Diesel generators | 1500/1800 rpm

Classic series

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 While the high rpm 3000/3600 generators have been replaced by the quiet and compact Genverter series, our 1500/1800 fixed rpm range has undergone a major upgrade.

The WhisperPower SQ Pro range is the solution for applications where a constant level of high quality, non-stop electrical power is required. Available from 10 kVA to 50 kVA, for single and three-phase output, complete with or without sound quard, inclusive advanced control panels and all necessary installation parts to ensure a durable installation.



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

Features

- · Water cooling by radiator
- DDC controls as standard *)
- · All connections pre-mounted
- Plug-and-play installation
- Industrial power quality
- · Parallel connection optional
- · Ungrounded version optional

Benefits

- · Highest quality standards
- · Home design
- · Manufactured in Holland
- · Various options flexibility
- World wide distribution and support
- One-stop-shop
- All installations parts from one address.



DDC Remote

DDC Remote panel as used in the past for our standard versions, still standard supply of our non-Pro and Pro versions

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



From DDC to **Deep Sea Controls**

Important feature of our new 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 for the non-Pro versions.



WhisperCare (optional)

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

Optimal Sound Reduction

Top Cool

See page 34/35 to learn

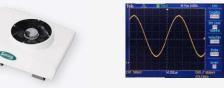
more about our various

radiator cooling systems.

Professional, high class, effective sound shield with easy access to all sides of the generator.

All models of the SQ range come standard with a robust sound guard with corrosion proof metal plating and heavy insulation material for optimal sound reduction.

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



Perfect sinewave

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

Service side

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

STAGE

certified





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.

SPEED 1500/1800 RPM

Technical Specifications W-SQ Pro Series















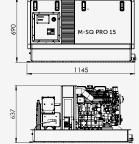
FIXED

Medical									
March 1967		W-SQ ¹ PRO 15 1-PHASE	W-SQ ³ PRO 15 3-PHASE	W-SQ ¹ PRO 15 1-PHASE	W-SQ3 PRO 15 3-PHASE	W-SQ ¹ PRO 18 1-PHASE	W-SQ3 PRO 18 3-PHASE	W-SQ ¹ PRO 18 1-PHASE	W-SQ ³ PRO 18 3-PHASE
Section Sect	Art. No.	41207020-STV (DDC)	41207320-STV (DDC)	41207020 (DDC)	41207320 (DDC)	41208120-STV (DDC)	41208320-STV (DDC)	41208120 (DDC)	41208320 (DDC)
remember with WFOCPT WITH STATES AND STATES		41207020-STV-DSE (Deep Sea)	41207320-STV-DSE (Deep Sea)	41207020-DSE (Deep Sea)	41207320-DSE (Deep Sea)	41208120-STV-DSE (Deep Sea)	41208320-STV-DSE (Deep Sea)	41208120-DSE (Deep Sea)	41208320-DSE (Deep Sea)
Seminangeneriewark 2007.00 15.00	MAIN SPECIFICATIONS								
Selection of Selection (1967) (1974)	ntermittent Power kW at 25°C (77°F)	12 kW	12 kW	12.5 kW	12.5 kW	14.5 kW	14.5 kW	16.5 kW	16.5 kW
Second S	Continuous power kVA at 25°C (77°F)	13.75 kVA	13.75 kVA	15 kVA	15 kVA	17.5 kVA	17.5 kVA	18.0 kVA	18.0 kVA
Part pages Solugin All Solugin	Continuous power kW at 25°C (77°F)	11 kW	11 kW	12 kW	12 kW	14 kW	14 kW	16 kW	16 kW
Complex (Sommal and controlled (Sommal and C	Noise level	55dB	55dB	55dB	55dB	55dB	55dB	55dB	55dB
Abornal Administration (All productional or Mill Contentration (All productional or Mill p	RPM range	1500rpm	1500rpm	1500rpm	1500rpm	1500rpm	1500rpm	1500rpm	1500rpm
Noningionality florenamy 2004-05-10-16 4000/05-05-10-16 40000/05-05-10-16 40000/05-05-10-16 40000/05-0	Cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling
Polyson 2 of 1 Q0 5 Q0 5 Q0 5 Q0 7	Alternator Voltage Regulation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation	AVR, forced ventilation
Manusclandstandstandstandstandstandstandstandst	Nominal voltage / frequency	230 VAC - 50 Hz	400/230 VAC - 50 Hz	230 VAC - 50/60 Hz	400/230 VAC - 50/60 Hz	230 VAC - 50 Hz	400 /230 VAC - 50 Hz	230 VAC - 50 Hz	400/230 VAC - 50 Hz
Second	Peak power 2 s	200 %	200 %	200 %	200 %	200 %	200 %	200 %	200 %
Page	Harmonic distortion	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %
Type Missper Power Rubots V1505 BG Missper Power Rubots V1505 BG Missper Power Rubots V1205	Frequency tolerance	± 5 %	± 5 %	± 5 %	±5%	± 5 %	±5%	± 5 %	± 5 %
Cylinder quantity 4 4 4 4 4 4 4 4 4 4 5 10 5 10 15	DIESEL ENGINE SPECIFICATIONS								
	Туре	WhisperPower Kubota V1505 BC	WhisperPower Kubota V1505 BC	WhisperPower Kubota V1505 BC	WhisperPower Kubota V1505 BG	WhisperPower Kubota V2203 M B	G WhisperPower Kubota V2203 M BG	WhisperPower Kubota V2203 M BG	WhisperPower Kubota V2203 M
Bos. mm (in) 80 (80 /m) 87 (41 /m) 87 (43 /m) 87 (4	Cylinder, quantity	4	4	4	4	4	4	4	4
Stroke, mm (n) 78 4 5 (9) 78 4 5 (30)	Displacement, L (cu. In.)	1.5 (91.5)	1.5 (91.5)	1.5 (91.5)	1.5 (91.5)	2.197 (134)	2.197 (134)	2.197 (134)	2.197 (134)
Compression ratio 23 0 23 0 23 0 23 0 20 0 <td>Bore, mm (in.)</td> <td>78.0 (3.07)</td> <td>78.0 (3.07)</td> <td>78.0 (3.07)</td> <td>78.0 (3.07)</td> <td>87 (3,4)</td> <td>87 (3,4)</td> <td>87 (3,4)</td> <td>87 (3,4)</td>	Bore, mm (in.)	78.0 (3.07)	78.0 (3.07)	78.0 (3.07)	78.0 (3.07)	87 (3,4)	87 (3,4)	87 (3,4)	87 (3,4)
Combission system Di Di Di Di Di Di Di D	Stroke, mm (in.)	78.4 (3.09)	78.4 (3.09)	78.4 (3.09)	78.4 (3.09)	92,4 (3,6)	92,4 (3,6)	92,4 (3,6)	92,4 (3,6)
Neminals profession of 150 150 150 150 150 150 150 150 150 150	Compression ratio	23.0	23.0	23.0	23.0	22.0	22.0	22.0	22.0
Net Communus power at rate drym, Wilfle 20 (164)	Combustion system	IDI	IDI	IDI	IDI	IDI	IDI	IDI	IDI
Gowernor, type Mechanical (#-5%) #************************************	Nominal speed, rpm	1500	1500	1500	1500	1500	1500	1500	1500
Angular operation continuous 200 200 200 200 200 200 200 200 200 20	Net Continuous power at rated rpm, kW (HP)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)	12.0 (16.4)
DIMENSIONS & WEIGHT Length x width x height (cabinet) 145 x 625 x 690 mm 1220 x 719 x 754 mm </td <td>Governor, type</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+-5%)</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+/-5%)</td> <td>Mechanical (+-5%)</td>	Governor, type	Mechanical (+/-5%)	Mechanical (+/-5%)	Mechanical (+/-5%)	Mechanical (+/-5%)	Mechanical (+-5%)	Mechanical (+/-5%)	Mechanical (+/-5%)	Mechanical (+-5%)
Length x width x height (cabinet) 145 x 625 x 690 mm 120 x 719 x 754 mm	Angular operation continuous	200	200	200	200	200	200	200	200
Dry weight 410 kg 410 k	DIMENSIONS & WEIGHT								
De vehaust Ø15 inch BSP Ø15 inc	Length x width x height (cabinet)	1145 x 625 x 690 mm	1145 x 625 x 690 mm	1145 x 625 x 690 mm	1145 x 625 x 690 mm	1220 x 719 x 754 mm	1220 x 719 x 754 mm	1220 × 719 × 754 mm	1220 x 719 x 754 mm
Wix. operating angle 25° in all directions 2	Dry weight	410 kg	410 kg	410 kg	410 kg	495 kg	495 kg	495 kg	495 kg
CONTROL PANEL Standard DDC or Deep Sea controllier DDC or	Dry exhaust	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP	Ø 1.5 inch BSP
Standard DDC or Deep Sea controller DDC or Deep	Max. operating angle	25º in all directions	25° in all directions	25º in all directions	25º in all directions	25º in all directions	25º in all directions	25º in all directions	25º in all directions
Optional Touch panel 7* Touch panel	CONTROL PANEL								
Ungrounded	Standard	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller	DDC or Deep Sea controller
Keel cooling Keel	Optional	Touch panel 7"	Touch panel 7"	Touch panel 7"	Touch panel 7"	Touch panel 7"	Touch panel 7"	Touch panel 7"	Touch panel 7"
Crankcase heating Crankcase he		Ungrounded	Ungrounded	Ungrounded	Ungrounded	Ungrounded	Ungrounded	Ungrounded	Ungrounded
		Keel cooling	Keel cooling	Keel cooling	Keel cooling	Keel cooling	Keel cooling	Keel cooling	Keel cooling
		Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating
			-	60 Hz		-	-		

Installation Dimensions

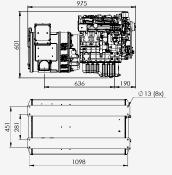


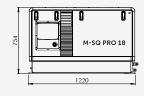


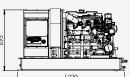






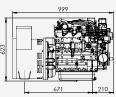


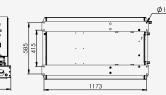












Technical Specifications

W-SQ Pro Series







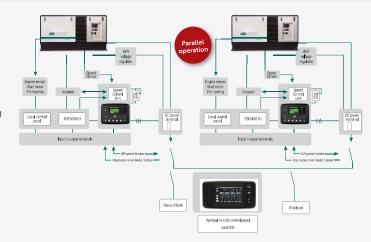




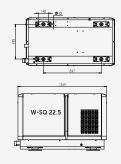
	W-SQ ¹ 22.5 1-PHASE	W-SQ ³ 22.5 3-PHASE	W-SQ1 PRO 27 1-PHASE	W-SQ3 PRO 27 3-PHASE	W-SQ ³ PRO 32 3-PHASE	
Art. No.	41101220 230 VAC / 50 Hz - 22.5 kVA	41131220 230 VAC - 400 V / 50 Hz - 22.5 kVA	41202020 230 VAC / 50 Hz - 27 kVA	41201320 230 VAC / 50 Hz - 27 kVA	41201420 230 VAC - 400 V / 50 Hz - 32 kV	
	41101225 120 VAC-240 V / 60 Hz - 25 kVA					
MAIN SPECIFICATIONS						
Intermittent Power kW at 25°C (77°F)	22 kW	22 kW	25 kW	25 kW	27 kW	
Continuous power kVA at 25°C (77°F)	22.5 kVA	22.5 kVA	27 kVA	27 kVA	32 kVA	
Continuous power kW at 25°C (77°F)	20 kW	20 kW	22.5 kW	25 kW	27 kW	
Noise level	58dB	58dB	58dB	58dB	58dB	
Rpm range	1500/1800 rpm	1500/1800 rpm	1500/1800 rpm	1500/1800 rpm	1500/1800 rpm	
Cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	External radiator cooling	
Alternator Voltage Regulation	AVR, forced ventilation	AVR, forced ventilation + EBS	AVR, forced ventilation + EBS	AVR, forced ventilation + EBS	AVR, forced ventilation + EBS	
Nominal voltage / frequency	230 VAC / 50 Hz	230 VAC / 50 Hz - 3x 400 VAC	230 VAC / 50 Hz	230 VAC / 50 Hz - 3x 400 VAC	230 VAC / 50 Hz - 3x 400 VAC	
Peak power 2 s	200 %	300 %	300 %	300 %	300 %	
Harmonic distortion	< 3 %	< 3 %	< 3 %	< 3 %	< 2 %	
Frequency tolerance	± 5 %	± 5 %	± 5 %	± 5 %	± 5 %	
IESEL ENGINE SPECIFICATIONS						
Engine	WhisperPower Mitsubishi S4S - 4 cylinder	WhisperPower Mitsubishi S4S - 4 cylinder	WhisperPower Mitsubishi S4S - 4 cylinder	WhisperPower Mitsubishi S4S - 4 cylinder	WhisperPower Mitsubishi S4S - 4 cylinder	
Cylinder volume	3331 cc	3331 cc	3331 cc	3331 cc	3331 cc	
Bore & stroke	94 × 120 mm	94 × 120 mm	94 × 120 mm	94 × 120 mm	94 × 120 mm	
Air consumption	2.8 m³/min	2.8 m³/min	2.8 m³/min	2.8 m³/min	2.8 m ³ /min	
Cooling system	Indirect	Indirect	Indirect	Indirect	Indirect	
Fuel consumption (no load - full load)	1-6 l/hr	1-6 l/hr	1-6 l/hr	1-6 l/hr	1-6 l/hr	
Starter battery charge current	12 V / 40 A	12 V / 40 A	12 V / 40 A	12 V / 40 A	12 V / 40 A	
IMENSIONS & WEIGHT						
Length x width x height (cabinet)	1260 x 680 x 800 mm	1260 x 680 x 800 mm	1555 x 749 x 805 mm	1555 x 749 x 805 mm	1555 x 749 x 805 mm	
Dry weight	580 kg	580 kg	640 kg	640 kg	640 kg	
Dry exhaust / wet exhaust	Ø 2 inch BSP / Ø 63 mm	Ø 2 inch BSP / Ø 63 mm	Ø 2 inch BSP / Ø 63 mm	Ø 2 inch BSP / Ø 63 mm	Ø 2 inch BSP / Ø 63 mm	
Oil dipstick	Top & side	Top & side	Top 8 side	Top 8 side	Top & side	
Max. operating angle	25° in all directions	25° in all directions	25° in all directions	25º in all directions	25° in all directions	
ONTROL PANEL						
Standard	DDC	DDC	DDC	DDC	Deep Sea controller	
Optional	Touch panel 7*	Touch panel 7"				
	Ungrounded	Ungrounded	Ungrounded	Ungrounded	Ungrounded	
	Keel cooling	Keel cooling	Keel cooling	Keel cooling	Keel cooling	
	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating	
	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	

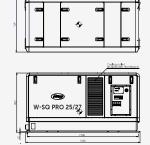
Parallel operation optional

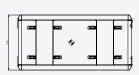
We can prepare our SQ Pro generators – both for mobile/land applications for parallel operation. In many situations large generators operate half load or less during extended periods which causes malfunction of the generator. WhisperPower's parallel solution is a smart choice, reducing maintenance and fuel costs considerable.

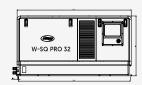


Installation Dimensions









Super Quiet Pro | Fixed speed, 50 dBA W-SQ Pro 40 CR

Every W-SQ (Super Quiet) Pro 40 WhisperPower diesel generator is designed for non-stop, 1500 rpm operation under harsh circumstances. They are robust, silent, compact and extremely reliable. All W-SQ Pro 40 generators are made in the Netherlands and severely tested in one of the most advanced generator production facilities in the world, before distributed on a world-wide base by dedicated, service orientated, distribution partners.



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 an important theme. For the German market, WhisperPower developed a super-quiet 40 kVA mobile generator that had to meet a noise standard of 50 dBA. That has worked brilliantly. By using lightweight aluminium elements for the composition of the sound box, the total weight has remained under 875 kg. This includes the exhaust After Treatment system containing a Diesel Oxidation Catalyst (DOC) and a DPF (Diesel Particle Filter).

Minimal restrictions in the public space one of the many applications of the new W-SQ Pro 40 Stage V generators is the film television.

Kubota V3800-CR-TE5BG 2 certificates

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

Engine Features

- Diesel fueled
- Four cylinder
- Four stroke
- · Closed cooling system
- · Double Top Cool cooling system
- Electric fuel lift pump
- · Forklift insertion sleeves
- Emergency stop
- · External emergency stop (optional)
- · Noise level dBa 1m (7m) 68 (53)
- · Low oil pressure shutdown
- · High engine temperature shutdown
- · Low vibration shock mounts
- · Disposable oil filter
- · Oil drain pump (optional)
- · Disposable water/ fuel filter



W-SO' PRO 40 3-PHASE				
MAIN SPECIFICATIONS Intermittent Power kW at 25°C (77°F) 40 kW Continuous power kW at 25°C (77°F) 40 kWA Continuous power kW at 25°C (77°F) 35 kW Noise level 58dB Rom range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 % Frequency tolerance ± 5 % DISSEL BRGINE SPECIFICATIONS Engine Perkins-Sabre 4.4 GM - 4 cylinder Cylinder volume 4400 cc Bore 6 stroke 105 x 127 rm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption fno load - full load) 110 Uhr Starter battery charge current 12 V / 60 A DIMENSIONS & WEIGHT 12 V / 60 A DIMENSIONS & WEIGHT 1000 kg Length x width x help k(cabinet) 1658 x 837 x 986 mm Dry weight k 1000 kg <th></th> <th colspan="3" rowspan="2"></th>				
Intermittent Power kW at 25°C (77°F) 40 kW Continuous power kW at 25°C (77°F) 35 kW Noise level 58dB Rm range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 % Frequency tolerance ± 5 % DIESEL ENGINE SPECIFICATIONS Engine Perkins-Sabre 4.4 GM - 4 cylinder Cylinder volume 4400 cc Bore 6 stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - full load) 1-10 l/hr Starter battery charge current 12 V / 60 A DIMENSIONS 9 WEIGHT DIMENSIONS 9 WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1.000 kg Dry weight wet exhaust Ø 2 inch BSP / Ø 76 mm Oli dipstick 7 p9 6 ide Max. operating angle <	Art. No.			
Continuous power kWa at 25°C (77°F) 40 kWA Continuous power kW at 25°C (77°F) 35 kW Noise level 58dB Rom range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage f frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	MAIN SPECIFICATIONS			
Continuous power kW at 25°C (77°F) 35 kW Noise level 58dB Rem range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3.%	Intermittent Power kW at 25°C (77°F)	40 kW		
Noise level 58dB Rom range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventitation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	Continuous power kVA at 25°C (77°F)	40 kVA		
Rom range 1500 rpm Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	Continuous power kW at 25°C (77°F)	35 kW		
Cooling External radiator cooling Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	Noise level	58dB		
Alternator Voltage Regulation AVR, forced ventilation Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	Rpm range	1500 rpm		
Nominal voltage / frequency 230 VAC / 50 Hz - 3x 400 VAC Peak power 2 s 300 % Harmonic distortion < 3 %	Cooling	External radiator cooling		
Peak power 2 s 300 % Harmonic distortion < 3 %	Alternator Voltage Regulation	AVR, forced ventilation		
Harmonic distortion < 3 %	Nominal voltage / frequency	230 VAC / 50 Hz - 3x 400 VAC		
Frequency tolerance ± 5 % DISSE_ENGINE SPECIFICATIONS Engine Perkins-Sabre 4.4 GM - 4 cylinder Cylinder volume 4400 cc Bore 6 stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - fult load) 1-10 Uhr Starter battery charge current 12 V / 60 A DIMENSIONS & WEIGHT Length x width x height (cabinet) Length x width x height (cabinet) 1658 x 837 x 986 mm Dry exhaust / wet exhaust 2 inch 85P / Ø 76 mm Oli dipstick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reet cooling Crankcase hearing	Peak power 2 s	300 %		
DIESEL ENGINE SPECIFICATIONS Engine Perkins-Sabre 4.4 GM - 4 cylinder Cylinder volume 4400 cc Bore 6 stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - full load) 1-10 l/br Starter battery charge current 12 V / 60 A DIMENSIONS & WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1,000 kg Dry weight 1,000 kg Dry exhaust / wet exhaust Ø 2 inch BSP / Ø 76 mm Oll digstick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reel cooling Crankcase heating	Harmonic distortion	< 3 %		
Engine Perkins-Sabre 4.4 GM - 4 cylinder Cylinder volume 4400 cc Bore 6 stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - full load) 1-10 l/hr Starter battery charge current 12 V / 60 A DMENSIONS 6 WEIGHT The stroke of the strok	Frequency tolerance	± 5 %		
Cylinder volume 4400 cc Bore & Stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - full load) 1-10 l/hr Starter battery charge current 12 V / 60 A DIMENSIONS 6 WEIGHT VIII STAND A Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1,000 kg Dry weight 1,000 kg Dry weight 20 inch BSP / Ø 76 mm Oll dipstick Top θ side Max. operating angle 25° in all directions CONTROL PANEL Standard Controller Reet cooling Crankcase hearing Crankcase hearing	DIESEL ENGINE SPECIFICATIONS			
Bore € stroke 105 x 127 mm Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - fult load) 1-10 Vhr Starter battery charge current 12 V / 60 A DIMENSIONS & WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1.000 kg Dry weight 1.000 kg Old dipstick 70 p 9 side Max. operating angle 25° in all directions CONTROL PANEL Deep Sea Controller Optional Reet cooling Grankcase heating	Engine	Perkins-Sabre 4.4 GM - 4 cylinder		
Air consumption 3.6 m3/min Cooling system Indirect Fuel consumption (no load - full load) 1-10 l/hr Starter battery charge current 12 V / 60 A DIMENSIONS & WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1000 kg Dry exhaust / wet exhaust Ø 2 inch BSP / Ø 76 mm Old lightick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Optional Reel cooling Crankcase hearing	Cylinder volume	4400 cc		
Cooling system Indirect Fuel consumption (no load – full load) 1-10 I/hr Starter battery charge current 12 V / 60 A DIMENSIONS 6 WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 10,00 kg Dry exhaust / wet exhaust 0 2 inch BSP / 076 mm Oll dipstick 170 p 6 ide Aux. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reel cooling Crankcase heating	Bore & stroke	105 x 127 mm		
Fuel consumption (no load - full load) 1-10 I/hr Starter battery charge current 12 V / 60 A DIMENSIONS 9 WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm 1000 kg Dry exhaust / wet exhaust 02 inch BSP / Ø 76 mm Oil dipstick Top 9 side Axx. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reet cooling Grankcase heating	Air consumption	3.6 m3/min		
Starter battery charge current 12 V / 60 A DIMENSIONS 8 WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1,000 kg Dry exhaust / wet exhaust 2 / 2 inch 85P / Ø 76 mm Oil dipstick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reet cooling Crankcase heating	Cooling system	Indirect		
DIMENSION'S & WEIGHT Length x width x height (cabinet) 1658 x 837 x 986 mm Dry weight 1,000 kg Dry exhaust / wet exhaust Ø 2 inch BSP / Ø 76 mm Oil dipstick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reet cooling Crankcase heating	Fuel consumption (no load - full load)	1-10 l/hr		
Length x width x height (cabinet) Dry weight 1000 kg Dry exhaust / wet exhaust Ø 2 inch BSP / Ø 76 mm Oil dipstick Top Ø side Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reel cooling Crankcase heating	Starter battery charge current	12 V / 60 A		
Dry weight 1000 kg Dry exhaust / wet exhaust Ø 2 inch BSP / Ø 76 mm Oil dipstick Top 9 side Max. operating angle 25° in all directions CONTROL PANEL Standard Optional Reet cooling Grankcase heating	DIMENSIONS & WEIGHT			
Dry exhaust / wet exhaust	Length \times width \times height (cabinet)	1658 x 837 x 986 mm		
Oil dipstick Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reel cooling Crankcase heating	Dry weight	1.000 kg		
Max. operating angle 25° in all directions CONTROL PANEL Standard Deep Sea Controller Optional Reel cooling Crankcase heating	Dry exhaust / wet exhaust	Ø 2 inch BSP / Ø 76 mm		
CONTROL PANEL Standard Deep Sea Controller Optional Keel cooling Crankcase heating	Oil dipstick	Top 8 side		
Standard Deep Sea Controller Optional Keel cooling Crankcase heating	Max. operating angle	25° in all directions		
Optional Keel cooling Crankcase heating	CONTROL PANEL			
Reel Cooling Crankcase heating	Standard	Deep Sea Controller		
	Optional	Crankcase heating		

INCLUDED



Deep Sea Control

- · Robust digital sensor readout
- · Full analogue sensor readout
- Full monitoring of conventional generators Easy to integrate in PLC with Modbus, CAN or Ethernet
- · Possibility for load sharing and synchronization . Optional auto start and switch over on mains
- · Remote communications (RS232, RS485 x2,
- Ethernet) · Provides secure and simple off site monitoring
- · 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. German, English, French, Italian, Dutch and Spanish.



Top Cool roof cooling system (optional)

- Dimensions: W 1418 x L 584 x D 255 mm
- · Radiators and expansion tank pre-installed. Plug and play, only cooling hoses (4) in/out and 230 VAC to be connected

Installation Dimensions

