keel cooling

	M-SQ Pro 32
50 Hz | 1 Phase →	N/A
60 Hz | Split Phase →	N/A
50 Hz | 3 Phase →	41201405
60 Hz | 3 Phase →	41201455
POWER OUTPUT	**3 Phase**
Intermittent Power kW	27
Continuous power kVA at 25°C (77°F)	32
Continuous power kW at 25°C (77°F)	27
ENGINE SPECIFICATIONS	
Engine model	Mitsubishi S4S
Number of cylinders	4
Displacement, cc (cu. In.)	3.331 (203,3)
Bore, mm (in.)	94 (3,7)
Stroke, mm (in.)	120 (4,7)
Compression ratio	22.0
Combustion system	IDI
Nominal speed, rpm	1500
Net Continuous power at rated rpm, kW (hp)	28,3 (38,5)
Governor, type	Mechanical (± 5%)
Max. operating angle	15°
ENGINE ELECTRICAL SYSTEM	
Battery, voltage	12 VDC
Battery, charging module	50 A
Battery, minimum recommendation	145 Ah
Starter motor	12 VDC | 2.2 kW
COOLING SYSTEM	
Capacity, L, approx.	5.5
Heat extraction	Shell and Tube Counter current
Thermostat	Open at 76.6°C
	Full open at 85°C
FUEL SYSTEM	
Fuel shut off solenoid	Electrical (ETR)
Fuel injection pump	In-Line pump
Fuel lift pump	NA
LUBRICATION SYSTEM	
Oil pump type	Pressure
Oil pan capacity with filter, L (gal.)	9.3 (2.5)
OPERATION REQUIREMENTS	**50 Hz**
Engine Speed rpm	1500
Air requirements, m3 / min. / (ft3 / min)	353
Max. air intake restriction, kPa	1.96
Max. allowed exhaust pressure, kPa	6.57
FUEL CONSUMPTION g/kWh	**50 Hz**
100% load	235

Optional: Crankcase heater, Keel cooling, ungrounded

DIMENSIONS & WEIGHT	Without Sound shield		With Sound shield	
Width mm (in.)	1435	(56,5)	1537	(60,5)
Depth mm (in.)	585	(23)	749	(29,5)
Height mm (in.)	728	(28,7)	805	(31,7)
Weight kg (lb.) Wet	496	(1094)	700	(1543)
Weight kg (lb.) Dry	476	(1050)	680	(1499)



Water inlet kit
Art. Nr. 40230221



Syphon breaker kit
Art. Nr. 40230274



Waterlock exhaust kit
Art. Nr. 40230225



Water/Gas separator kit
Art. Nr. 40230224

	ACCESSORIES & OPTIONS FOR M-SQ Pro 32	
Article number	**Definition**	
40230221	Water inlet kit	25 mm (1")
40230274	Syphon breaker kit	25 mm (1")
40230225	Waterlock exhaust kit	63 mm (2½")
40230224	Water/Gas separator kit	63/50/63 (2½")
50208053	System 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	



System 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 M-SQ Pro 32			
Article number	**Definition**			
40222244	Lubricant oil	WPL-15W40 General,	4 liters	2 containers required
40222214	Coolant	WPL-Coolant G12+,	4 liters	3 containers required
40201660	A-kit maintenance parts			
40201661	B-kit maintenance parts			



Lubricant oil
Art. Nr. 40222244



Coolant
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40201660



B-kit maintenance parts
Art. Nr. 40201661

WhisperPower Exhaust Systems

For a safe and quiet system

Pairing your generator with our WhisperPower exhaust system adds a fit for purpose and professional finishing touch in much the same way that the WhisperPower installation kits ensure correct and professional installation. They have been specifically designed for our WhisperPower generators to manage engine noise and separate exhaust gas from the cooling water. Our exhaust kits are composed as follows:

- The WhisperPower silencers / waterlocks are designed for engines and generators positioned below the waterline. They protect the engine against the return flow of cooling water. An important additional feature is the noise reduction of the engine
- The WhisperPower water / gas separator is designed to remove the exhaust fumes from the cooling water via two outlets: one above the waterline for fumes and one to discharge the cooling water. As a result, there is a considerable reduction in exhaust noise with no splash noise.
- The WhisperPower exhaust components are made from fire proof GRP and fully comply with ABYC regulations
- The kits include hoses (certified to ISO 13363/ marine use), heavy duty hose clamps, seacocks and through-hull fittings



Water / Gas Separator

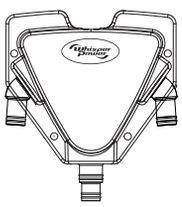
Available as a complete kit with hoses, seacocks and through-hull fittings or as separate silencer / waterlock.

Silencer / Waterlock

Available as a complete kit or as separate silencer / waterlock in three sizes. Suitable for all engines or standard generators from 3 kW-30 kW



Water / Gas Separator



Available as:

Art. Nr. 40230087
40-40-40 mm
(1⅝" - 1⅝" -1⅝")
370 x 165 x 417 mm
14.57 x 6.50 x 16.42 In.

Art. Nr. 40230088
51-40-51 mm
(2" - 1⅝" -2")
370 x 165 x 417 mm
14.57 x 6.50 x 16.42 In.

Silencer / Waterlock



Available as:

Art. Nr. 40230083
40-40 mm (1⅝")
310 x 210 x 310 mm
12.20 x 8.27 x 12.20 In.

Art. Nr. 40230084
51-51 mm (2")
310 x 210 x 310 mm
12.20 x 8.27 x 12.20 In.

	WHISPERPOWER WATERLOCK / GAS SEPARATOR (PLASTIC)	
Art. Nr.	**Model**	
40230083	WP-WL 40/40 Silencer / waterlock	40 mm
40230281	WP-WL 40/40/40 Silencer / waterlock exhaust kit ($1^5/_8$")	40 mm
40230087	WP-WGS 40/40/40 Water / Gas separator ($1^5/_8$")*	40 mm
40230291	WP-WGS 40/40 Water / Gas separator kit ($1^5/_8$")*	40 mm
40230084	WP-WL 51/51 Silencer / waterlock	51 mm
40230292	WP-WL 51/51 Water / Gas separator kit (2")*	51 mm
40230282	WP-WL 51/51 Silencer / waterlock exhaust kit (2")	51 mm
40230088	WP-WGS 51/40/51 Water / Gas separator (2")*	51 mm
40230225	WP-WL 63/63 Silencer / waterlock exhaust kit ($2^1/_2$")	63 mm



* Kits with plastic thru-hull for aluminium or carbon hull available at request

Service Kits
from WhisperPower

The A-kit contains all the spare parts for those items, such as filters and belts, that should be replaced on a regular basis. We advise always ordering an A-kit along with your new WhisperPower generator. The B-kit consists of parts for those items which may need to be replaced after a longer period of time, depending on the number of operating hours. Our B-kits include a larger number of components such as seals and various mechanical parts. For long trips, it is advisable to take a B-kit with you on board.

SERVICE KITS FOR MARINE USE	
40401170	A-kit Piccolo 5
40401171	B-kit Piccolo 5
40401770	A-kit Piccolo GV 2, GV 3, 6, 8, 10 and 12
40401771	B-kit Piccolo 6 and 8
40401772	B-kit Piccolo GV 2, GV 3, 10 and 12
40401863	A-kit Piccolo GV 3 Plus, GV 4 and 15
40401864	B-kit Piccolo GV 3 Plus, GV 4 and 15
40401780	A-kit Piccolo 18
40401781	B-kit Piccolo 18
42401463	A-kit M-SQ Pro 15
42401462	B-kit M-SQ Pro 15
42401362	A-kit M-SQ Pro 18
42401363	B-kit M-SQ Pro 18
40201660	A-kit M-SQ 22.5, M-SQ Pro 27 & 32
40201661	B-kit M-SQ 22.5, M-SQ Pro 27 & 32
COOLANT AND ENGINE OIL	
40222214	WPL Coolant G12, Coolant, 4 liters
40222244	WPL 15 W40 General, Engine oil, 4 liters
40222221	WPL 15 W40 Premium Long Drain, Engine oil, 1 liter







Spare Parts

Silencer/Waterlock



Available as:

40/40
51/51

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
40230083	Silencer/waterlock 40/40	40 mm, synthetic material
40230084	Silencer/waterlock 51/51	51 mm, synthetic material

Spare Parts

Water-Gas Separator



Available as:

40/40/40
51/40/51

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
40230087	Water-gas separator 40/40/40	40 mm, synthetic material
40230088	Water-gas separator 51/40/51	51 mm, synthetic material

Spare Parts

Marine fuel hose for diesel



Available as:

8 x 16 mm | drum 20 m

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
50220063	Marine fuel hose for diesel	8 x 16 mm (drum 20 m)

Spare Parts

Exhaust hose



Available as:

(15/8") | 40 mm Ø
(2") | 51 mm Ø
(21/2") | 63 mm Ø

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
50220033	Exhaust hose ($1^5/_8$")	40 mm Ø (inner diameter)
50220035	Exhaust hose (2")	51 mm Ø (inner diameter)
50220036	Exhaust hose ($2^1/_2$")	63 mm Ø (inner diameter)

Spare Parts

Transparent Coolant Hose



Available as:

13 x 19 mm | drum 20 m
19 x 26 mm | drum 20 m
25 x 33 mm | drum 20 m

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
50220055	Transparent coolant hose with metal spiral	13 x 19 mm (drum 20 m)
50220056	Transparent coolant hose with metal spiral	19 x 26 mm (drum 20 m)
50220050	Transparent coolant hose with metal spiral	25 x 33 mm (drum 20 m)

Spare Parts

Rubber Flexible Coolant Hose



Available as:

13 x 21 mm | drum 20 m
18 x 26 mm | drum 20 m
25 x 34 mm | drum 20 m
32 x 41 mm | drum 20 m

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
50220057	Rubber flexible coolant hose (1/2")	13 x 21 mm (drum 20 m)
50220011	Rubber flexible coolant hose (3/4")	18 x 26 mm (drum 20 m)
50220012	Rubber flexible coolant hose (1")	25 x 34 mm (drum 20 m)
50220013	Rubber flexible coolant hose (1 1/4")	32 x 41 mm (drum 20 m)

Spare Parts

Battery Cable Red/Black



Available as:

Red	**Black**
16 mm² drum 50 m	16 mm² drum 50 m
25 mm² drum 25 m	25 mm² drum 25 m
35 mm² drum 25 m	35 mm² drum 25 m

5 YEARS WARRANTY

	IMPORTANT INSTALLATION PARTS	
Article number	**Definition**	
50213070	Battery cable Red	16 mm² (drum 50 m)
50213071	Battery cable Black	16 mm² (drum 50 m)
50213075	Battery cable Red	25 mm² (drum 25 m)
50213076	Battery cable Black	25 mm² (drum 25 m)
50213085	Battery cable Red	35 mm² (drum 25 m)
50213086	Battery cable Black	35 mm² (drum 25 m)

Spare Parts
Cooler Kits



	BOX COOLER KITS	
Article number	**Definition**	
40201303	Box cooler kit up to 10 kVA	keel cooling, dry exhaust
40201304	Box cooler kit GV2/3 - GV8/10	keel cooling, dry exhaust
40201873	Box cooler kit up to 15 kVA	keel cooling, dry exhaust
40201874	Box cooler kit up to 20 kVA	keel cooling, dry exhaust
40201894	Box cooler kit for M-SQ Pro 27	

Spare Parts
Dry Exhaust Kits



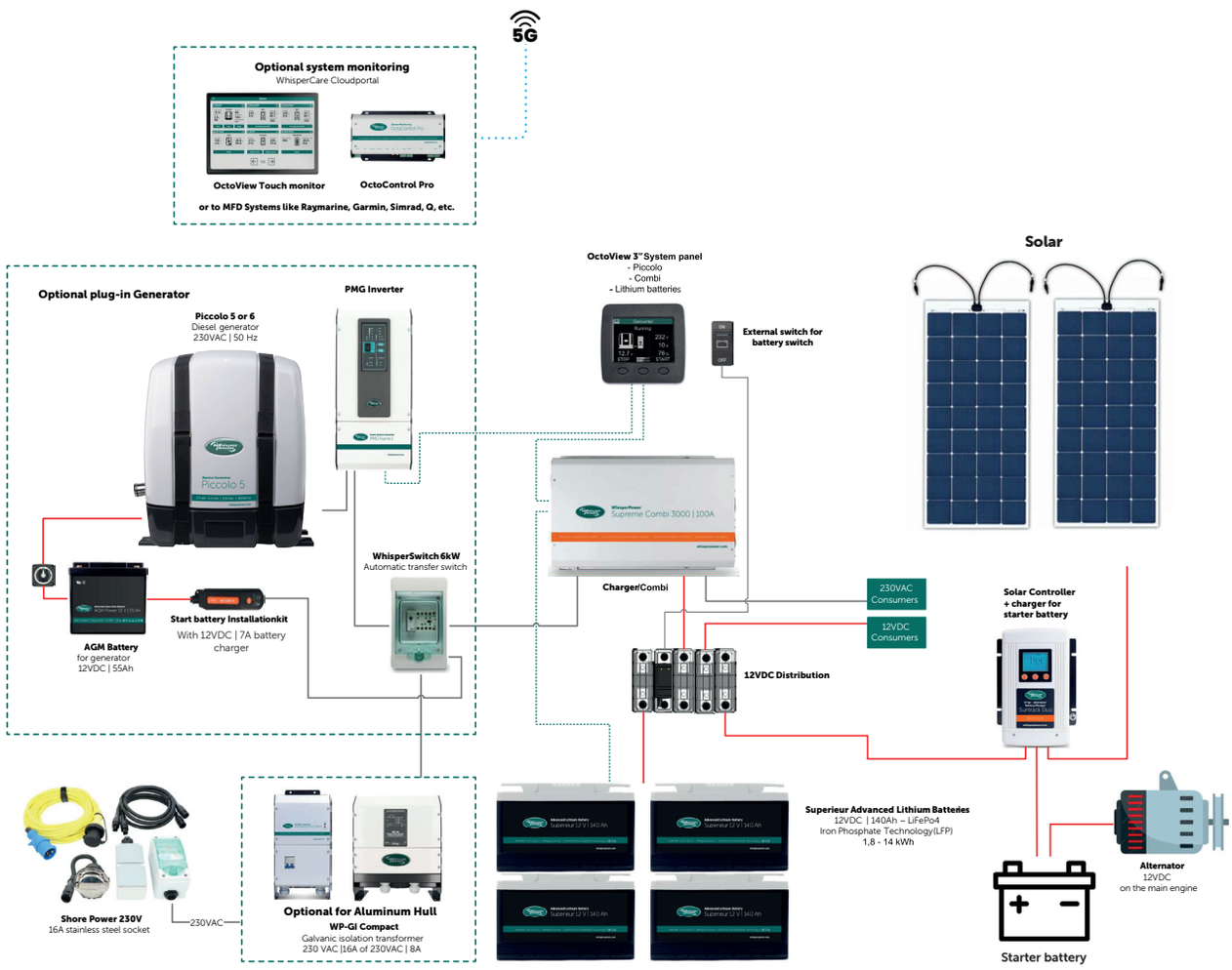
	EXHAUST KITS	
Article number	**Definition**	
40201325	Dry exhaust kit 1"	for Genverter up to M-GV 15
40201326	Dry exhaust kit 1" Combi style muffler	for M-GV 8 / 10
40201875	Dry exhaust kit 1½"	for M-SQ 8 / 12 / 15 / 16 / 20
40201889	Dry exhaust kit 2"	for M-SQ Pro 27 / 32
40201324	Insulation blanket kit	for exhaust kit



Diesel or gas generator replacement

OctoPower 3

- Lithium battery/ sine wave inverter power supply combination
- AC power to operate air-conditioning and other appliances
- Connects to outboards/ inboards/ shore power and solar
- Interfaces with pilot house for essential power information
- WhisperCare for full remote monitoring
- Smooth integration of the optional Piccolo generator into the system with full automatic start-stop based on DC/AC power demand

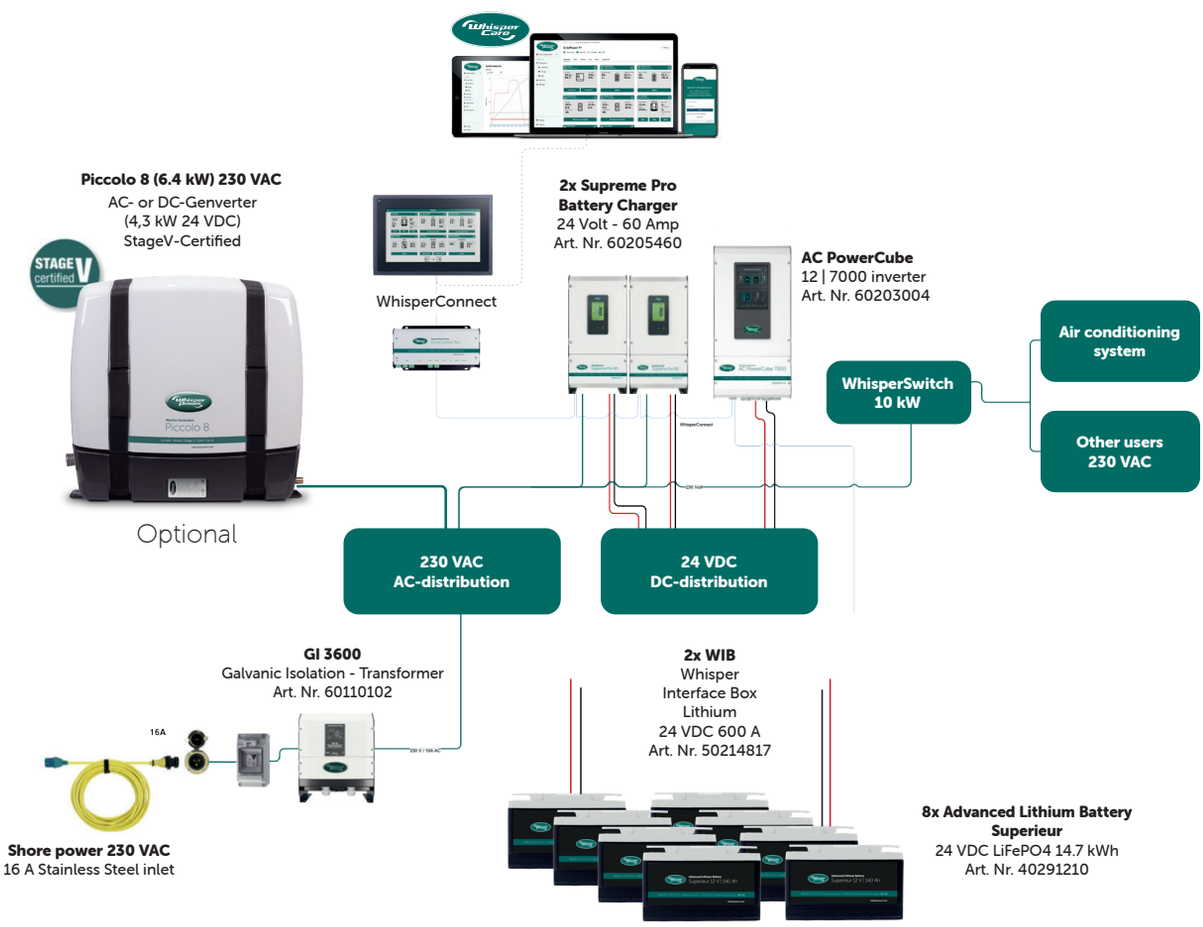




Low – emission night silent system

OctoPower 7

- Lithium battery/ sine wave inverter power supply combination
- With Super silent diesel back-up generator 8 kVA, (6.5 kW)
- AC power from genset or inverter to operate several air-conditioning units
- And all other comfort equipment including anti-roll
- Connects to outboards/ inboards/ shore power and solar
- Interfaces with pilot house for essential power information
- WhisperCare app for full remote control & monitoring

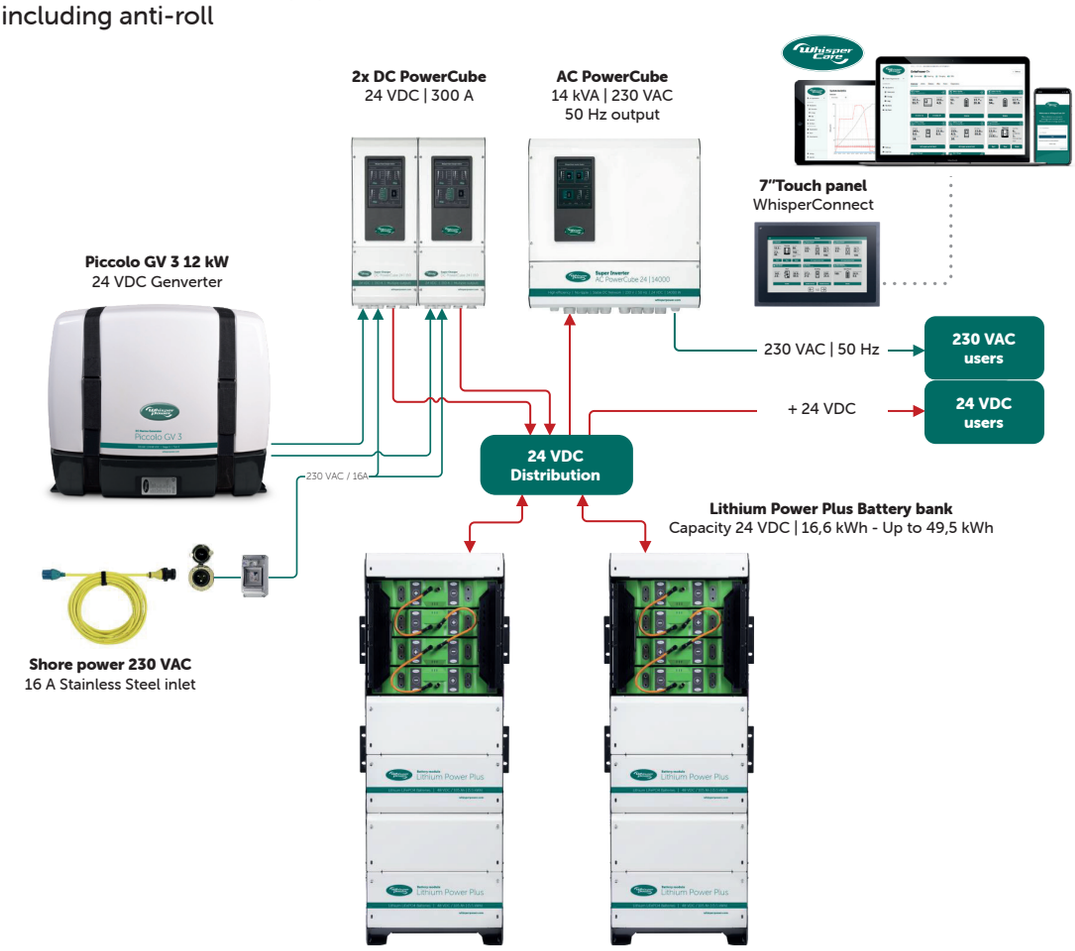




Low - emission night silent system with diesel generator(s)

OctoPower14+

- Lithium battery/ sine wave inverter power supply combination
- With Super silent diesel back-up generators Piccolo Twin 2 x 10 kVA, (16 kW)
- AC power from genset or inverter to operate several air-conditioning units
- And all other comfort equipment including anti-roll
- Connects to outboards/ inboards/ shore power and solar
- Interfaces with pilot house for essential power information
- WhisperCare for full remote control & monitoring

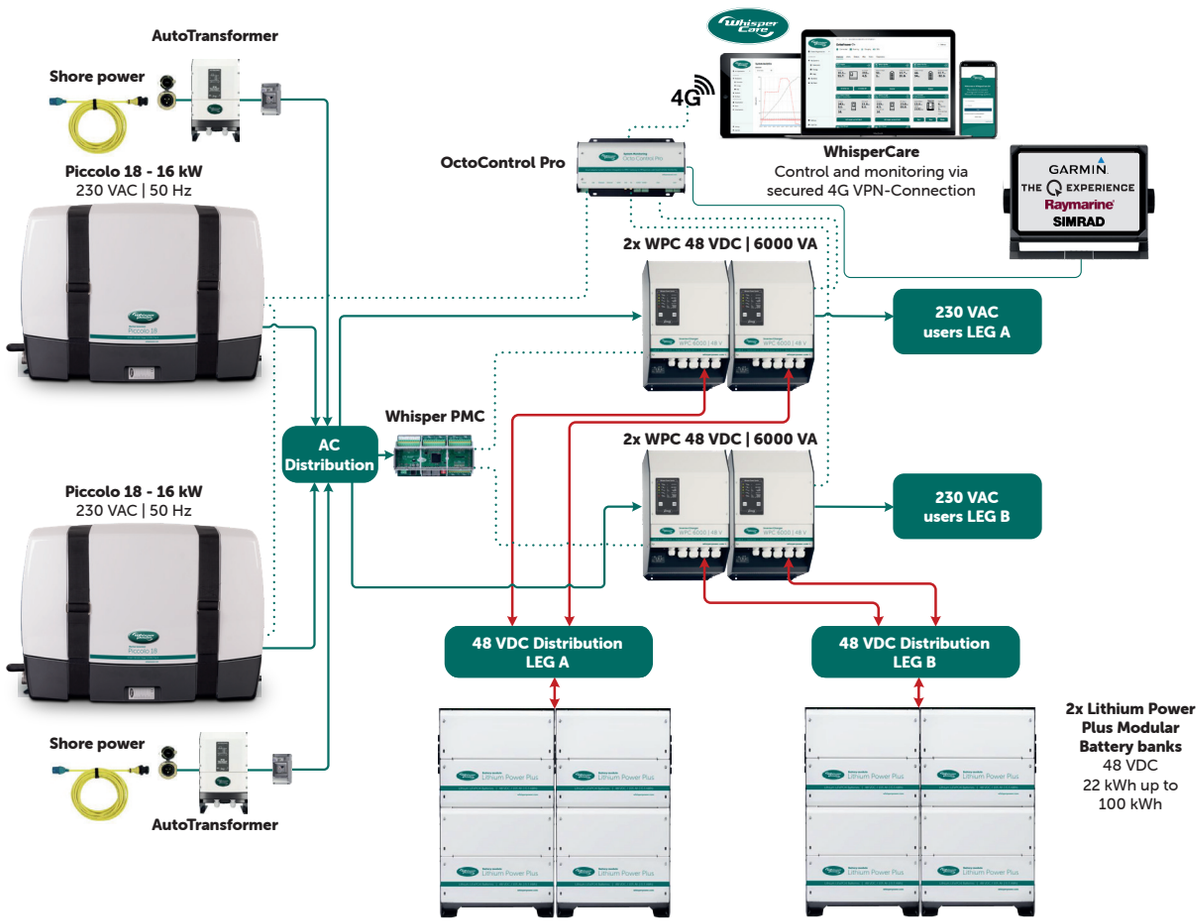




Low – emission night silent system

OctoPower 25

- Lithium battery/ sine wave inverter power supply combination > 120 kWh
- With super silent diesel back-up generators Twin or M-SQ Pro range
- AC power from genset or inverter to operate several air-conditioning units
- And all other comfort equipment including anti-roll
- Connects to inboards, shore power and solar
- Interfaces with pilot house for essential power information
- WhisperCare for full remote control & monitoring



WhisperCare
Monitoring & Control

On-site monitoring
OctoView 3

No extra boxes needed! Connects directly to the Superieur battery pack. Direct access to obtain information such as State of Charge (SOC) of the battery, battery voltage, current in/out and various fault finding information.





On-site monitoring
Connect to 7- or 10-inch touch screens

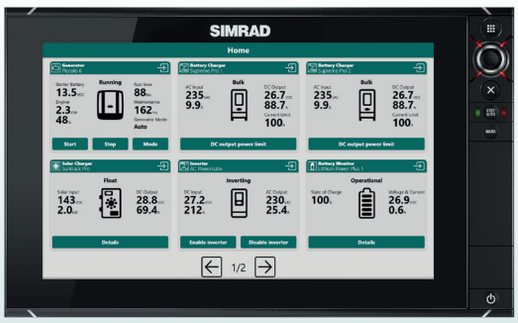
For more advanced monitoring and control, the Superieur battery can be connected to the OctoView 7 or 10 inch touch screen, providing a clear visual and user-friendly interface. Requires one of the OctoControl interface devices.

- These Touch screens offer quick access to all essential system components
- Includes historical read-out information, system graphs and battery analytics
- Other WhisperPower power products can be connected as well including
  Supreme Pro or Supreme Multi battery chargers
- Works with OctoControl Pro to enhance system management.

Integration to MFD-systems

Already using a multifunctional display (MFD) from Garmin, Raymarine, SIMRAD, B&G, NextFour or YachtControl?

Superieur batteries can be connected via one of the OctoControl interfaces, via a HTML5 connection, to these screens.





The final step:
Online monitoring

With our WhisperCare system components, it's a piece of cake to enable remote monitoring of the Superieur battery system, with the added option of receiving alarm system notifications. Simply connect the Superieur battery bank to one of the OctoControl interfaces and to an existing router with SIM, or order a WhisperPower router, and the entire energy management system can be monitored remotely. WhisperPower's cloud-based solutions offer full system control, monitoring, historical analytics and a lot more.

Monitoring & Control

WhisperCare-Product Family

The solution to connect, manage and control your WhisperPower energy system.



OctoPower System



Basic monitoring and control with the OctoView 3 panel



OctoControl Pro

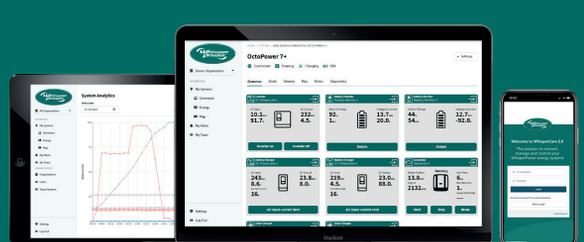


Advanced monitoring and control with an OctoView 7 or 10-inch panel (OctoControl Pro required)



MFD Integration (OctoControl Pro required)

Compatible with leading MFD brands, including:
Garmin
Q experience
Raymarine
Simrad



Remote control and fleet management (OctoControl Pro required)

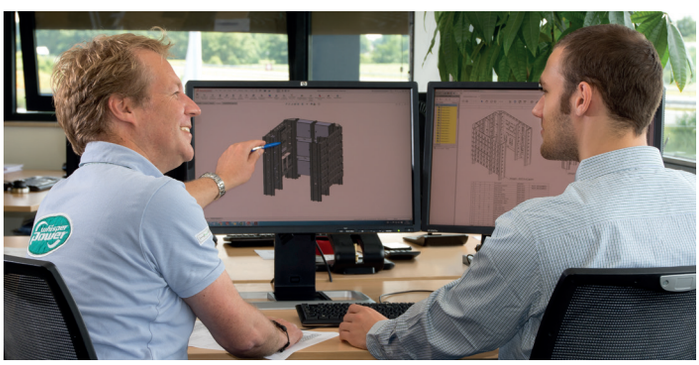
The Company

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

In 2009 Hybrid Power Systems BV was founded to develop and produce combined hybrid power and propulsion systems for superyachts and commercial vessels. Since 2010, 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

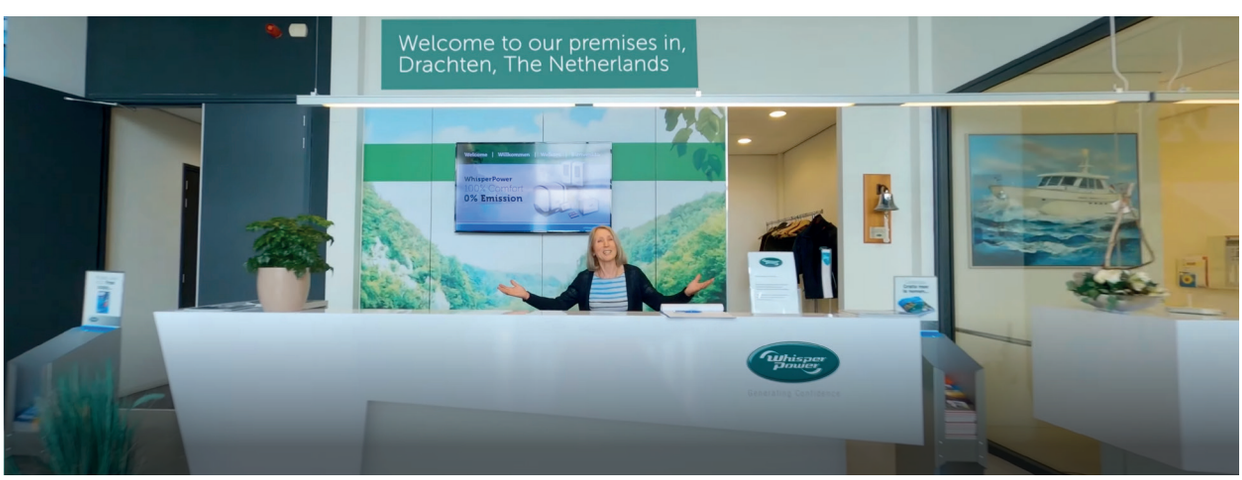
A large proportion of WhisperPower's production takes place in a modern 5500 m^2 factory in the Netherlands where work is done in accordance with ISO standards. Each integrated diesel product is tested extensively (3 hours) and receives a test certificate.

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, anytime

WhisperPower Service & Support

At WhisperPower, service and support goes beyond production and sales. We are and happily remain responsible for our products, systems and accessories. You can therefore count on all the necessary service and support both before and after your purchase. From initial system advice through to installation and from commissioning to outstanding maintenance and warranty support, first-class service is our aim and priority.

System advice and design focused on your specific needs

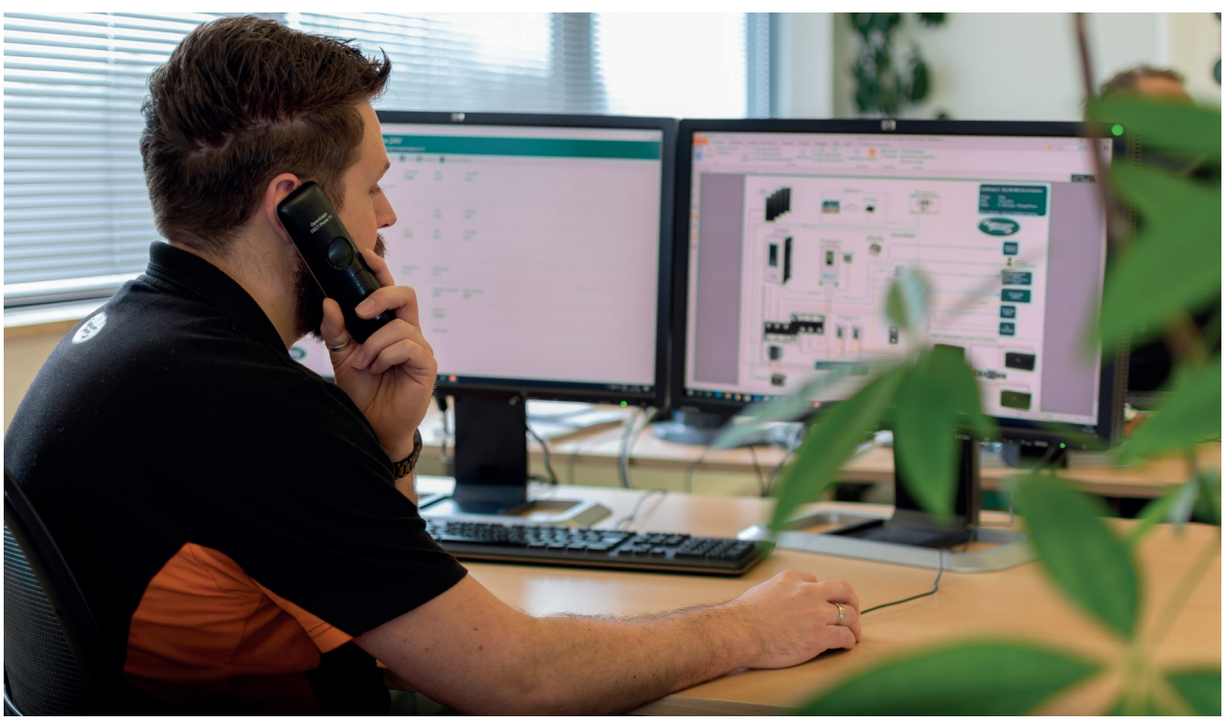
Our engineers and advisers have extensive experience in the development and implementation of electrical systems. They take pride in helping you make the right plans for your system's exact needs, be it the installation of a Genverter© or generator or more comprehensive and complex systems. We design a fit-for purpose system with optimum efficiency. This hard and fast rule also applies if you are combining a generator system with, for example, an inverter, battery charger or solar or wind power.

Global Sales and Distribution network

The ever-growing WhisperPower network of dealers and distributors can be found all over the world. Our international brand is locally represented by sales and distribution partners and importers. Specialists in their field, well-trained across the product range and professional, they are on hand and happy to assist for mobile, maritime and domestic applications.

Commissioning and System set up

Once delivered, WhisperPower's technical team also takes care of the installation and commissioning of the generator system where possible, in some countries - including the Benelux region - this service is included. You can, therefore, rest assured that your system is installed according to the appropriate guidelines and terms and conditions. For more information on the terms and conditions, please contact us.

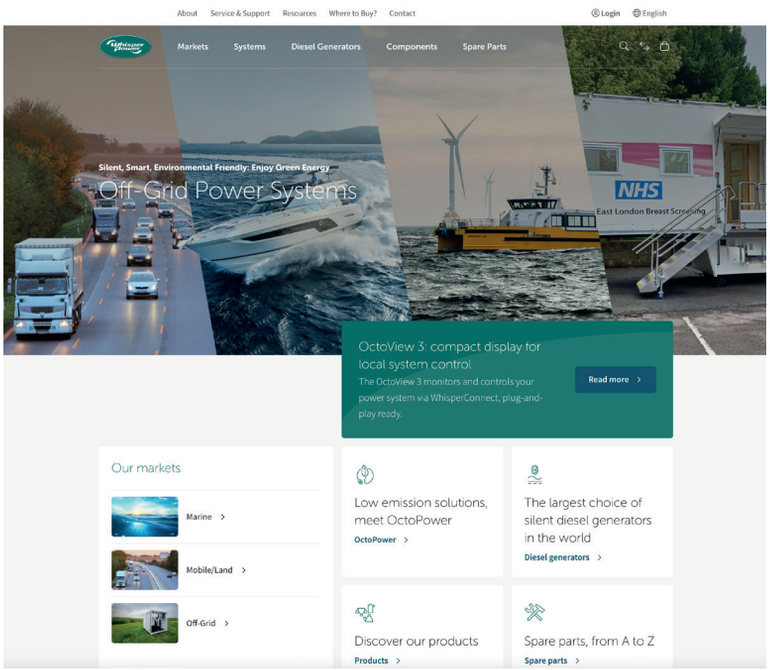


Service & Support

In case of malfunction or repair, our technical representatives from our global network will provide you with service and technical support for repairs or malfunctions. Where possible, support and service work will be carried out on-site. This applies worldwide.

Regular training: up-to-date expertise

Knowledge and expertise form the foundation for the best possible service. Every WhisperPower technical sales partner has up-to-date knowledge and the benefit of our global experience. Regular training courses ensure our specialists stay abreast of and well informed about all of our products, both in terms of systems and applications.
You can, therefore, be certain that WhisperPower offers far more than a box with a device: we offer you our expertise as standard.



Minimal downtime during repairs

We have mobile service partners active in every conceivable region. To keep downtime to a minimum, troubleshooting and repair work are carried out on-site. If needed, we will supply a replacement system to ensure continuous operation is maintained.

Up-to-date product specifications

Detailed specifications of the WhisperPower products can be found on our website and throughout this brochure and other printed product information. As we continuously strive to improve our products, specifications can be subject to change without prior notice.

The WhisperPower Warranty Plan

When purchasing our products and systems, you always have the certainty of a dedicated WhisperPower Warranty Plan. 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 Warranty Plan are specific to the product and the use thereof in your system. The standard warranty term for equipment is two years. With an authorized 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 70 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.

Marine • Mobile • Land | **www.whisperpower.com**

(English/ German/Spanish/French/Italian/Dutch)

Available documentation





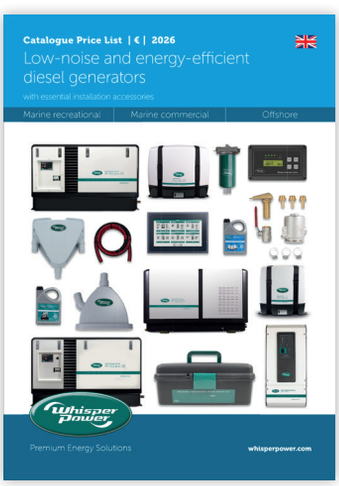






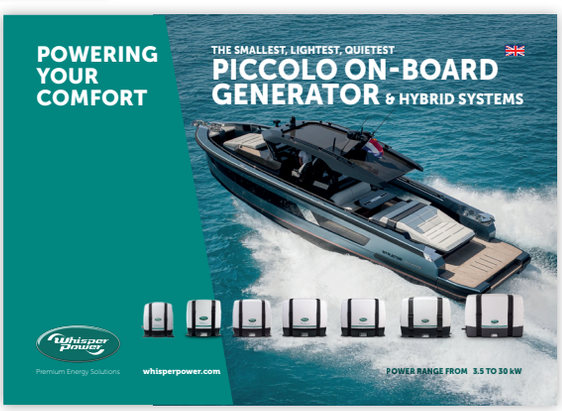






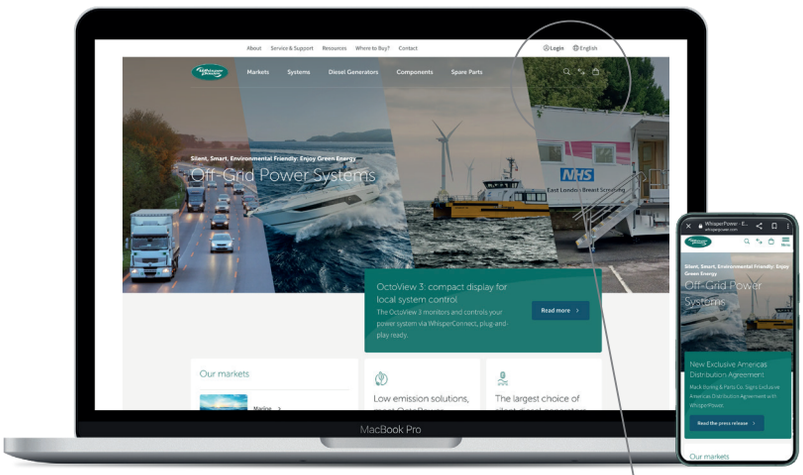


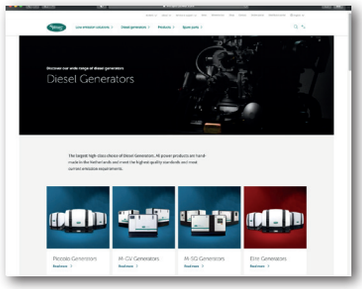


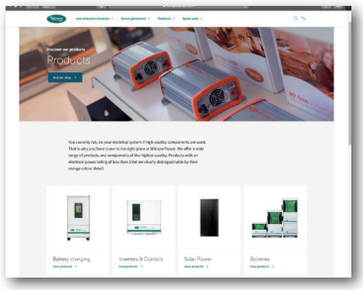


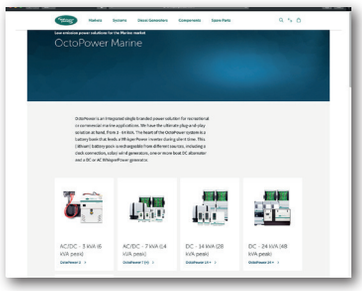
(English/ German/Spanish/French/Italian/Dutch)

Visit our website(s)











At WhisperPower we don't only think about the comfort in your vehicle, or vessel. We also want you to be able to enjoy browsing our website(s) in your own language.
Visit whisperpower.com and choose the language of your preference for an optimal experience of our online services.

Staff and dealers

Corporate Wear

Polo shirts, caps, jackets and more can be purchased by our distributors. For more information send us an email to sales@whisperpower.com





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

Distribution in over 70 countries



Distribution / sales by

Premium Energy Solutions

sales@whisperpower.com

whisperpower.com