

WhisperPower Book #1

Supersilenced Marine Generators

Commercial Marine



Recreational Marine



Offshore



Enjoy Green Energy

whisperpower.com

The certainty of non-stop onboard power

Anywhere, any time,
under the most challenging conditions



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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 supersilent generators that comply with the most stringent 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 it's class, offering super silent non-stop power to all on board single or three phase appliance .



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 stringer. 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 are assured of a well-functioning system with no weak links.

Hybryde 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.

Diagnostics (WhisperCare)

The integration of these various technical systems in to the WhisperPower monitoring and control system enables streamlined and efficient monitoring with one panel. WhisperCare enables remote login to the WhisperPower system with smart phone, tablet or PC over a WiFi/ router package with SIM card, available as an option for a WhisperPower system.

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.



International

Benelux

Germany

United Kingdom

Spain & Portugal

China

Pacific

Americas



whisperpower.com/where-to-buy





Super Compact & Low Weight

From 4.4-18 (Twin 12-36) 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

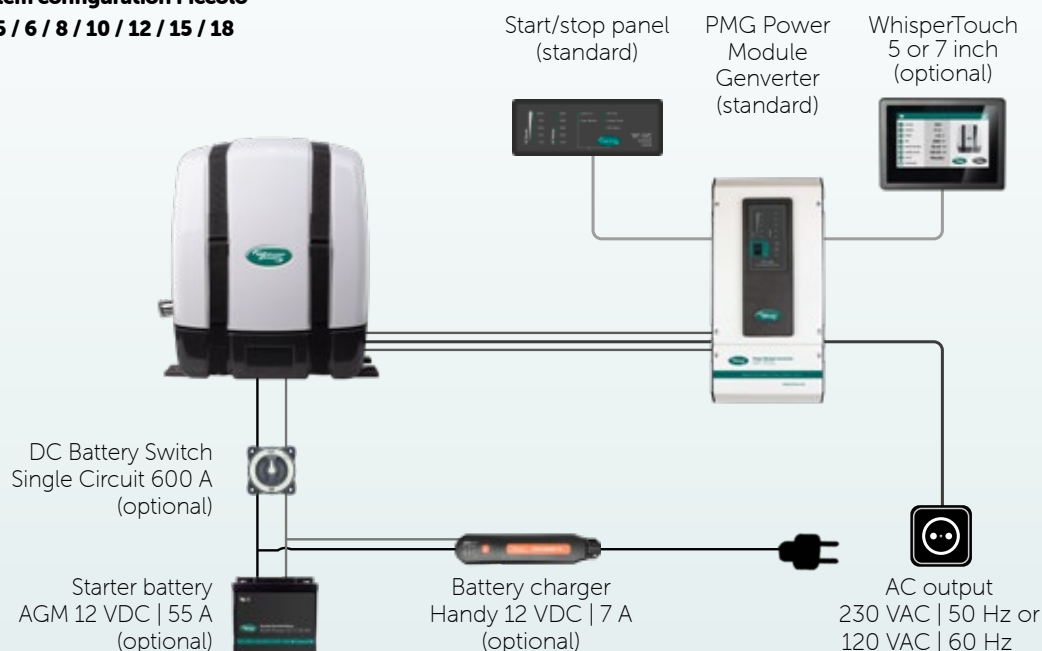


System Configuration

Key Components

ADJUSTABLE
SPEED

System configuration Piccolo 4 / 5 / 6 / 8 / 10 / 12 / 15 / 18



Genverter

Essential accessories



All Piccolo models are delivered as standard with a comprehensive start/stop remote control panel and 6 meters of connection cable with telejack connectors. 5, 7 or 10 inch WhisperTouch panels are optional.

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

Starter battery installation kit < 100 Ah. Art. Nr. 40290106

General Overview Genverters

Piccolo Adjustable



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		PICCOLO 4	PICCOLO 5	PICCOLO 6	
Adjustable 120 VAC 60 Hz	→	49002055	-	49004055	
Adjustable 230 VAC 50 Hz	→	-	49003005	49004005	
Ungrounded 120 VAC 60 Hz	→	49002056	-	49004056	
Ungrounded 230 VAC 50 Hz	→	-	49003006	49004006	
Variable speed	→	49012055	49013005		
Variable speed / Ungrounded	→	49012056	49013006		
MAIN SPECIFICATIONS		120 VAC 60 Hz	230 VAC 50 Hz	230 VAC 50 Hz	120 VAC 60 Hz
Intermittent Power kW at 25°C (77°F)		3.5 kW	3.5 kW	6 kW	
Continuous Power kVA at 25°C (77°F)		3.5 kVA	4.4 kVA	6 kVA	
Continuous Power kW at 25°C (77°F)		3 kW	3 kW	5.5 kW	
Noise level		54 dB(A) at 7 m, 65 dB(A) at 1 m	54 dB(A) at 7 m, 65 dB(A) at 1 m	51 dB(A) at 7 m, 60 dB(A) at 1 m	
RPM range		2800 - 3600 rpm, adjustable	2800 - 3600 rpm, adjustable or automatic	2400 - 3000 rpm, adjustable	
Alternator technology		Permanent Magnet	Permanent Magnet	Permanent Magnet	
Generator cooling		Air cooled	Air cooled	Air cooled	
Generator control		PMG	PMG	PMG	
Control Panel		PMG + PMG Remote	PMG + PMG Remote	PMG + PMG Remote	
Inverter Module PMG Frame		Frame 1	Frame 1	Frame 1	Frame 2
Phase/wire		1 phase, 3 wires	1 phase, 3 wires	1 phase, 3 wires	
Peak power 200 msec		200%	200%	200%	
Harmonic distortion		< 5%	< 5%	< 5%	
Frequency tolerance		± 0,1%	± 0,1%	± 0,1%	
DIESEL ENGINE SPECIFICATIONS					
Engine		WP1	WP1	Kubota Z482-E4B EPA + Stage V	
Displacement		309 cc 18.9 cu. In.	309 cc 18.9 cu. In.	479 cc 29.2 cu. In.	
Cylinders		1	1	2	
Bore & stroke	mm : In. :	78 × 67 3 × 2.6	78 × 67 3 × 2.6	67 × 68 2.6 × 2.7	
Compression ratio		21.1	21.1	23.5	
Air consumption	m ³ /min : ft ³ /min :	< 0.42 < 14.8	< 0.42 < 14.8	< 0.95 < 33.5	
Cooling system		Heat exchanger	Heat exchanger	Heat exchanger	
Fuel consumption (no load - full load)		0.8-1.2 l/hr	0.8-1.2 l/hr	275 g/kWh	
Starter battery charge method/ current		Handy charger 12 VDC 7A	Handy charger 12 VDC 7A	Handy charger 12 VDC 7A	
DIMENSIONS & WEIGHT					
Dimensions (cabinet)	mm : In. :	450 × 470 × 520 17.7 × 18.5 × 20.5	450 × 470 × 520 17.7 × 18.5 × 20.5	520 × 470 × 541 20.5 × 18.5 × 21.3	
Dry weight (cabinet)		68 kg 149.9 lb.	68 kg 149.9 lb.	145 kg 319.7 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		25° in all directions	25° in all directions	25° in all directions	
OPTIONAL					
		Touch panel 5"	Touch panel 5"	Touch panel 7"	
		Ungrounded	Ungrounded	Ungrounded	



	PICCOLO 8	PICCOLO 10	PICCOLO 12	PICCOLO 15	PICCOLO 18
	49005055	49009055	49006155	49007055	49008055
	49005005	49009005	49006005	49007005	49008005
	49005056	49009056	49006156	49007056	49008056
	49005006	49009006	49006006	49007006	49008006

	230 VAC 50 Hz	120 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	230 VAC 50 Hz	120/240 VAC 60 Hz
	6.4 kW	6 kW	8.5 kW		9.6 kW	10 kW	12.5 kW		15 kW	
	8 kVA	6 kVA	10 kVA		10 kVA	12 kVA	15 kVA		18 kVA	
	6 kW	6 kW	8 kW		9 kW	9.6 kW	12 kW		15kW	
	51 dB(A) at 7 m, 60 dB(A) at 1 m		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 - 2800 rpm, adjustable		2800 - 3300 rpm, adjustable		2200 - 3200 rpm, adjustable		2000 - 2600 rpm, adjustable	
	Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet	
	Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling	
	DDC		DDC		DDC		DDC		DDC	
	DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote	
	Frame 1	Frame 2	Frame 2	Frame 3	Frame 2	Frame 3	Frame 3		Frame 3	
	1 phase, 3 wires		1 phase, 3 wires	split phase, 4 wires	1 phase, 3 wires	split phase, 4 wires	3 phase, 3 wires	split phase, 4 wires	3 phase, 3 wires	split phase, 4 wires
	200%		200%		200%		200%		200%	
	< 3%		< 3%		< 3%		< 3%		< 3%	
	± 0.1%		± 0.1%		± 0.1%		± 0.1%		± 0.1%	
	Kubota Z482 EPA + Stage V		Kubota D722 EPA + Stage V		Kubota D722 EPA + Stage V		Kubota D1105 EPA + Stage V		Kubota V1505 EPA + Stage V	
	479 cc 29.2 cu. In.		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.	
	2		3		3		3		4	
	67 × 68 2.6 × 2.7		67 × 68 2.6 × 2.7		67 × 68 2.6 × 2.7		78 × 78.4 mm 3 × 3.1 In.		78 × 78.4 3 × 3.1	
	23.5		23.5		23.5		24.0		24.0	
	< 0.95 < 33.5		< 1.22 < 43.1		< 1.22 < 43.1		< 1.47 < 51.6		< 2.45 < 86.5	
	Heat exchanger		Heat exchanger		Heat exchanger		Heat exchanger		Heat exchanger	
	275 g/kWh		275 g/kWh		275 g/kWh		275 g/kWh		275 g/kWh	
	Alternator 12 VDC 12.5 A		Alternator 12 VDC 40 A		Alternator 12 VDC 40 A		Alternator 12 VDC 40 A		Alternator 12 VDC 40 A	
	660 × 550 × 622 26 × 21.7 × 24.5		740 × 550 × 620 29.1 × 21.7 × 24.4		740 × 550 × 620 29.1 × 21.7 × 24.4		880 × 570 × 690 34.6 × 22.4 × 27.2		990 × 560 × 705 39 × 22 × 27.8	
	154 kg 339.5 lb.		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		Ø 40 mm, wet Ø 1.6 In., wet	
	25° in all directions		25° in all directions		25° in all directions		25° in all directions		25° in all directions	
	2 nd start/stop panel, Touch panel 7"		2 nd start/stop panel, Touch panel 7"		2 nd start/stop panel, Touch panel 7"		2 nd start/stop panel, Touch panel 7"		2 nd start/stop panel, Touch panel 7"	
	Ungrounded		Ungrounded		Ungrounded		Ungrounded		Ungrounded	
	Keel Cooling		Keel Cooling		Keel Cooling		Keel Cooling		Keel Cooling	



Genverter® Piccolo 4/5 | 1 cylinder

The little power house

ADJUSTABLE
SPEED

The WhisperPower Genverter® Piccolo 4 & 5 are 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 4/5 Adjustable speed diesel generator

- 4.4 kVA / 3.5 kW at 3600 rpm
- 8 kVA, 36 A peak power
- 230 VAC | 50 Hz \pm 5% 50 Hz \pm 0.1%
- 117 VAC | 60 Hz \pm 5% 60 Hz \pm 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
- 4 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 (100-120 VAC | 50/60 Hz) devices
- Adjustable to 60 Hz, without effecting rpm
- Available with complete Touch screen power management & monitoring
- WhisperConnect bus connectivity to most navigation brands

From Glenn Doncaster, Virginia, USA:

"After replacing two other generators in my previous boat, I'm delighted with the variable speed nature of the Piccolo 4 installed in my new Arcona 465 Carbon. Because it's been paired with a lithium battery system, I can constantly keep my air conditioning on and only start the generator when I need to charge. Weight is also significant since I use the boat for long-distance offshore racing."

"The Piccolo efficiently delivers 3.5 kW and only weighs 150 lbs. The noise and vibrations are minimal too. I'm very pleased all around."





Unique engine

The small Piccolo 4/5 models are fitted with a modern diesel 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 an 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. At picture an installation of a Piccolo 5 in a day cruiser.



AC Genverter

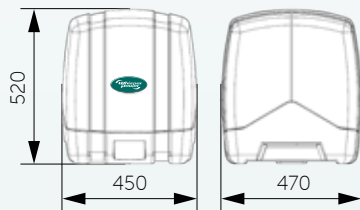
Piccolo 4 | 3.5 kVA
Piccolo 5 | 4.4 kVA



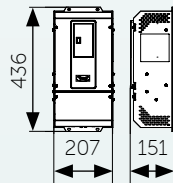
Available variations:

230 VAC | 4.4 kVA | 3.5 kW | 50 Hz
120 VAC | 3.5 kVA | 3.5 kW | 60 Hz

Dimensions Piccolo 4/5



PMG included (Frame 1)



Genverter control included



		PICCOLO 4 120 VAC 60 Hz	PICCOLO 5 230 VAC 50 Hz
Adjustable speed	→	49002055	49003005
Ungrounded	→	49002056	49003006
Variable speed	→	49012055	49013005
Variable speed/ Ungrounded	→	49012056	49013006

MAIN SPECIFICATIONS

Intermittent Power kW at 25°C (77°F)	3.5 kW	3.5 kW
Continuous Power kVA at 25°C (77°F)	3.5 kVA	4.4 kVA
Continuous Power kW at 25°C (77°F)	3 kW	3 kW
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m	54 dB(A) at 7 m, 65 dB(A) at 1 m
RPM range	2800 - 3600 rpm, adjustable	2800 - 3600 rpm, adjustable or automatic
Alternator technology	Permanent Magnet	Permanent Magnet
Generator cooling	Air cooled	Air cooled
Generator control	PMG	PMG
Control Panel	PMG + PMG Remote	PMG + PMG Remote
Inverter Module	PMG Frame 1	PMG Frame 1
Nominal voltage/frequency	120 VAC 60 Hz	230 VAC 50 Hz
Phase/wire	1 Phase, 3 wires	1 Phase, 3 wires
Peak power 2 s	200%	200%
Harmonic distortion	< 5%	< 5%
Frequency tolerance	± 0,1%	± 0,1%

DIESEL ENGINE SPECIFICATIONS

Engine	WP1	WP1
Displacement	309 cc / 18.9 cu. In.	309 cc / 18.9 cu. In.
Cylinders	1	1
Bore & stroke	78 x 67 mm 3.1 x 2.6 In.	78 x 67 mm 3.1 x 2.6 In.
Compression ratio	21.1	21.1
Air consumption, m ³ /min/(ft ³ /min)	< 0.42 / (< 14.8)	< 0.42 / (< 14.8)
Cooling system	Heat exchanger	Heat exchanger
Fuel consumption (no load - full load)	0.8-1.2 l/hr	0.8-1.2 l/hr
Starter battery charge method/ current	Handy charger 12 VDC 7 A	Handy charger 12 VDC 7 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)	450 x 470 x 520 (17.7 x 18.5 x 20.5)
Dimensions PMG (W x D x H)	mm : In. :	207 x 151 x 436 8.1 x 5.9 x 17.2	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	68 + 7.6 149.9 + 16.8
Exhaust type		Ø 40 mm, wet Ø 1.6 In., wet	Ø 40 mm, wet Ø 1.6 In., wet
Max. operating angle		25° in all directions	25° in all directions

OPTIONAL

Optional 1	Touch panel	Touch panel
Optional 2	Ungrounded	Ungrounded



WhisperTouch 5"
Art. Nr. 40280105



Water inlet kit
12.5 mm (1/2")
Art. Nr. 40230201



Syphon breaker kit
12.5 mm (1/2")
Art. Nr. 40230272




Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281



Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 4/5

Article number	Definition
40280105	WhisperTouch 5" - Piccolo/Scalino Genverter operation *) 
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")
40230208	Base plate kit aluminium (W x D x H) 600 x 400 x 20 mm
40290060	Starter battery - AGM Power 12 VDC 55 Ah (will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A (recommended for temporary laying)
40230205	Universal fuel kit

*) WhisperTouch 5" is optional



Base plate kit aluminium
600 x 400 x 20 mm
Art. Nr. 40230208



Starter battery
AGM Power 12 VDC | 55 Ah
Art. Nr. 40290060



Starter battery installation kit
<100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290106



Universal fuel kit
Art. Nr. 40230205

EXTRA ACCESSORIES FOR PICCOLO 4/5

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



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244



A-kit maintenance parts
Art. Nr. 40401170



B-kit maintenance parts
Art. Nr. 40401171



Genverter® Piccolo Range | 2/3/4 cylinder

Little ones grow bigger

ADJUSTABLE
SPEED

Following the world wide success of the Piccolo 4/5, 1 cylinder Genverter variable speed generator, we have extended our Piccolo range to power ratings of 15 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 Hz 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 – 13 kW



Essential Remote Communication

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



Supplied as standard with DDC panel and DDC connection box



Optional TOUCH 5 or 7 control panel with extended information and remote access



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.

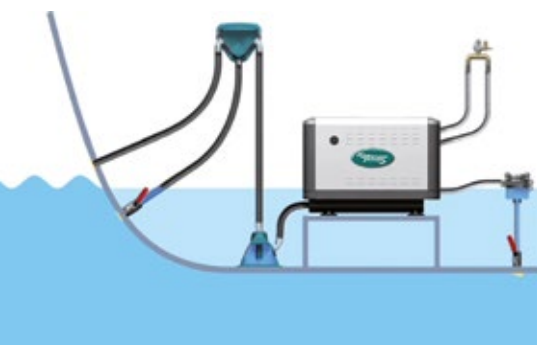


Piccolo 8



OctoPower system

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



Optimal sound and vibration control

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

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 clegs, a water inlet kit with strainer, a siphon breaker kit, a fuel filter, a starter battery kit etc.



AC Genverter Piccolo 6

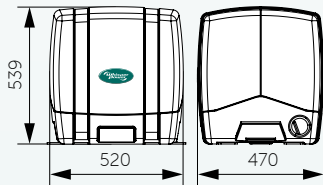


Available variations:

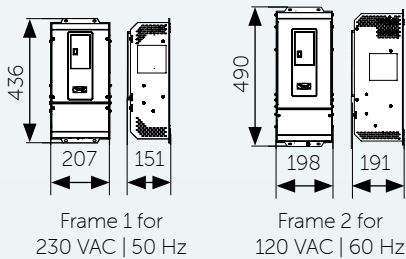
230 VAC | 6 kVA | 6 kW | 50 Hz

120 VAC | 6 kVA | 6 kW | 60 Hz

Dimensions Piccolo 6



PMG included (Frame 1 or 2)



Genverter control included



Available
from Q1
2024

Adjustable	120 VAC 60 Hz	Art. Nr. 49004055
Adjustable	230 VAC 50 Hz	Art. Nr. 49004005
Ungrounded	120 VAC 60 Hz	Art. Nr. 49004056
Ungrounded	230 VAC 50 Hz	Art. Nr. 49004006

PICCOLO 6

Genverter based on
Kubota Z482-E4B

6 kVA

System output	6 kVA / 6 kW
Peak power 200msec	200%
RPM range	2500 - 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 part kit, longer or shorter DDC cables
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ENGINE

Engine model	Kubota Z482-E4B
Emission Regulation	Tier 4, EPA
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 m³/min (< 33.5 ft³/min)
Fuel oil	Diesel fuel oil (ASTM No. 2-D)
Fuel consumption at full load	275 g/kWh
Engine cooling	Indirect water cooled (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	PMG only
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
Dimensions Cabinet	mm :	520 x 470 x 539	
(W x D x H)	in. :	20.5 x 18.5 x 21.3	
Dimensions PMG	mm :	207 x 151 x 436	198 x 191 x 490
(W x D x H)	in. :	8.1 x 5.9 x 17.2	7.8 x 7.5 x 19.3
Dry weight	kg :	145 + 7.6	145 + 9.9
(cabinet + PMG)	lb. :	319.7 + 16.8	319.7 + 21.8
Color		RAL9010 signal white, RAL9020 metallic black	



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

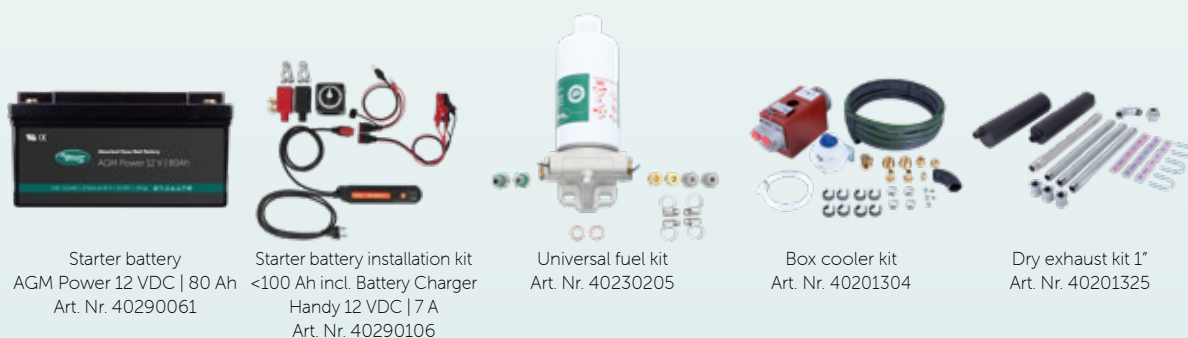
Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 6

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290061	Starter battery - AGM Power 12 VDC 80 Ah (will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

*) WhisperTouch Screen 7" Full color is optional and recommended.



Starter battery
AGM Power 12 VDC | 80 Ah
Art. Nr. 40290061

Starter battery installation kit
<100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290106

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 6

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401771	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214

A-kit maintenance parts
Art. Nr. 40401770

B-kit maintenance parts
Art. Nr. 40401771



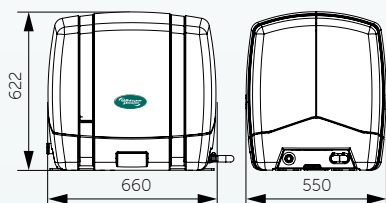
AC Genverter Piccolo 8



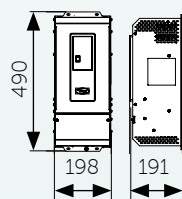
Available variations:

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

Dimensions Piccolo 8



PMG included (Frame 2)



Frame 2 for
120 VAC | 60 Hz

DDC remote control panel



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

6 kVA/8 kVA

PICCOLO 8

Genverter based on Kubota Z482

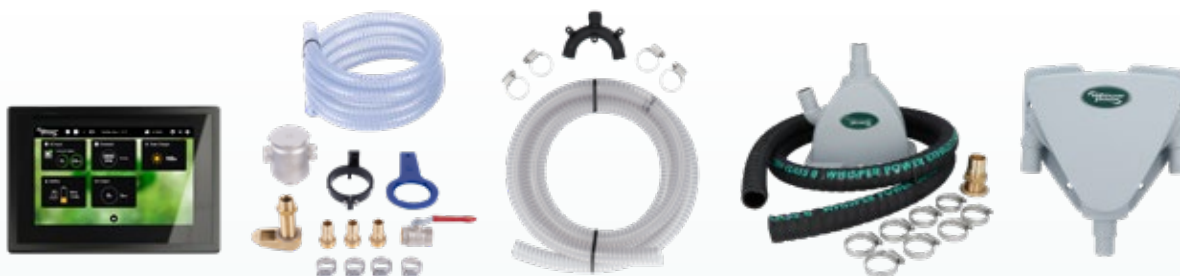
	230 VAC 50 Hz	120 VAC 60 Hz
System output	8 kVA / 6.4 kW	6 kVA / 6 kW
Peak power 200msec	200%	
RPM range	2400 - 2800 rpm	
Low rpm setpoint	1800 rpm	
Max rpm setpoint	3200 rpm	
Typical rpm	2400 - 2600 rpm	
Noise level	51 dB(A) at 7 m 60 dB(A) at 1 m	
Cooling	Intercooling	
Exhaust	Wet type, 40 mm (except ..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 partskit, longer or shorter DDC cables	

ENGINE

Engine model	Kubota Z482
Emission Regulation	Tier 4, EPA
Engine performance intermittent SAE J1349	9.32 kW at 3600 rpm
Engine performance continuous SAE J1349	8.05 kW at 3600 rpm
Number of cylinders	2
Displacement	479 cc / 29.2 cu. in.
Bore & stroke	67 x 68 mm / 2.6 x 2.7 in.
Air intake system	Naturally aspirated
Air consumption	< 0.95 m³/min (< 33.5 ft³/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	Digital Diesel Control
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]
Local control	Start/stop & maintenance
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 3.2 l

DIMENSIONS & WEIGHT

Dimensions Cabinet	mm :	660 x 550 x 622
(W x D x H)	In. :	26 x 21.7 x 24.5
Dimensions PMG	mm :	198 x 191 x 490
(W x D x H)	In. :	7.8 x 7.5 x 19.3
Dry weight	kg :	155 + 9.9
(cabinet + PMG)	lb. :	319.7 + 21.8
Color	RAL9010 signal white, RAL9020 metallic black	



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 8

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290061	Starter battery - AGM Power 12 VDC 80 Ah (will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

*) WhisperTouch 7" Full color is optional and recommended



Starter battery
AGM Power 12 VDC | 80 Ah
Art. Nr. 40290061

Starter battery installation kit
<100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290106

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 8

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401771	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244



WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401771



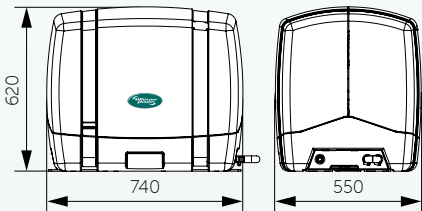
AC Genverter
Piccolo 10



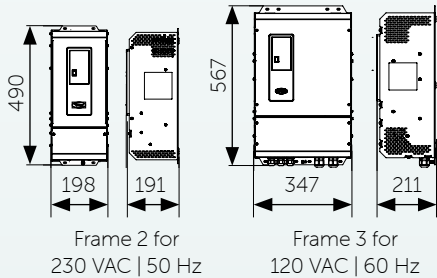
Available variations:

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

Dimensions Piccolo 10



PMG included (Frame 2 or 3)



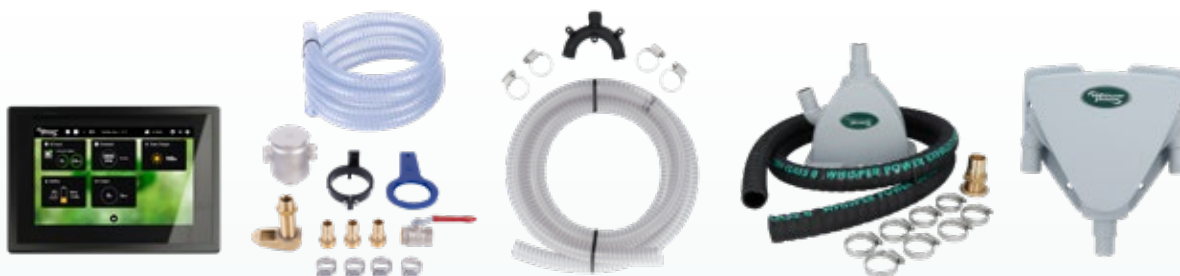
DDC remote control panel



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

10 kVA

10 kVA	PICCOLO 10		
	Genverter based on Kubota D722		
	230 VAC	120/240 VAC	
System output	10 kVA / 8.5 kW		
Peak power 200msec	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, 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 - Stage V		
Emission Regulation	Tier 4, EPA		
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 / 2.6 x 2.7 In.		
Air intake system	Naturally aspirated		
Air consumption	< 1.22 m³/min / < 43.1 ft³/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		
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. 3.8 l		
DIMENSIONS & WEIGHT		230 VAC	120/240 VAC
Dimensions Cabinet (W x D x H)	mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4	
Dimensions PMG (W x D x H)	mm : In. :	198 x 191 x 490 7.8 x 7.5 x 19.3	347 x 211 x 567 13.7 x 8.3 x 22.3
Dry weight (cabinet + PMG)	kg : lb. :	175 + 9.9 385.8 + 21.8	175 + 30 385.8 + 66.1
Color		RAL9010 signal white, RAL9020 metallic black	



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 10

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290031	Starter battery - AGM Power 12 VDC 100 Ah (will be charged by Genverter when running)
40290108	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

*) WhisperTouch 7" Full color is optional and recommended



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031

Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 10

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401772	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214

A-kit maintenance parts
Art. Nr. 40401770

B-kit maintenance parts
Art. Nr. 40401772



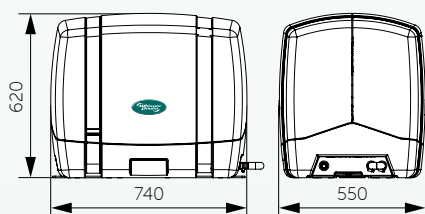
AC Genverter Piccolo 12



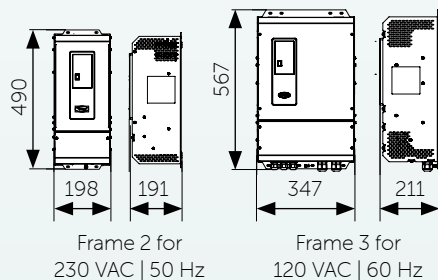
Available variations:

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

Dimensions Piccolo 12



PMG included (Frame 2 or 3)



DDC remote control panel



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

10 kVA

PICCOLO 12

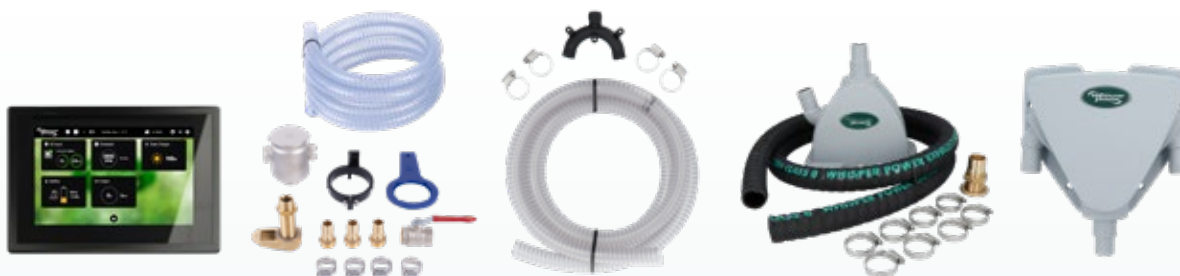
Genverter based on Kubota D722

	230 VAC	120/240 VAC
System output	10 kVA / 9.6 kW	12 kVA / 10 kW
Peak power 200msec	200%	
RPM range	2800- 3300 rpm	
Low rpm setpoint	2400 rpm	
Max rpm setpoint	3600 rpm	
Typical rpm	2400 - 2600	
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m	
Cooling	Intercooling	
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 - Stage V
Emission Regulation	Tier 4, EPA
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 / 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
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

MECHANICAL SPECIFICATIONS		230 VAC	120/240 VAC
Dimensions Cabinet (W x D x H)	mm :	740 x 550 x 620	
	In. :	29.1 x 21.7 x 24.4	
Dimensions PMG (W x D x H)	mm :	198 x 191 x 490	347 x 211 x 567
	In. :	7.8 x 7.5 x 19.3	13.7 x 8.3 x 22.3
Dry weight (cabinet + PMG)	kg :	175 + 9.9	175 + 30
	lb. :	385.8 + 21.8	385.8 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black		



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 12

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290031	Starter battery - AGM Power 12 VDC 100 Ah (will be charged by Genverter when running)
40290108	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

*) WhisperTouch 7" Full color is optional and recommended



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031

Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 12

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401772	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214

A-kit maintenance parts
Art. Nr. 40401770

B-kit maintenance parts
Art. Nr. 40401772



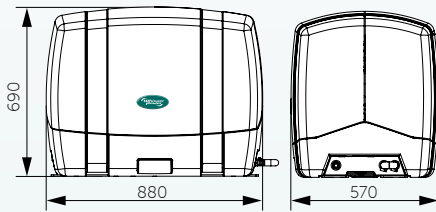
AC Genverter Piccolo 15



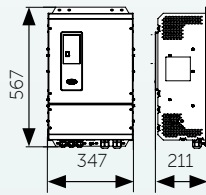
Available variations:

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

Dimensions Piccolo 15



PMG included (Frame 3)



DDC remote control panel



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

15 kVA

PICCOLO 15

Genverter based on Kubota D1105

System output	15 kVA 12.5 kW
Peak power 200m sec	200%
RPM range	2200 - 3200 rpm
Low rpm set point	1500 rpm
Max rpm set point	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, 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	1123 cc / 68.5 cu. In.
Bore & stroke	78 x 78.4 mm / 3.0 x 3.1 In.
Air intake system	Naturally aspirated
Air consumption	1.47 m ³ /min / 51.9 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
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]
Local control	Start/stop & maintenance
Service interval oil change	200 h
Lubricant	At least CF
Oil capacity	Approx. 4.0 l

DIMENSIONS & WEIGHT		230 VAC	120/240 VAC
Dimensions Cabinet	mm :	880 x 570 x 690	
(W x D x H)	In. :	34.6 x 22.4 x 27.2	
Dimensions PMG	mm :	347x 211 x 567	
(W x D x H)	In. :	13.7 x 8.3 x 22.3	
Dry weight	kg :	210 + 20	210 + 30
(cabinet + PMG)	lb. :	463 + 44.1	463 + 66.1
Color		RAL9010 signal white, RAL9020 metallic black	



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

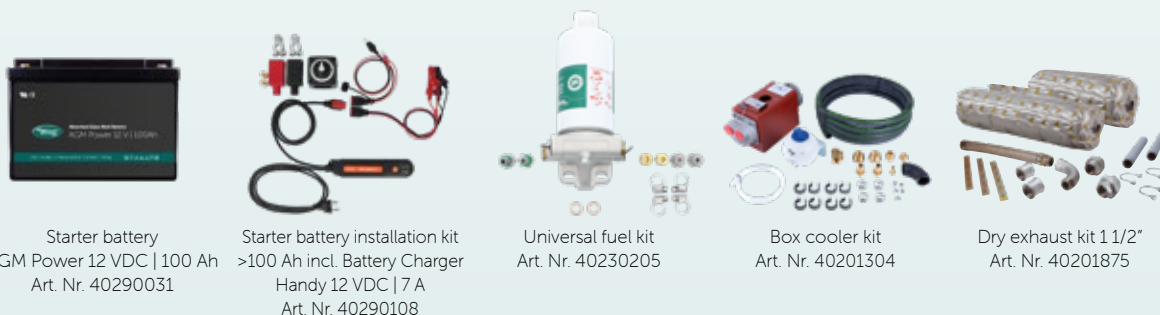
Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 15

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290031	Starter battery - AGM Power 12 VDC 100 Ah (will be charged by Genverter when running)
40290108	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201875	Dry exhaust kit 1 1/2"

*) WhisperTouch 7" is optional and recommended



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031

Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1 1/2"
Art. Nr. 40201875

EXTRA ACCESSORIES FOR PICCOLO 15

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401863	A-kit maintenance parts
40401864	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214

A-kit maintenance parts
Art. Nr. 40401863

B-kit maintenance parts
Art. Nr. 40401864



AC Genverter | Adjustable speed

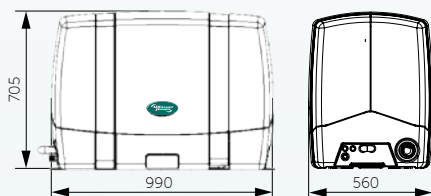
Piccolo 18



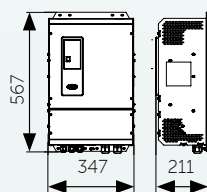
Available variations:

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

Dimensions Piccolo 18



PMG included (Frame 3)



DDC remote control panel



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

18 kVA

PICCOLO 18	
Genverter based on Kubota V1505	
System output	18 kVA / 15 kW
Peak power 200m sec	200%
RPM range	2000 - 2600 rpm
Low rpm set point	1500 rpm
Max rpm set point	3000 rpm
Typical rpm	2000 - 2400 rpm
Noise level	57 dB(A) at 7 m / 73 dB(A) at 1 m
Cooling	Indirect liquid cooling
Exhaust	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 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 m³/min / 86.5 ft³/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		
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]		
Local control	Start/stop & maintenance		
Service interval oil change	200 h		
Lubricant	At least CF		
Oil capacity	Approx. 4.0 l		
DIMENSIONS & WEIGHT			
		230 VAC	120/240 VAC
Dimensions Cabinet (W x D x H)	mm : In. :	990 x 560 x 705 39 x 22 x 27.8	
Dimensions PMG (W x D x H)	mm : In. :	347 x 211 x 567 13.7 x 8.3 x 22.3	
Dry weight (cabinet + PMG)	kg : lb. :	230 + 20 507.1 + 44.1	230 + 30 507.1 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black		



WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 18

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included *) 
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290031	Starter battery - AGM Power 12 VDC 100 Ah (will be charged by Genverter when running)
40290108	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201875	Dry exhaust kit 1 1/2"

*) WhisperTouch 7" is optional and recommended.



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031

Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1 1/2"
Art. Nr. 40201875

EXTRA ACCESSORIES FOR PICCOLO 18

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401863	A-kit maintenance parts
40401864	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401863



B-kit maintenance parts
Art. Nr. 40401864



Piccolo Genverter®

Double the power, reduce fuel and maintenance costs

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



Important system benefits

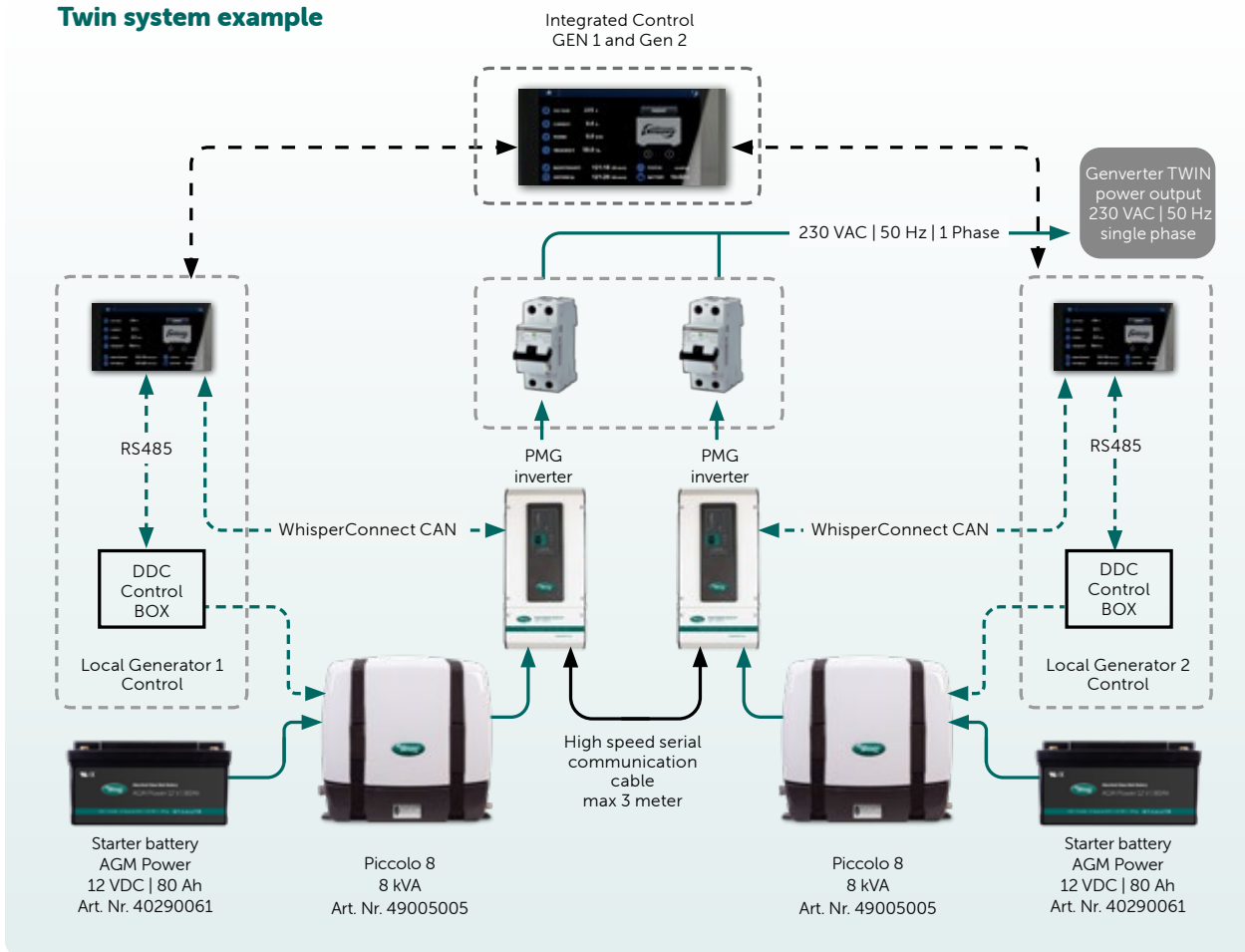
Traditional fixed speed generators are chosen in general in oversize, based on the peak load power requirements. This often means they are oversized for their normal operation running load. With the Twin-Power solution, the AC appliances are powered by one or two engines. As a result of our Genverter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

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

Cost saving and redundant

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

Twin system example



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Piccolo - Twin

Easy to install & configure

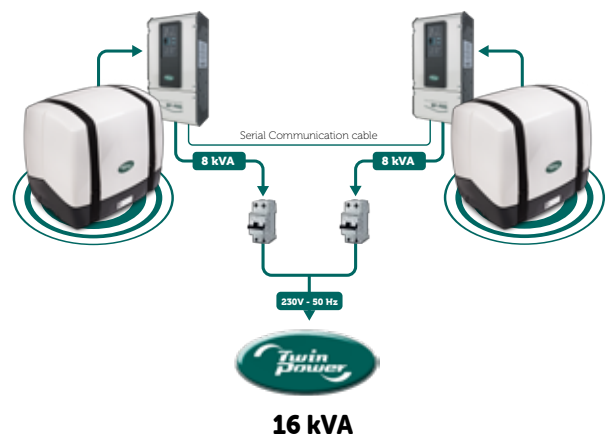
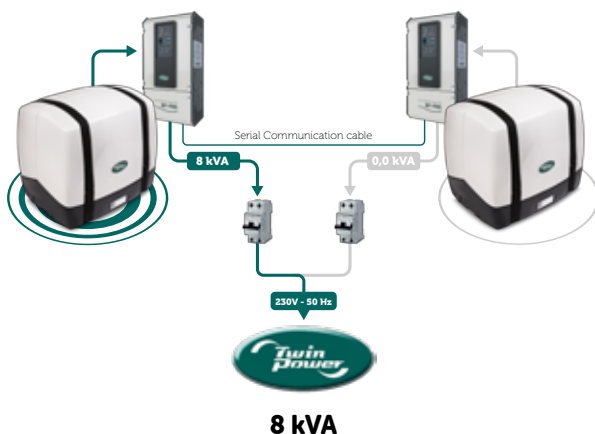
Our Twin-Power® solution allows you to parallel two WhisperPower Genverter generators with a single high speed communication wire. No extra boxes with oversized switch gear are needed, or other costly add-ons. Just install two generators instead of one traditional product and connect the PMG inverters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



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





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

Summary of all Piccolo Genverter models

Piccolo 230/120 VAC



Piccolo 4
1 cylinder
3.5 kVA / 3.5 kW



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 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



Piccolo 15 + 15
3 cylinder
30 kVA / 25 kW



Piccolo 18 + 18
4 cylinder
36 kVA / 30 kW

System explained

What a complete generator system looks like

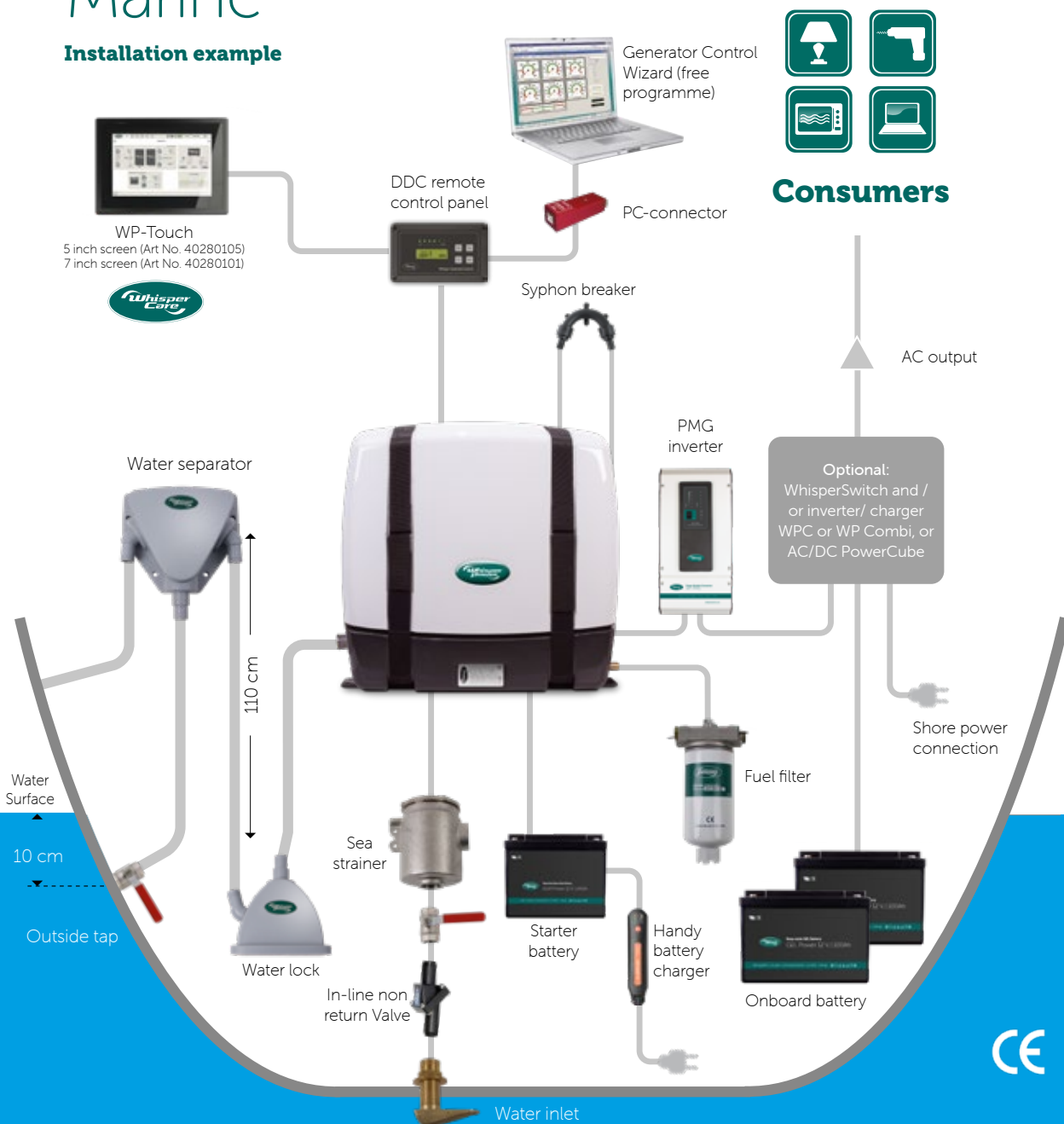
This page provides an overview of all the essential installation equipment for a generator system. We recommend only using original WhisperPower parts. We provide installation kits for all of our generator models to facilitate installation. All products are high quality and specifically designed for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

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Piccolo

Marine

Installation example





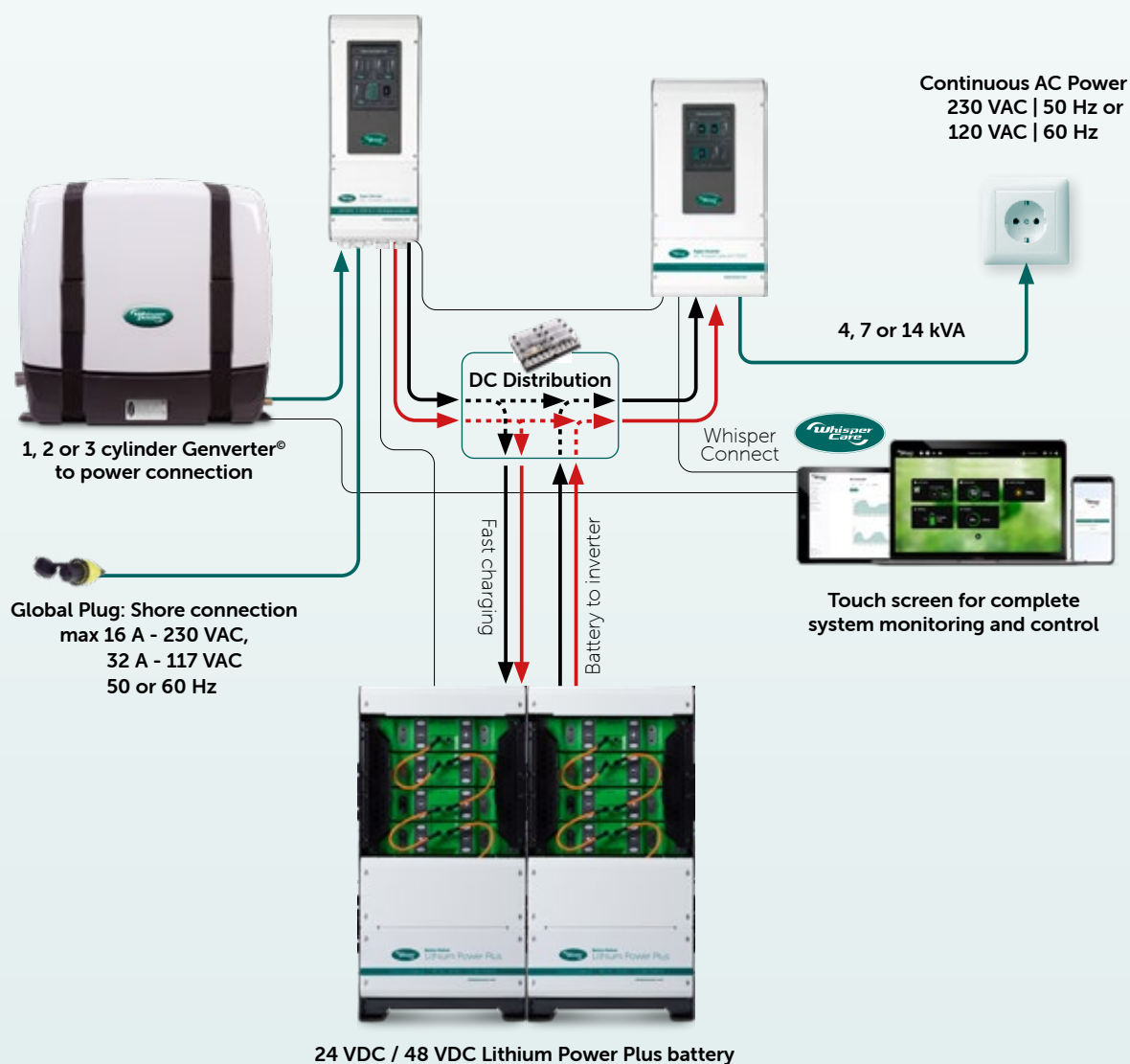
Piccolo Genverter®

DC generator / inverter system

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

Whenever the 24 VDC / 48 VDC batteries need to be recharged, the Genverter® starts up automatically. 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).



**ADJUSTABLE
SPEED
DC
OUTPUT**



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		PICCOLO 2	PICCOLO 3	PICCOLO 3+
Genverter	→	49001105	49001305	49001505
Ungrounded	→	49001106	49001306	49001506
Keel cooling	→	49001130	49001330	49001530

MAIN SPECIFICATIONS

Continuous Power at 25°C (77°F)		4.3 kW	8.6 kW	12 kW
Number of DC PowerCubes		1	2	3
Nominal voltage		24/48 VDC	24/48 VDC	24/48 VDC
Charge characteristics		Bulk, absorption, float	Bulk, absorption, float	Bulk, absorption, float
Noise level		51 dB(A) at 7 m 60 dB(A) at 1 m	51 dB(A) at 7 m 60 dB(A) at 1 m	54 dB(A) at 7 m 65 dB(A) at 1 m
RPM range (adjustable)		1500 .. 3000 rpm	1500 .. 2500 rpm	1500 .. 2500 rpm
Alternator technology		Permanent Magnet	Permanent Magnet	Permanent Magnet
Generator cooling		Indirect water-cooling (engine+alternator)	Indirect water-cooling (engine+alternator)	Indirect water-cooling (engine+alternator)
Generator control		DDC	DDC	DDC
Control Panel		DDC Local + DDC Remote	DDC Local + DDC Remote	DDC Local + DDC Remote

DIESEL ENGINE SPECIFICATIONS

Engine		WP Kubota Z482	WP Kubota D722	WP Kubota D1105
Displacement		479 cc / 29.3 cu. In.	719 cc / 43.8 cu. In.	1.123 cc / 68.5 cu. In.
Cylinders		2	3	3
Bore & stroke		67 x 68 mm 2.6 x 2.7 In.	67 x 68 mm 2.6 x 2.7 In.	87 x 78.4 mm 3.4 x 3.1 In.
Compression ratio		23.5	23.5	24.0
Air consumption		< 0.63 m³/min	< 0.94 m³/min	< 1.47 m³/min
Cooling system		Heat exchanger	Heat exchanger	Heat exchanger
Fuel consumption (no load - full load)		1.7-2.5 l/hr	2.6-3.8 l/hr	4.2-5.6 l/hr
Starter battery charge method/ current		Alternator 12 VDC 12.5 A	Alternator 12 VDC 12.5 A	Alternator 12 VDC 40 A

DIMENSIONS & WEIGHT

Dimensions cabinet (W x D x H)	mm : In. :	660 x 550 x 622 26 x 21.7 x 24.5	740 x 550 x 620 29.1 x 21.7 x 24.5	880 x 570 x 690 34.7 x 24.4 x 21.2
Dimensions DC PowerCube (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6	268 x 316 x 575 10.6 x 12.4 x 22.6	268 x 316 x 575 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : lb. :	155 + (1 Power Cube) 26 341.7 + (1 Power Cube) 57.3	175 + (2 Power Cubes) 26 385.8 + (2 Power Cubes) 57.3	210 + (3 Power Cubes) 26 463 + (3 Power Cubes) 57.3
Exhaust type	mm : In. :	Ø 40 Ø 1 BSP	Ø 40 Ø 1 BSP	Ø 40 Ø 1 BSP
Max. operating angle		25° in all directions	25° in all directions	25° in all directions

OPTIONAL

Optional 1		2 nd start/stop panel, Touch panel 7"	2 nd start/stop panel, Touch panel 7"	2 nd start/stop panel, Touch panel 7"
Optional 2		Ungrounded	Ungrounded	Ungrounded
Optional 3		Keel Cooling	Keel Cooling	Keel Cooling



Genverter
Piccolo 5 - DC use (12 / 24 VDC)

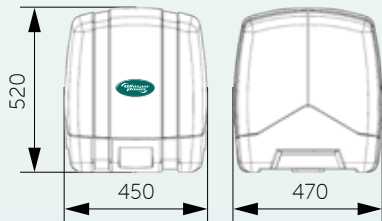


GENVERTER - PROGRAMMABLE SPEED GENERATORS • DC SERIES

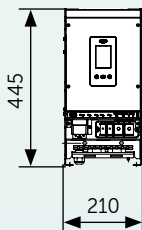
Article number	Definition
49003005	Piccolo 5 1 Cyl. 230 VAC 4.4 kVA 3.5 kW 50 Hz • with standard start/stop panel
DC BATTERY CHARGING 24 VDC OR 48 VDC	
60205401	Supreme Pro 24 VDC 100 A (for 12 VDC select one or more Supreme 12 VDC 100 A)

*) DDC Remote start/stop panel and PMG inverter as standard included in the delivery. DC PowerCube is not included.

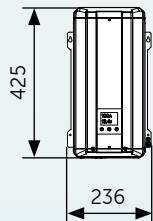
**Dimensions
Piccolo 5**



**Dimensions
Supreme Pro
24 | 100**



**Dimensions
Supreme
12 | 100**





ACCESSORIES & OPTIONS FOR PICCOLO 5

Article number	Definition	
40280101	WhisperTouch 7" System Panel *)	
40230201	Water inlet kit 12.5 mm (1/2")	
40230272	Syphon breaker kit 12.5 mm (1/2")	
40230281	Water lock exhaust kit 40 mm (1 5/8")	
40230291	Water/Gas separator kit 40/40/40 (1 5/8")	
40230208	Base plate kit aluminium	(dimensions 600 x 400 x 20)
40290060	Starter battery - AGM Power 12 VDC 55 Ah	(will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A	(recommended for temporary laying)
40230205	Universal fuel kit	

*) WhisperTouch 7" is optional



EXTRA ACCESSORIES FOR PICCOLO 5

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





DC Genverter

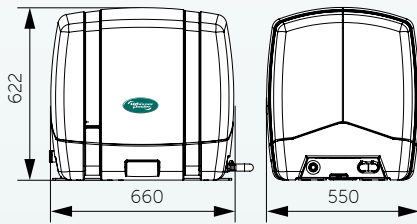
Piccolo 2 | 4.3 KW



Available variations:

24 VDC | 150 A
48 VDC | 80 A

Dimensions Piccolo 2



DDC remote control panel



PICCOLO 2

Genverter	→	49001105
DC PowerCube 24 VDC 150 A	→	60202002
DC PowerCube 48 VDC 80 A	→	60202003

MAIN SPECIFICATIONS

Continuous Power (24 / 48 VDC)	4.3 kW
Number of DC PowerCubes	1
Nominal voltage / frequency	24/48 VDC
Charge characteristics	bulk, absorption, float
Noise level	51 dB(A) at 7 m, 60 dB(A) at 1 m
RPM range	1500 .. 3000 rpm, adjustable

Generator	Permanent Magnet Alternator (PMA)
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DIESEL ENGINE SPECIFICATIONS

Engine	Kubota Z482
Cylinder volume	479 cc (two cylinder)
Bore & stroke	67 x 68 mm 2.6 x 2.7 In.
Air consumption	< 0.95 m³/min / (<33.5 ft³/min)
Cooling system	indirect
Fuel consumption (no load - full load)	1.2-2.5 l/hr
Starter battery charge current	Alternator 12 VDC 12.5 A

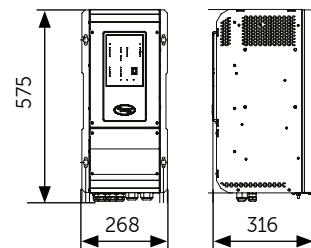
DIMENSIONS & WEIGHT

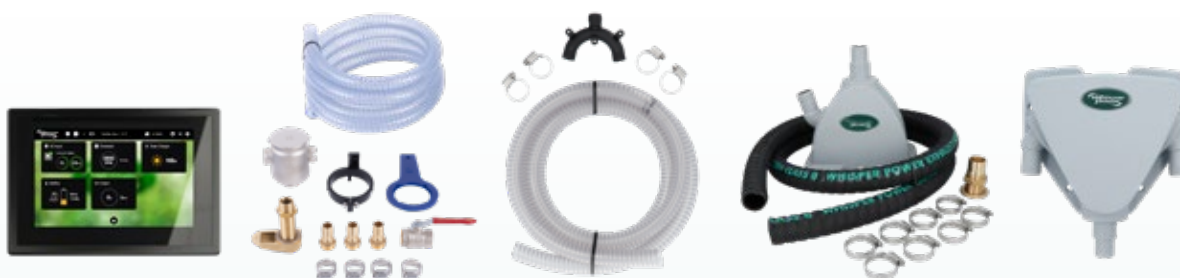
Dimensions cabinet (W x D x H)	mm : 660 x 550 x 622 In. : 26 x 21.7 x 24.5
Dimensions DC PowerCube (W x D x H)	mm : 268 x 316 x 575 In. : 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : 155 + (1 PowerCube) 26 lb. : 341.7 + (1 PowerCube) 57.3
Dry exhaust / wet exhaust	Ø 40 mm / Ø 1 inch BSP
Oil dipstick	Top and side
Max. operating angle	25° in all directions

CONTROL PANEL

Standard	start / stop panel - DDC
Optional	2 nd start/stop panel, Touch panel 7 inch

Dimensions DC PowerCube





WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 2

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included  (optional)
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290061	Starter battery - AGM Power 12 VDC 80 Ah (will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

WhisperTouch 7" system panel is optional and recommended.



Starter battery
AGM Power 12 VDC | 80 Ah
Art. Nr. 40290061

Starter battery installation kit
<100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290106

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 2

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401772	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772



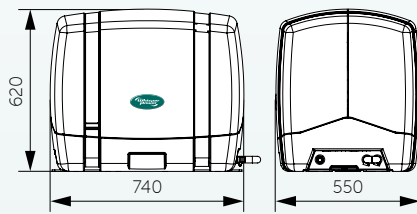
DC Genverter Piccolo 3 | 8.6 kW



Available variations:

24 VDC | 300 A
48 VDC | 160 A

Dimensions Piccolo 3



DDC remote control panel



PICCOLO 3

Genverter	→	49001305
DC PowerCube 24 VDC 150 A	→	60202002
DC PowerCube 48 VDC 80 A	→	60202003

MAIN SPECIFICATIONS

Continuous Power (24 / 48 VDC)	8.6 kW
Number of DC PowerCubes	2
Nominal voltage / frequency	24/48 VDC
Charge characteristics	bulk, absorption, float
Noise level	51 dB(A) at 7 m, 60 dB(A) at 1 m
RPM range	1500 .. 2500 rpm, adjustable

Generator	Permanent Magnet Alternator (PMA)
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DIESEL ENGINE SPECIFICATIONS

Engine	Kubota D722
Cylinder volume	719 cc (three cylinder)
Bore & stroke	67 x 68 mm 2.6 x 2.7 in.
Air consumption	< 1.22 m³/min / (<43.1 ft³/min)
Cooling system	indirect
Fuel consumption (no load - full load)	1.2-3 l/hr
Starter battery charge current	Alternator 12 VDC 12.5 A

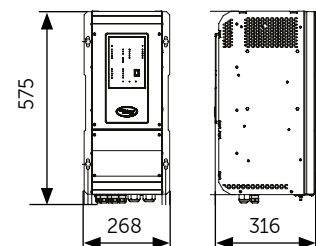
DIMENSIONS & WEIGHT

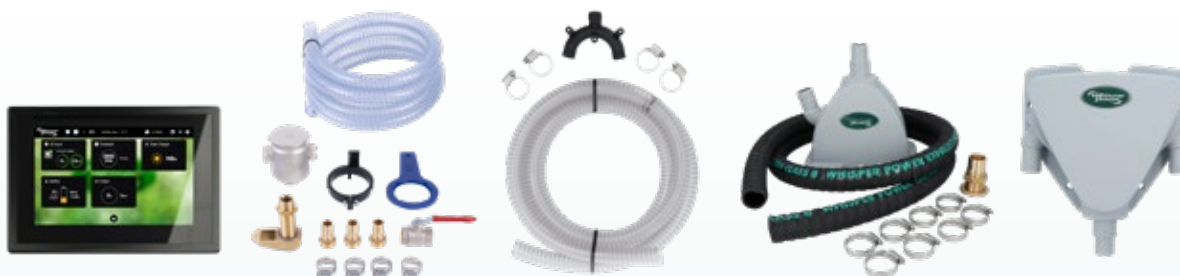
Dimensions cabinet (W x D x H)	mm : 740 x 550 x 620 In. : 29.1 x 21.7 x 24.5
Dimensions DC PowerCube (W x D x H)	mm : 268 x 316 x 575 In. : 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : 175 + (2 PowerCubes) 26 /each lb. : 385.8 + (3 PowerCubes) 57.3 /each
Dry exhaust / wet exhaust	Ø 40 mm / Ø 1 inch BSP
Oil dipstick	Top and side
Max. operating angle	25° in all directions

CONTROL PANEL

Standard	start / stop panel - DDC
Optional	2 nd start/stop panel, Touch panel 7 inch

Dimensions DC PowerCube





WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 3

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included  (optional)
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290061	Starter battery - AGM Power 12 VDC 80 Ah (will be charged by Genverter when running)
40290106	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201325	Dry exhaust kit 1"

WhisperTouch 7" system panel is optional and recommended



Starter battery
AGM Power 12 VDC | 80 Ah
Art. Nr. 40290061

Starter battery installation kit
<100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290106

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1"
Art. Nr. 40201325

EXTRA ACCESSORIES FOR PICCOLO 3

Article number	Definition
40222244	WPL-15W40 General, Lubricant oil, 4 liters
40222214	WPL-Coolant G12+, 4 liters
40401770	A-kit maintenance parts
40401772	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244

WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 40401770



B-kit maintenance parts
Art. Nr. 40401772

DC Genverter

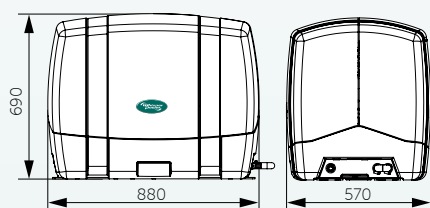
Piccolo 3+ | 12 kW



Available variations:

24 VDC | 450 A
48 VDC | 240 A

Dimensions Piccolo 3+



DDC remote control panel



PICCOLO 3+

Genverter	→	49001505
DC PowerCube 24 VDC 150 A	→	60202002
DC PowerCube 48 VDC 80 A	→	60202003

MAIN SPECIFICATIONS

Continuous Power (24 / 48 VDC)	12 kW
Number of DC PowerCubes	3
Nominal voltage / frequency	24/48 VDC
Charge characteristics	bulk, absorption, float
Noise level	54 dB(A) at 7 m, 65 dB(A) at 1 m
RPM range	1500 .. 2500 rpm, adjustable

Generator	Permanent Magnet Alternator (PMA)
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DIESEL ENGINE SPECIFICATIONS

Engine	Kubota D1105
Cylinder volume	1.123 cc (three cylinder)
Bore & stroke	87 x 78.4 mm 3.4 x 3.1 In.
Air consumption	< 1.43 m³/min / (<50.5 ft³/min)
Cooling system	indirect
Fuel consumption (no load - full load)	1.5-4 l/hr
Starter battery charge current	Alternator 12 VDC 40 A

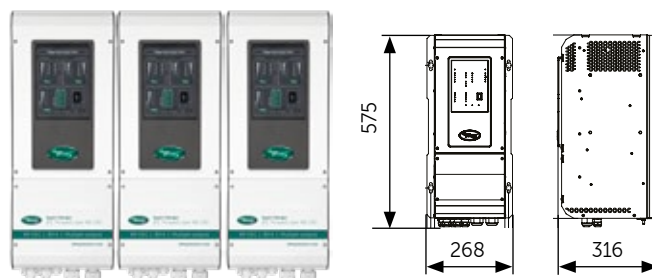
DIMENSIONS & WEIGHT

Dimensions cabinet (W x D x H)	mm : 880 x 570 x 690 In. : 34.7 x 24.4 x 21.2
Dimensions DC PowerCube (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 : 210 + (3 PowerCubes) 26/each lb. : 463 + (3 PowerCubes) 57.3/each
Dry exhaust / wet exhaust	Ø 40 mm / Ø 1 In. BSP
Oil dipstick	Top and side
Max. operating angle	25° in all directions

CONTROL PANEL

Standard	start / stop panel - DDC
Optional	2 nd start/stop panel, Touch panel 7 inch

Dimensions DC PowerCube





WhisperTouch 7"
Art. Nr. 40280101


Water inlet kit
20 mm (3/4")
Art. Nr. 40230211

Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273

Water lock exhaust kit
40 mm (1 5/8")
Art. Nr. 40230281

Water/Gas separator kit
40/40/40 (1 5/8")
Art. Nr. 40230291

ACCESSORIES & OPTIONS FOR PICCOLO 3+

Article number	Definition
40280101	WhisperTouch 7" (system panel) connection cable included  (optional)
40230211	Water inlet kit 20 mm (3/4")
40230273	Syphon breaker kit 20 mm (3/4")
40230281	Water lock exhaust kit 40 mm (1 5/8")
40230291	Water/Gas separator kit 40/40/40 (1 5/8")
40290031	Starter battery - AGM Power 12 VDC 100 Ah (will be charged by Genverter when running)
40290108	Starter battery installation kit incl. Battery Charger - Handy 12 VDC 7 A
40230205	Universal fuel kit
40201304	Box cooler kit
40201875	Dry exhaust kit 1 1/2"

WhisperTouch 7" system panel is optional and recommended



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031

Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108

Universal fuel kit
Art. Nr. 40230205

Box cooler kit
Art. Nr. 40201304

Dry exhaust kit 1 1/2"
Art. Nr. 40201875

EXTRA ACCESSORIES FOR PICCOLO 3+

Article number	Definition
4022244	WPL-15W40 General, Lubricant oil, 4 liters
4022214	WPL-Coolant G12+, 4 liters
40401863	A-kit maintenance parts
40401864	B-kit maintenance parts



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 4022244



WPL-Coolant G12+
4 liters
Art. Nr. 4022214



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:

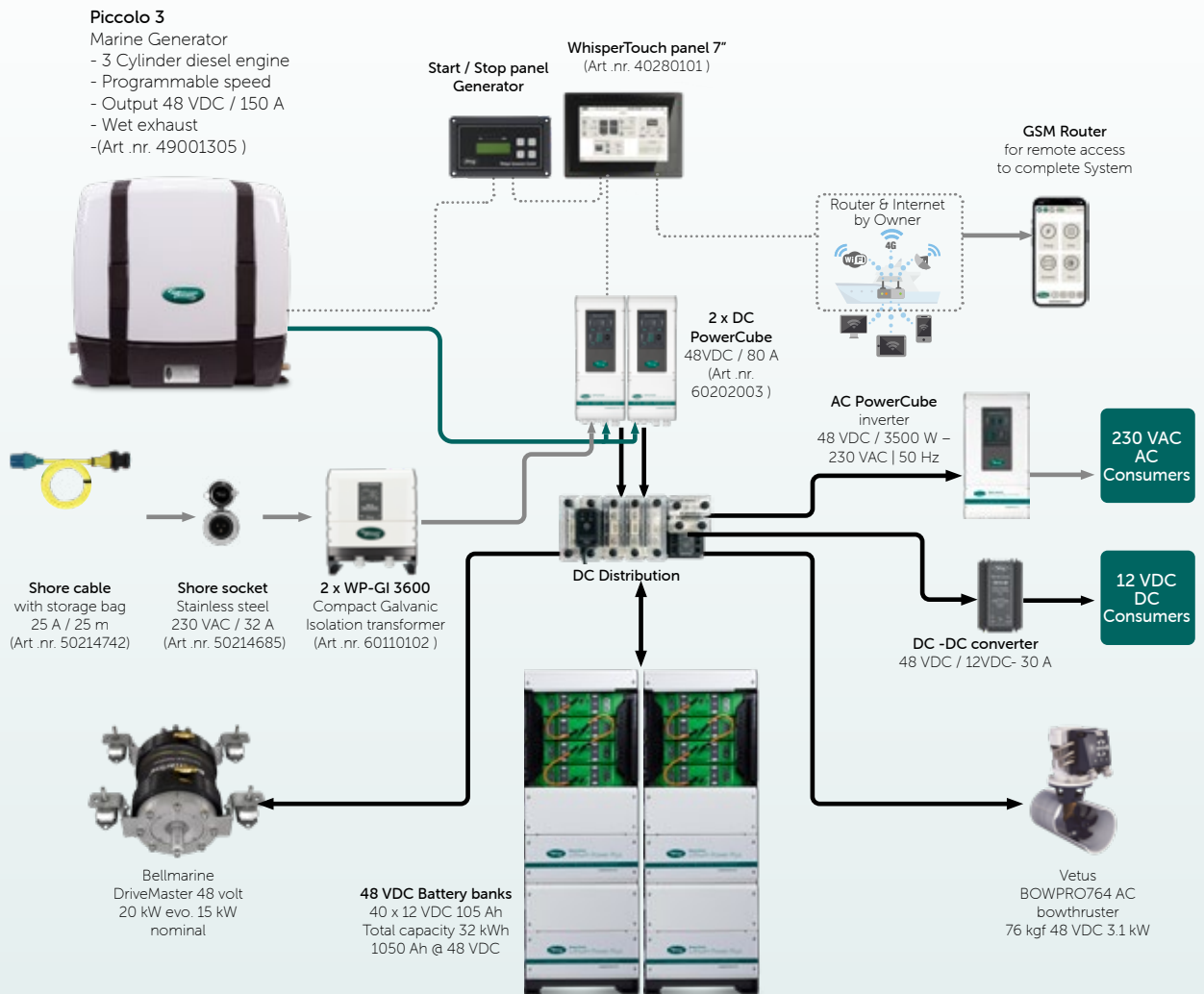
- As a back-up system for electric propulsion, with the certainty of always getting home
- As a silent power source in a system with large DC AC inverter, always power and never power shortage

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 using 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 WhisperPower Touch Monitors to view and control your system.

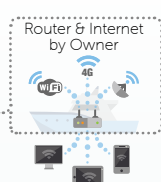


Piccolo 3

Marine Generator
- 3 Cylinder diesel engine
- Programmable speed
- Output 48 VDC / 150 A
- Wet exhaust
(Art. nr. 49001305)



WhisperTouch panel 7"
(Art. nr. 40280101)



GSM Router
for remote access
to complete System



Shore cable + Shore inlet
(Art. nr. 50214742 + 50214685)



Shore cable + Shore inlet
(Art. nr. 50214742 + 50214685)



48 VDC Battery bank
48 VDC 11.1 kWh-210 Ah +
Whisper Interface Box
WIB 48 VDC - 600 A
(Art. nr. 40290225 &
50214819)



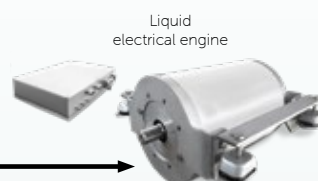
2 x DC PowerCube
48 VDC / 80 A
(Art. nr. 60202003)



DC Distribution



WPC inverter charger
combination
48 VDC / 4000 W-50 A
(Art. nr. 60201303)



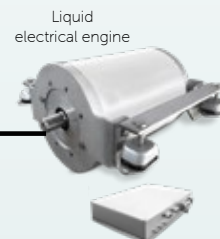
Liquid
electrical engine



230 VAC
AC
Consumers



WP-Suntrack Pro
48 VDC-65 A
Charge regulator
(Art. nr. 60110420)



Liquid
electrical engine



WhisperSolar
195Wp
Solarpanels
(Art. nr. 60110402)

1500 / 1800 rpm models

From 15 - 54 kVA

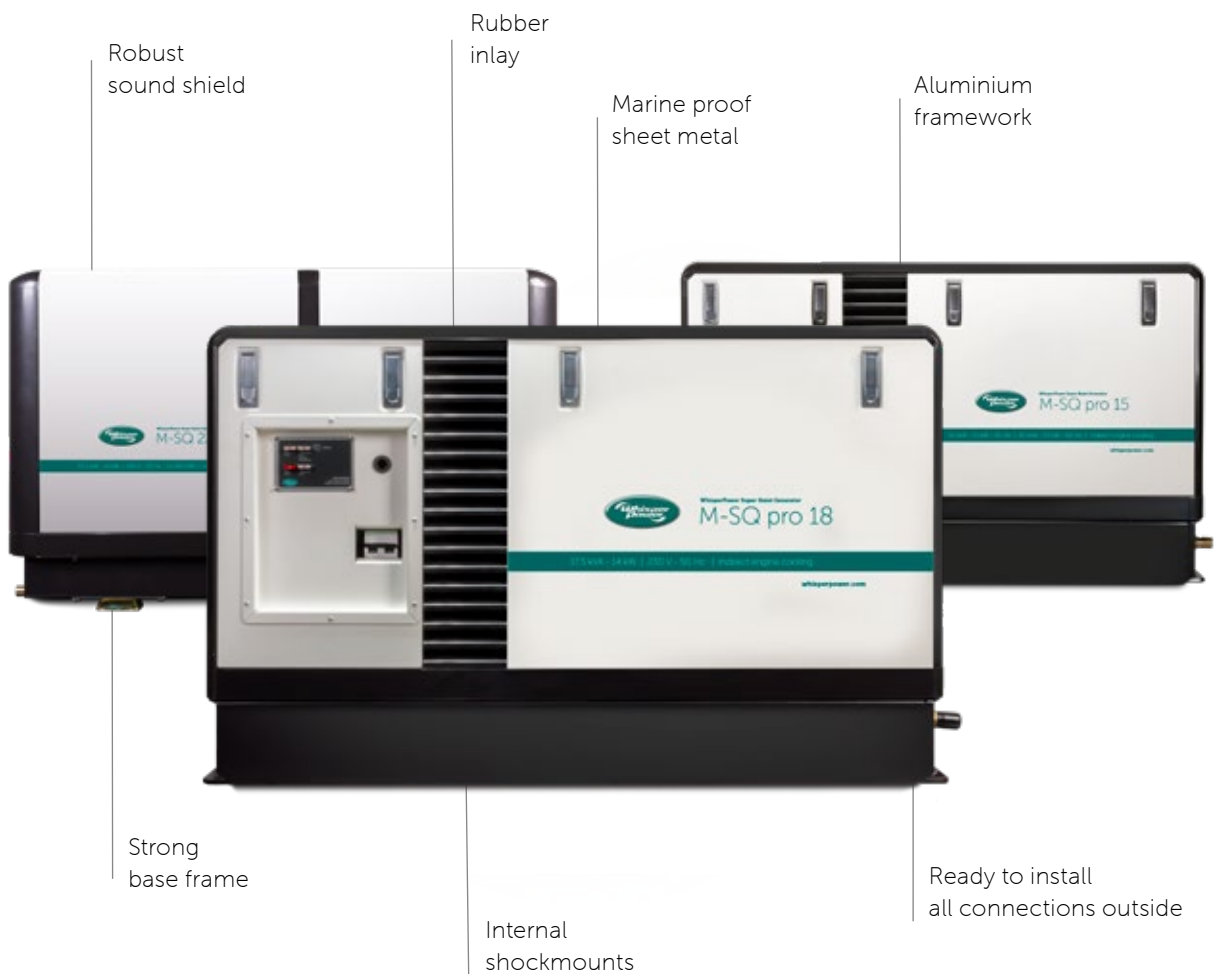
Choose your power window

Over the past 20 years, Whisper generators have built a strong reputation. They are regarded to be 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.

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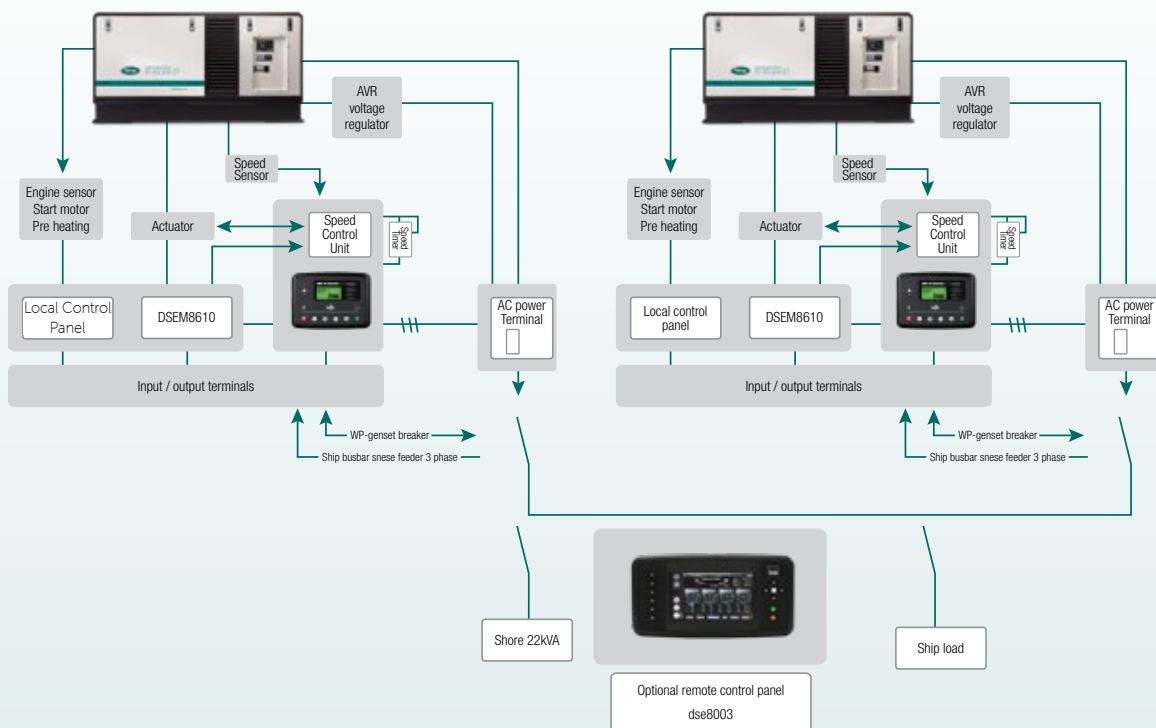


Advanced Classic Power Systems



M-SQ 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 32)

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



From DDC to Deep Sea Controls

Important optional feature of our 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 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 watercooling		Indirect watercooling		
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						
Type		Kubota V1505 BG EPA + Stage V	Kubota V1505 BG	Kubota V2203 M BG EPA + Stage V	Kubota V2203 M BG	
Cylinder, quantity		4		4		
Displacement		cc : cu. In. :	1498 91.5	2197 134		
Bore & stroke		mm : In. :	78.0 x 78.4 3.07 x 3.09	87 x 92.4 3.43 x 3.64		
DIMENSIONS & WEIGHT						
Dimensions cabinet (W x D x H)		mm : In. :	1145 x 625 x 690 45.1 x 24.6 x 27.2	1220 x 718 x 754 48.0 x 28.3 x 29.7		
Dry weight		kg : lb. :	410 904	495 1091		
Dry exhaust / 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		DDC		
Optional 1		DeepSea control or WhisperTouch full color panel 7" or 10"		DeepSea control or WhisperTouch full color panel 7" or 10"		
Optional 2		Ungrounded		Ungrounded		
Optional 3		Keel cooling		Keel cooling		
Optional 4		Crankcase heating		Crankcase heating		



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M-SQ 22.5	M-SQ Pro 27	M-SQ Pro 27	M-SQ Pro 32
41101205	41202005	N/A	N/A
41101255	41202055	N/A	N/A
41131205	41202305	41201305	41201405
41131255	41202355	41201355	41201455
22 kW	23 kW (1 Phase) 25 kW (Split & 3 Phase)	25 kW	27 kW
22.5 kVA	27 kVA	27 kVA	32 kVA
20 kW	22 kW (1 Phase) 22.5 kW (Split & 3 Phase)	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)	1500 rpm (50 Hz) 1800 rpm (60 Hz)
Indirect watercooling	Indirect watercooling	Indirect watercooling	Indirect watercooling
AVR	AVR + EBS	AVR + EBS	AVR + EBS
230 VAC 50 Hz	230 VAC 50 Hz	N/A	N/A
120/240 VAC 60 Hz	120/240 VAC 60 Hz	N/A	N/A
230/400 VAC 50 Hz 120/208 VAC 60 Hz	230/400 VAC 50 Hz 120/208 VAC 60 Hz	230/400 VAC 50 Hz 120/208 VAC 60 Hz	230/400 VAC 50 Hz 120/208 VAC 60 Hz
200 %	300 %	300 %	300 %
< 3 %	< 3 %	< 3 %	< 2 %
± 5 %	± 5 %	± 5 %	± 5 %
Mitsubishi S4S	Mitsubishi S4S	Mitsubishi S4S	Mitsubishi S4S
4	4	4	4
3331 203.3	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	94 x 120 3.70 x 4.72
1260 x 680 x 800 49.6 x 26.8 x 31.5	1440 x 749 x 805 56.7 x 29.5 x 31.7	1550 x 749 x 805 61 x 29.5 x 31.7	1550 x 749 x 805 61 x 29.5 x 31.7
580 1279	660 1455	660 1455	660 1455
Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP
25° in all directions	25° in all directions	25° in all directions	25° in all directions
DDC	DDC	DDC	Deepsea controller
WhisperTouch full color panel 7" or 10"	DeepSea control or WhisperTouch full color panel 7" or 10"	DeepSea control or WhisperTouch full color panel 7" or 10"	WhisperTouch full color panel 7" or 10"
Ungrounded	Ungrounded	Ungrounded	Ungrounded
Keel cooling	Keel cooling	Keel cooling	Keel cooling
Crankcase heating	Crankcase heating	Crankcase heating	Crankcase heating

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

Diesel Generator | Fixed speed

M-SQ Pro 15



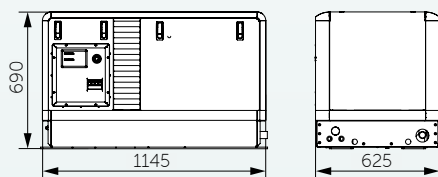
Available Stage V variations:

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

Available Non Stage V variations:

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

Dimensions M-SQ Pro 15



DDC remote control panel (standard)



DeepSea Control (optional)



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°C)	13.75	15
Continuous power kW at 25°C (77°C)	11	12

ENGINE SPECIFICATIONS

Type	Kubota V1505 BG
Cylinder quantity	4
Displacement, cc (cu. in.)	1498 (91.5)
Bore, mm (in.)	78.0 (3.07)
Stroke, mm (in.)	78.4 (3.09)
Compression ratio	23.0
Combustion system	IDI
Nominal speed, rpm	1500 (50 Hz) / 1800 (60 Hz)
Net Continuous power at rated rpm, kW (hp)	12.0 (16.4)
Governor, type	Mechanical (± 5%)
Max. operating angle	20°

ENGINE ELECTRICAL SYSTEM

Battery, voltage	12 VDC
Battery, charging module	40 A
Battery, minimum recommendation	80 Ah
Starter motor	12 VDC 1.2 kW

COOLING SYSTEM

Capacity, L, approx..	4.0
Heat extraction	Shell and Tube Countercurre
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	-

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)





DDC
Digital Diesel Control Panel
Art. Nr. 40209102



Water inlet kit
20 mm (3/4")
Art. Nr. 40230211



Syphon breaker kit
20 mm (3/4")
Art. Nr. 40230273



Water lock exhaust kit
51/51 mm (2")
Art. Nr. 40230282

ACCESSORIES & OPTIONS FOR M-SQ Pro 15

Article number	Definition	
40209102	Optional 2 nd panel: DDC remote control panel: standard supplied with all Whisper Generator	
40230211	Water inlet kit 20 mm (3/4")	
40230273	Syphon breaker kit 20 mm (3/4")	
40230282	Water lock exhaust kit 51/51 mm (2")	
40230292	Water-gas separator kit 51/40/51 (2")	
40290031	Starter battery	AGM Power 12 VDC 100 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	



Water/Gas separator kit
51/40/51 (2")
Art. Nr. 40230292



Starter battery
AGM Power 12 VDC | 80 Ah
Art. Nr. 40290061



Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108



Universal fuel kit
Art. Nr. 40230205

EXTRA ACCESSORIES FOR M-SQ Pro 15

Article number	Definition	
40222244	WPL-15W40 General, Lubricant oil, 4 liters	2 containers are required
40222214	WPL-Coolant G12+, 4 liters	2 containers are required
42401463	A-kit maintenance parts M-SQ Pro 15	
42401462	B-kit maintenance parts M-SQ Pro 15	



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244



WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401463



B-kit maintenance parts
Art. Nr. 42401462

Diesel Generator | Fixed speed

M-SQ Pro 18



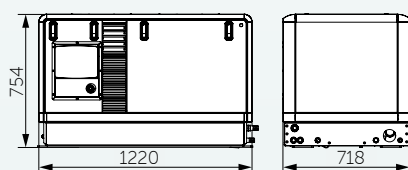
Available Stage V variations:

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

Available Non Stage V variations:

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

Dimensions M-SQ Pro 18



DDC remote control panel (standard)



DeepSea Control (optional)



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°C)	17.5	20
Continuous power kW at 25°C (77°C)	14	16

ENGINE SPECIFICATIONS		
Type	Kubota V2203 M BG	
Cylinder quantity	4	
Displacement, L (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 Countercurre	
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	235

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)





DDC
Digital Diesel Control Panel
Art. Nr. 40209102



Water inlet kit
25 mm (1")
Art. Nr. 40230221



Syphon breaker kit
25 mm (1")
Art. Nr. 40230274



Water lock exhaust kit
51/51 mm (2")
Art. Nr. 40230282

ACCESSORIES & OPTIONS FOR M-SQ Pro 18

Article number	Definition	
40209102	Optional 2 nd panel: DDC remote control panel: standard supplied with all Whisper Generator	
40230221	Water inlet kit 25 mm (1")	
40230274	Syphon breaker kit 25 mm (1")	
40230282	Water lock exhaust kit 51 mm (2")	
40230292	Water-gas separator kit 51 mm (2")	
40290062	Starter battery	AGM Power 12 VDC 145 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	



Water/Gas separator kit
51/40/51 (2")
Art. Nr. 40230292



Starter battery
AGM Power 12 VDC | 100 Ah
Art. Nr. 40290031



Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108



Universal fuel kit
Art. Nr. 40230205

EXTRA ACCESSORIES FOR M-SQ Pro 18

Article number	Definition	
40222244	WPL-15W40 General, Lubricant oil, 4 liters	2 containers are required
40222214	WPL-Coolant G12+, 4 liters	3 containers are required
42401362	A-kit maintenance parts	
42401363	B-kit maintenance parts	



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244



WPL-Coolant G12+
4 liters
Art. Nr. 40222214



A-kit maintenance parts
Art. Nr. 42401362



B-kit maintenance parts
Art. Nr. 42401363

Diesel Generator | Fixed speed

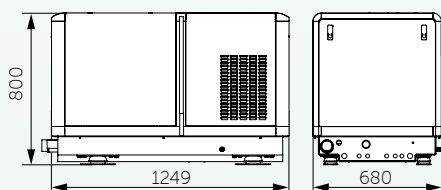
M-SQ 22.5



Available variations:

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

Dimensions M-SQ 22.5



DDC remote control panel (standard)



M-SQ 22.5

50 Hz 1 Phase	→	41101205
60 Hz Split Phase	→	41101255
50 Hz 3 Phase	→	41131205
60 Hz 3 Phase	→	41131255

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

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

MECHANICAL SPECIFICATIONS	
Supply includes	Sound shield with steel base, mounted on rubber anti vibration mounts. (Genset without sound shield is optional)
Colour:	metallic silver / grey
Max. operation angle	25 degrees
Standard supplies	Remote panel (+15 m cable), fuel filter, fuel lift pump, user and installation manuals

Optional	Installation kits, mobile (vehicle) version, non-earth return, spare part kits, PTO to drive hydraulic pump
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DIMENSIONS & WEIGHT	Without Sound Shield	With Sound Shield
Width mm (in.)	1150 (45.3)	1249 (49.2)
Depth mm (in.)	600 (23.6)	680 (26.8)
Length mm (in.)	750 (29.5)	800 (31.5)
Dry weight kg (lb.)	580 (1278.7)	480 (1058.2)





ACCESSORIES & OPTIONS FOR M-SQ 22.5

Article number	Definition	
40209102	Optional 2 nd panel: DDC remote control panel: standard supplied with all Whisper Generator	
40230221	Water inlet kit 25 mm (1")	
40230274	Syphon breaker kit 25 mm (1")	
40230225	Water lock exhaust kit 63 mm (2½")	
40230224	Water-gas separator kit 63 mm (2½")	
40290062	Starter battery	AGM Power 12 VDC 145 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	
40201894	Box cooler kit	keel cooling, dry exhaust
40201889	Dry exhaust kit 2"	keel cooling, dry exhaust



EXTRA ACCESSORIES FOR M-SQ 22.5

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



Diesel Generator | Fixed speed

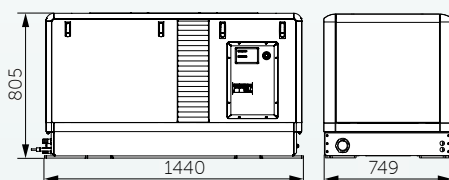
M-SQ Pro 27



Available variations:

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

Dimensions M-SQ Pro 27



DDC remote control panel (standard)



DeepSea Control (optional)



M-SQ Pro 27

50 Hz 1 Phase	→	41202005
60 Hz Split Phase	→	41202055
50 Hz 3 Phase	→	41202305
60 Hz 3 Phase	→	41202355

POWER OUTPUT	1 PHASE	SPLIT & 3 PHASE
Intermittent Power kW	23	25
Continuous power Kva at 25°C (77°C)	27	27
Continuous power kW at 25°C (77°C)	22	22.5

ENGINE SPECIFICATIONS

Type	Mitsubishi S4S
Cylinder quantity	4
Displacement, L (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 Countercurre
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	60 Hz
Engine Speed RPM	1500	1800
Air requirements, m ³ / min / (ft ³ / min)	10 / (353)	12 / (423.6)
Max, air intake restriction, kPa	1.96	1.96
Exhaust temp. At full load		

Max. allowed exhaust pressure, kPa	6.57	6.57
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FUEL CONSUMPTION g/kWh	50 Hz	60 Hz
100% load	302	360

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 (27.9)	805 (31.7)
Wet Weight kg (lb.)	587 (1294)	680 (1499)
Dry weight kg (lb.)	567 (1250)	660 (1455)



ACCESSORIES & OPTIONS FOR M-SQ Pro 27

Article number	Definition	
40209102	Optional 2 nd panel: DDC remote control panel: standard supplied with all Whisper Generator	
40230221	Water inlet kit 25 mm (1")	
40230274	Syphon breaker kit 25 mm (1")	
40230225	Water lock exhaust kit 63 mm (2½")	
40230224	Water-gas separator kit 63 mm (2½")	
40290062	Starter battery	AGM Power 12 VDC 145 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	
40201894	Box cooler kit	keel cooling, dry exhaust
40201889	Dry exhaust kit 2"	keel cooling, dry exhaust



EXTRA ACCESSORIES FOR M-SQ Pro 27

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



Diesel Generator | Fixed speed

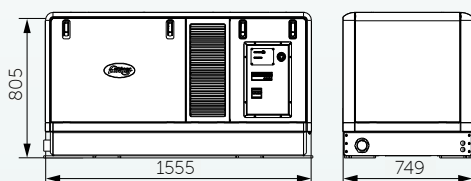
M-SQ Pro 27



Available variations:

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

Dimensions M-SQ Pro 27



DDC remote control panel (standard)



DeepSea Control (optional)



		M-SQ Pro 27
50 Hz 1 Phase	→	N/A
60 Hz Split Phase	→	N/A
50 Hz 3 Phase	→	41201305
60 Hz 3 Phase	→	41201355

MAIN SPECIFICATIONS	
RPM	1500 rpm
Alternator	3 Phase synchronous (air cooled)
Engine	Mitsubishi diesel, model S4S (Japan)
Number of cylinders	4
Displacement, L (cu. in.)	3.331 (203.3)
Bore & stroke, mm (in.)	94 x 120 (3.7 x 4.7)
Combustion air consumption	10 m ³ /min. / (353 ft ³ / min)
Continuous power 50 Hz	20 kW electric power
Cooling system	indirect cooling by raw water, 20-25 l/min.
Cooling water pump	PTO driven WhisperPower self-priming impeller pump, type M16
Fuel lift pump engine	Mechanical pump, additional electrical pump available upon request
Starting battery (optional)	12 VDC 145 Ah
Fuel consumption	2-9 litre/hour, load dependent
Control	Digital Diesel Control including automatic start/stop

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

MECHANICAL SPECIFICATIONS	
Supply includes	Sound shield with steel base, mounted on rubber anti vibration mounts. (Genset without sound shield is optional)
Colour:	metallic silver / grey
Max. operation angle	25°
Standard supplies	Remote panel (+15 m cable), fuel filter, fuel lift pump, user and installation manuals

Optional	Installation kits, mobile (vehicle) version, non-earth return, spare part kits, PTO to drive hydraulic pump
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DIMENSIONS & WEIGHT	Without Sound Shield		With Sound Shield	
	Width mm (in.)	Depth mm (in.)	Height mm (in.)	Dry weight kg (lb.)
	1400 (55.1)	600 (23.6)	730 (28.7)	550 (1212)
		749 (29.5)	805 (31.7)	660 (1411)





ACCESSORIES & OPTIONS FOR M-SQ Pro 27

Article number	Definition	
40209102	Optional 2 nd panel: DDC remote control panel: standard supplied with all Whisper Generator	
40230221	Water inlet kit 25 mm (1")	
40230274	Syphon breaker kit 25 mm (1")	
40230225	Water lock exhaust kit 63 mm (2½")	
40230224	Water-gas separator kit 63 mm (2½")	
40290062	Starter battery	AGM Power 12 VDC 145 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	
40201894	Box cooler kit	keel cooling, dry exhaust
40201889	Dry exhaust kit 2"	keel cooling, dry exhaust



EXTRA ACCESSORIES FOR M-SQ Pro 27

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



Diesel Generator | Fixed speed

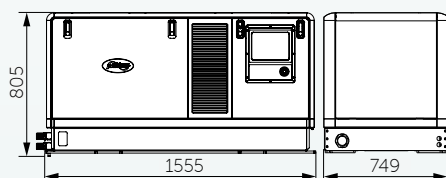
M-SQ Pro 32



Available variations:

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

Dimensions M-SQ Pro 32



DeepSea Control (standard)



DeepSea Control (optional)



		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

MAIN SPECIFICATIONS	
Intermittent Power kW at 25°C (77°F)	27 kW
Continuous Power kVA at 25°C (77°F)	32 kVA
Noise level	58 dB(A)
RPM range, rpm	1500 (50 Hz) / 1800 (60 Hz)
Cooling	Indirect water cooled
Alternator voltage regulation	AVR + EBS, forced ventilation
Nominal voltage / frequency	230/400 VAC (120/208 VAC), 3 ph, 50 Hz (60 Hz)
Peak power 2 s	300%
Harmonic distortion	< 2%
Frequency tolerance	± 5 %

DIESEL ENGINE SPECIFICATIONS	
Engine	WhisperPower Mitsubishi S4S
Number of cylinders	4
Cylinder volume	3331 cc / 203.3 cu. in.
Bore & stroke, mm (in.)	94 x 120 (3.7 x 4.7)
Air consumption	2.8 m³/min / (98.9 ft³ / min)
Cooling system	indirect
Fuel consumption (no load - full load)	1-6 l/hr
Battery, minimum recommendation	12 VDC 145 Ah
Dry exhaust / wet exhaust	Ø 63 mm / Ø 2 in. BSP
Oil dipstick	Top & side
Max. operating angle	25° in all directions

DIMENSIONS & WEIGHT	Without Sound Shield	With Sound Shield
Width mm (in.)	1400 (55.1)	1555 (61.2)
Depth mm (in.)	600 (23.6)	749 (29.5)
Height mm (in.)	730 (28.7)	805 (31.7)
Dry weight kg (lb.)	550 (1212)	660 (1455)



Service side of the M-SQ Pro 32

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





DSE
Remote control panel
Art. Nr. 50208053



Water inlet kit
25 mm (1")
Art. Nr. 40230221



Syphon breaker kit
25 mm (1")
Art. Nr. 40230274



Water lock exhaust kit
63 mm (2 1/2")
Art. Nr. 40230225



Water/Gas separator kit
63 mm (2 1/2")
Art. Nr. 40230224

ACCESSORIES & OPTIONS FOR M-SQ Pro 32

Article number	Definition	
50208053	Remote control panel DSE display	
40230221	Water inlet kit 25 mm (1")	
40230274	Syphon breaker kit 25 mm (1")	
40230225	Water lock exhaust kit 63 mm (2 1/2")	
40230224	Water-gas separator kit 63 mm (2 1/2")	
40290062	Starter battery	AGM Power 12 VDC 145 Ah
40290108	Starter battery installation kit incl. Battery Charger	Handy 12 VDC 7 A
40230205	Universal fuel kit	
40201894	Box cooler kit	keel cooling, dry exhaust
40201889	Dry exhaust kit 2"	keel cooling, dry exhaust



Starter battery
AGM Power 12 VDC | 145 Ah
Art. Nr. 40290062



Starter battery installation kit
>100 Ah incl. Battery Charger
Handy 12 VDC | 7 A
Art. Nr. 40290108



Universal fuel kit
Art. Nr. 40230205



Box cooler kit
Art. Nr. 40201894



Dry exhaust kit 2"
Art. Nr. 40201889

EXTRA ACCESSORIES FOR M-SQ Pro 32

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



WPL-15W40
General, Lubricant oil, 4 liters
Art. Nr. 40222244



WPL-Coolant G12+
4 liters
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 / water locks 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

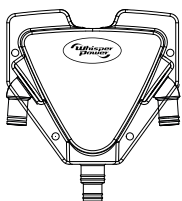
Available as a complete kit with hoses, seacocks and through-hull fittings or as separate silencer / water lock.

Silencer / Water lock ▶

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



Water / Gas Separator

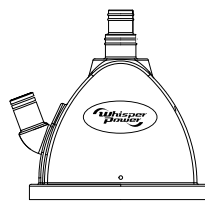


Available variations:

Art. Nr. 40230087
40-40-40 mm
(1 $\frac{5}{8}$ " - 1 $\frac{5}{8}$ " - 1 $\frac{5}{8}$ ")
370 x 165 x 417 mm
14.57 x 6.50 x 16.42 In.

Art. Nr. 40230088
51-40-51 mm
(2" - 1 $\frac{5}{8}$ " - 2")
370 x 165 x 417 mm
14.57 x 6.50 x 16.42 In.

Silencer / Water lock



Available variations:

Art. Nr. 40230083
40-40 mm (1 $\frac{5}{8}$ ")
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.

WHISPER POWER 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 $\frac{5}{8}$ ")	40 mm
40230087	WP-WGS 40/40/40 Water/Gas separator (1 $\frac{5}{8}$ ")*	40 mm
40230291	WP-WGS 40/40 Water/Gas separator kit (1 $\frac{5}{8}$ ")*	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 $\frac{1}{2}$ ")	63 mm

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



Service Kits

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 4/5
40401171	B-kit Piccolo 4/5
40401770	A-kit Piccolo 2, 3, 6, 8, 10 and 12
40401771	B-kit Piccolo 2, 6 and 8
40401772	B-kit Piccolo 3, 10 and 12
40401863	A-kit Piccolo 3+, 15 and 18
40401864	B-kit Piccolo 3+, 15 and 18
42401463	A-kit M-SQ 15 - 1500 / 1800 rpm
42401462	B-kit M-SQ 15 - 1500 / 1800 rpm
42401362	A-kit M-SQ 18 - 1500 / 1800 rpm
42401363	B-kit M-SQ 18 - 1500 / 1800 rpm
40201660	A-kit M-SQ 20/22.5/25/27/32 - 1500 /1800 rpm
40201661	B-kit M-SQ 20/22.5/25/27/32 - 1500 /1800 rpm

WPL 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 liters



Don't Forget
to order our
lubricants
& fluids





Spare Parts

Silencer/Waterlock

Available variations:

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 variations:

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 variations:

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 variations:

(15/8") | 40 mm Ø

(2") | 51 mm Ø

(2 1/2") | 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 variations:

- 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

Transparent Coolant Hose

Available variations:

- 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 variations:

- | | |
|------------------------------|------------------------------|
| Red | Black |
| 16 mm ² drum 50 m | 16 mm ² drum 50 m |
| 25 mm ² drum 25 m | 25 mm ² drum 25 m |
| 35 mm ² drum 25 m | 35 mm ² drum 25 m |



IMPORTANT INSTALLATION PARTS		
Article number	Definition	
50213070	Battery cable Red	16 mm ² (drum 50 m)
50213071	Battery cable Black	16 mm ² (drum 50 m)
50213075	Battery cable Red	25 mm ² (drum 25 m)
50213076	Battery cable Black	25 mm ² (drum 25 m)
50213085	Battery cable Red	35 mm ² (drum 25 m)
50213086	Battery cable Black	35 mm ² (drum 25 m)



Monitoring & Control

Remote Panels



Genverter control Standard supply	DDC remote control panel Art. Nr. 40209102	DeepSea Control (optional)	WhisperTouch (optional) Not with DSE Generators
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Art. Nr. 50208053



Art. Nr. 50208054



MODEL Art. Nr.			2510 MKII 50208054	8003 MKII 50208053	5" 40280105	7" 40280101	10" 40280102
Piccolo 2		■				□	□
Piccolo 3		■				□	□
Piccolo 3+		■				□	□
Piccolo 4	■				□	□	□
Piccolo 5	■				□	□	□
Piccolo 6	■					□	□
Piccolo 8		■				□	□
Piccolo 10		■				□	□
Piccolo 12		■				□	□
Piccolo 15		■				□	□
Piccolo 18		■				□	□
M-SQ Pro 15		■	□	□		□	□
M-SQ Pro 18		■	□	□		□	□
M-SQ 22.5		■				□	□
M-SQ Pro 25		■	□	□		□	□
M-SQ Pro 27		■	□	□		□	□
M-SQ Pro 32			□	■		□	□

■ = Standard □ = Optional



The Company

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

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.

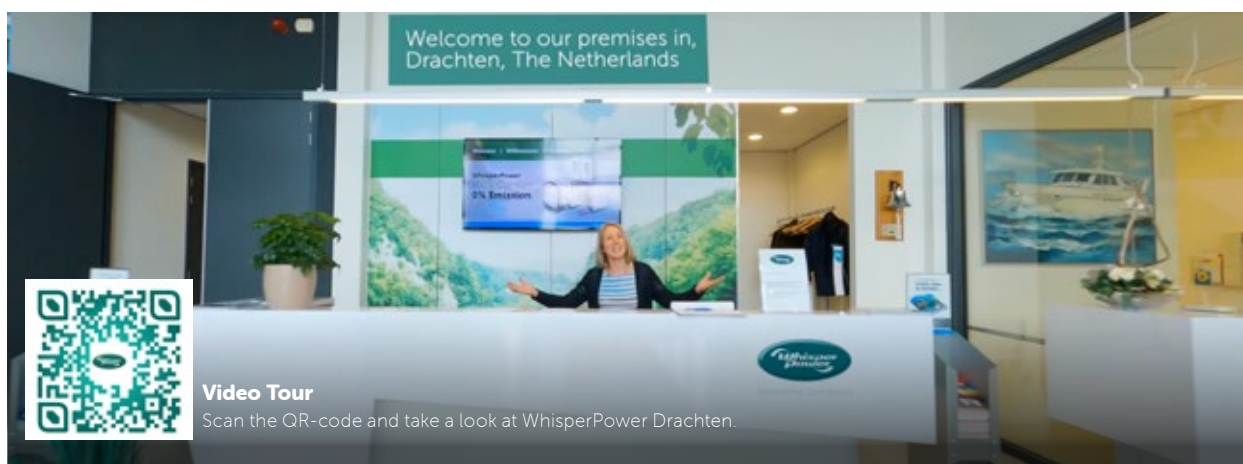


In-house production

A large proportion of WhisperPower's production takes place in a modern 5500 m² 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



Video Tour

Scan the QR-code and take a look at WhisperPower Drachten.

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.

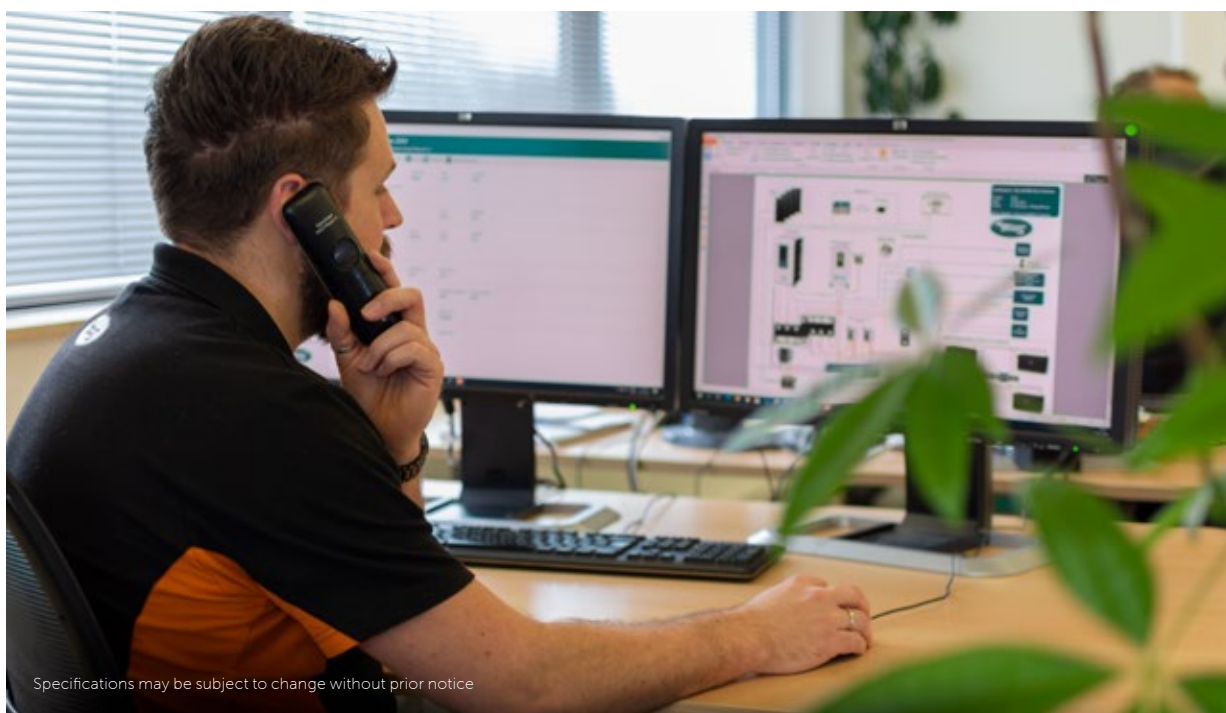
They take pride in helping you make the right plans for your system's exact needs, be it the installation of a Genverter® or generator or more comprehensive and complex systems. We design a fit for purpose system with optimum efficiency. This hard and fast rule also applies if you are combining a generator 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.



Specifications may be subject to change without prior notice

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

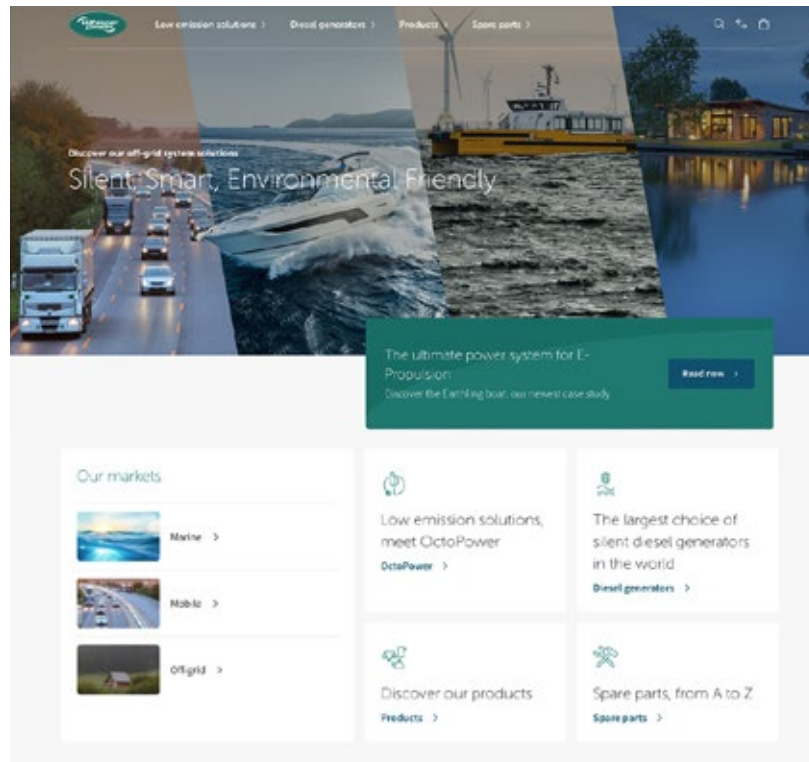
Knowledge and expertise form the foundation for the best possible service. Every WhisperPower technical sales partner has up-to-date knowledge and the benefit of our global experience. Regular training courses ensure our specialists stay abreast with and well informed about all of our products, both 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 down time to a minimum, trouble shooting 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 WarrantyPlan. This plan covers as standard the costs of repairs and/or replacement of defective parts when products are used in 'normal' circumstances. The conditions for the WhisperPower WarrantyPlan are specific to the product and the use thereof in your system. The standard warranty term for equipment is two years. With an authorised system installations maintenance contract, the warranty term can be extended to five years. For electronic equipment and components, the standard product warranty is 5 years.

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

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

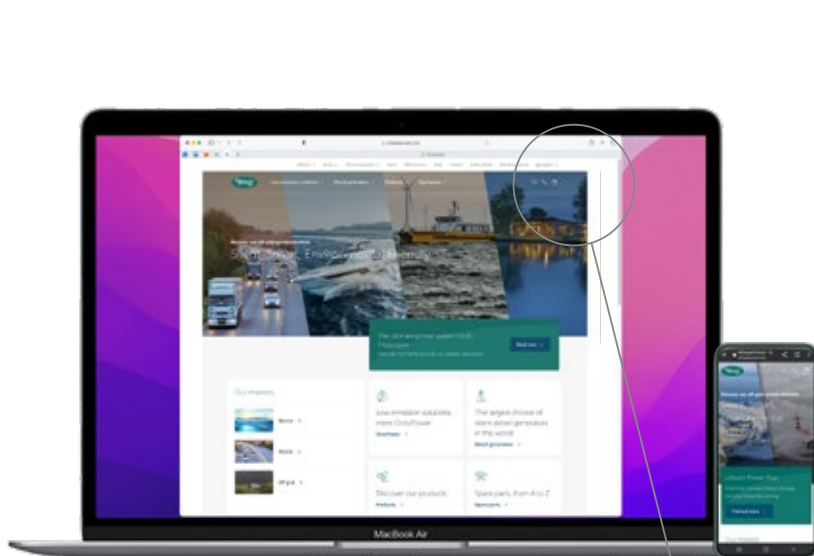
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(English/ German/Spanish/French/Italian/Dutch)

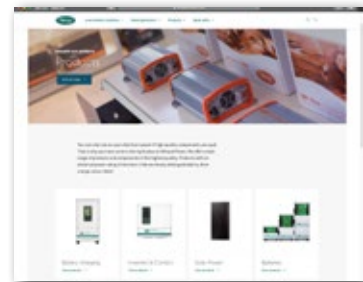
Available documentation



(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



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