

# WhisperPower Book #3

# Supersilenced Marine Generators

Commercial Marine



Recreational Marine



Navy | Offshore



Premium Power Solutions

[whisperpower.com](http://whisperpower.com)

# Index | Contents



**The certainty of non-stop onboard power**

Anywhere, any time,  
under the most challenging conditions

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.

## Silenced Diesel Generators



Piccolo Series - AC output 120 / 230 VAC 8

Piccolo - AC



Piccolo Twin Power - AC output 120 / 230 VAC 28

Piccolo - Twin



Piccolo Series - DC output 24 / 48 VDC 34

Piccolo - DC

## Generate



M-SQ Series 1500 / 1800 rpm 46

M-SQ

## Installation



Installation Parts 60

Spare Parts

## Hybrid



OctoPower System Solutions 66

OctoPower

## Control



Monitoring & Control 70

- Genverter control
- DDC remote control
- DeepSea Control
- WhisperTouch Control

Monitoring

## General



Global Service & Support 74

Service

## Generating Power, the WhisperPower approach

# Smaller, lighter, quieter and cleaner

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

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

### Hybrid variants

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

Explore our website and discover our extended range of OctoPower products and systems.  
[www.whisperpower.com](http://www.whisperpower.com).

### Service & support on location

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

## Advanced Monitoring and Control – WhisperCare

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




**INVERTER  
BASED**

## Super Compact & Low Weight

# From 4.4-18 (Twin 12-36) 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

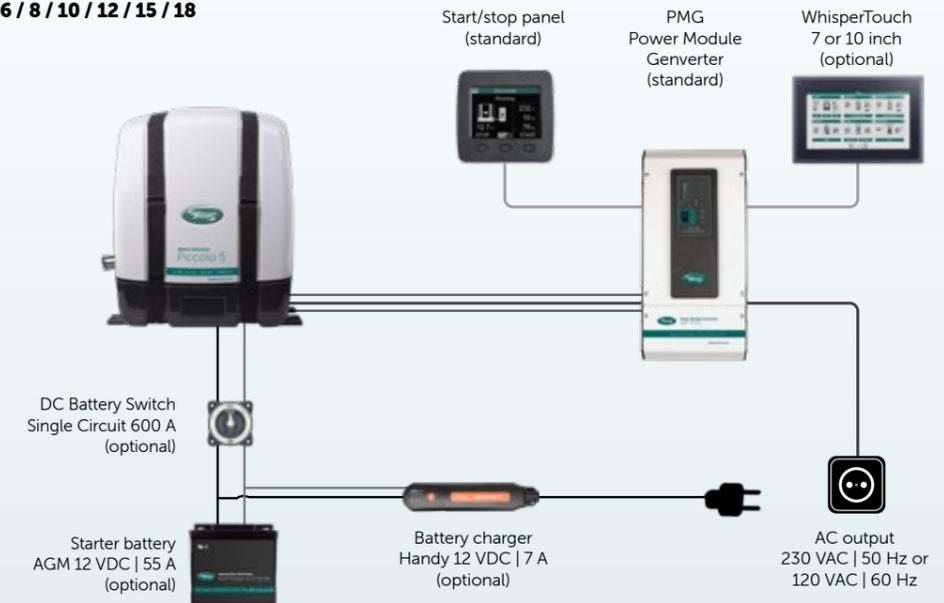
- ➔ Power ratings from 4.4 – 18 kVA
- ➔ Superior single phase AC Power (230 VAC | 50 Hz, 120 VAC | 60 Hz) output
- ➔ Optional 24/48 VDC output via DC PowerCube



- ➔ Compact, light weight and extremely silent
- ➔ Indirect cooling of engine and back-end (> 1 cyl)
- ➔ 3 or 10 Inch Touch panel (optional)

## System Configuration Key Components

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



## Genverter Essential accessories



All Piccolo models are delivered as standard with a OctoView 3 inch remote control panel and 6 meters of connection cable with telejack connectors. a 10 inch WhisperTouch panel is 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



	PICCOLO 4	PICCOLO 5	PICCOLO 6	PICCOLO 8	PICCOLO 10	PICCOLO 12	PICCOLO 15	PICCOLO 18
Adjustable 120 VAC   60 Hz	→ 49002055	-	49004055	49005055	49009055	49006155	49007055	49008055
Adjustable 230 VAC   50 Hz	→ -	49003005	49004005	49005005	49009005	49006005	49007005	49008005
Ungrounded 120 VAC   60 Hz	→ 49002056	-	49004056	49005056	49009056	49006156	49007056	49008056
Ungrounded 230 VAC   50 Hz	→ -	49003006	49004006	49005006	49009006	49006006	49007006	49008006
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		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	
	Intermittent Power kW at 25°C (77°F)	3.5 kW		3.5 kW		6 kW		6.4 kW		6 kW		8.5 kW		9.6 kW		10 kW		12.5 kW		15 kW
Continuous Power kVA at 25°C (77°F)	3.5 kVA		4.4 kVA		6 kVA		8 kVA		6 kVA		10 kVA		10 kVA		12 kVA		15 kVA		18 kVA	
Continuous Power kW at 25°C (77°F)	3 kW		3 kW		5.5 kW		6 kW		6 kW		8 kW		9 kW		9.6 kW		12 kW		15kW	
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		51 dB(A) at 7 m, 60 dB(A) at 1 m		51 dB(A) at 7 m, 60 dB(A) at 1 m		51 dB(A) at 7 m, 60 dB(A) at 1 m		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			
Rpm range	3000 rpm, adjustable		3000 rpm, adjustable or automatic		2400 - 3000 rpm, adjustable		2400 - 2800 rpm, adjustable		2400 - 2800 rpm, adjustable		2400 - 2800 rpm, adjustable		2800 - 3300 rpm, adjustable		2200 - 3200 rpm, adjustable		2000 - 2600 rpm, adjustable			
Alternator technology	Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet	
Generator cooling	Air cooled		Air cooled		Air cooled		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling		Indirect water-cooling	
Output Regulation	PMG		PMG		PMG		DDC		DDC		DDC		DDC		DDC		DDC		DDC	
Control Panel	PMG + PMG Remote		PMG + PMG Remote		PMG + PMG Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote	
Inverter Module PMG Frame	Frame 1		Frame 1		Frame 1		Frame 2		Frame 1		Frame 2		Frame 3		Frame 2		Frame 3		Frame 3	
Phase/wire	1 phase, 3 wires		1 phase, 3 wires		1 phase, 3 wires		1 phase, 3 wires		1 phase, 3 wires		1 phase, 3 wires		split phase, 4 wires		1 phase, 3 wires		split phase, 4 wires		1 phase, 3 wires	
Peak power 200 msec	200%		200%		200%		200%		200%		200%		200%		200%		200%		200%	
Harmonic distortion	< 5%		< 5%		< 5%		< 3%		< 3%		< 3%		< 3%		< 3%		< 3%		< 3%	
Frequency tolerance	± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%		± 0,1%	

DIESEL ENGINE SPECIFICATIONS		PICCOLO 4	PICCOLO 5	PICCOLO 6	PICCOLO 8	PICCOLO 10	PICCOLO 12	PICCOLO 15	PICCOLO 18
Engine		WP1	WP1	Kubota Z482-E4B EPA + Stage V	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
Displacement		309 cc 18.9 cu. In.	309 cc 18.9 cu. In.	479 cc 29.2 cu. In.	479 cc 29.2 cu. In.	719 cc 43.9 cu. In.	719 cc 43.9 cu. In.	1123 cc 68.5 cu. In.	1489 cc 90.9 cu. In.
Cylinders		1	1	2	2	3	3	3	4
Bore & stroke	mm : In. :	78 x 67 3 x 2.6	78 x 67 3 x 2.6	67 x 68 2.6 x 2.7	67 x 68 2.6 x 2.7	67 x 68 2.6 x 2.7	67 x 68 2.6 x 2.7	78 x 78.4 mm 3 x 3.1 In.	78 x 78.4 3 x 3.1
Compression ratio		21.1	21.1	23.5	23.5	23.5	23.5	24.0	24.0
Air consumption	m <sup>3</sup> /min : ft <sup>3</sup> / min :	< 0.42 < 14.8	< 0.42 < 14.8	< 0.95 < 33.5	< 0.95 < 33.5	< 1.22 < 43.1	< 1.22 < 43.1	< 1.47 < 51.6	< 2.45 < 86.5
Cooling system		Heat exchanger	Heat exchanger	Heat exchanger	Heat exchanger	Heat exchanger	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	275 g/kWh	275 g/kWh	275 g/kWh	275 g/kWh	275 g/kWh
Starter battery charge method/ current		Handy charger 12 VDC   7A	Handy charger 12 VDC   7A	Handy charger 12 VDC   7A	Alternator 12 VDC   12.5 A	Alternator 12 VDC   40 A			

DIMENSIONS & WEIGHT		PICCOLO 4	PICCOLO 5	PICCOLO 6	PICCOLO 8	PICCOLO 10	PICCOLO 12	PICCOLO 15	PICCOLO 18
Dimensions (cabinet)	mm : (W x D x H) 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	530 x 500 x 545 20.9 x 19.7 x 21.5	660 x 550 x 622 26 x 21.7 x 24.5	740 x 550 x 620 29.1 x 21.7 x 24.4	740 x 550 x 620 29.1 x 21.7 x 24.4	880 x 570 x 690 34.6 x 22.4 x 27.2	990 x 560 x 705 39 x 22 x 27.8
Dry weight (cabinet)		68 kg 149.9 lb.	68 kg 149.9 lb.	113 kg 249.1 lb.	154 kg 339.5 lb.	175 kg 385.8 lb.	175 kg 385.8 lb.	210 kg 463 lb.	230 kg 507.1 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	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
Max. Operating angle		25° in all directions	25° in all directions	25° in all directions	25° in all directions	25° in all directions	25° in all directions	25° in all directions	25° in all directions

START/STOP & MONITORING		PICCOLO 4	PICCOLO 5	PICCOLO 6	PICCOLO 8	PICCOLO 10	PICCOLO 12	PICCOLO 15	PICCOLO 18
Standard		OctoView 3	OctoView 3	OctoView 3	DDC *)				
Optional		Touch 10 inch							

\*) From Q2 2026 DDC panel will be replaced with OctoView 3



## Genverter® Piccolo 4/5 | 1 cylinder

# How it works

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%
- 120 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.



## Marine Generator Piccolo 4 Piccolo 5



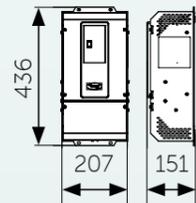
Available as:

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)



### Standard start/stop & Monitoring



OctoView 3". Incl. 6 metre cable

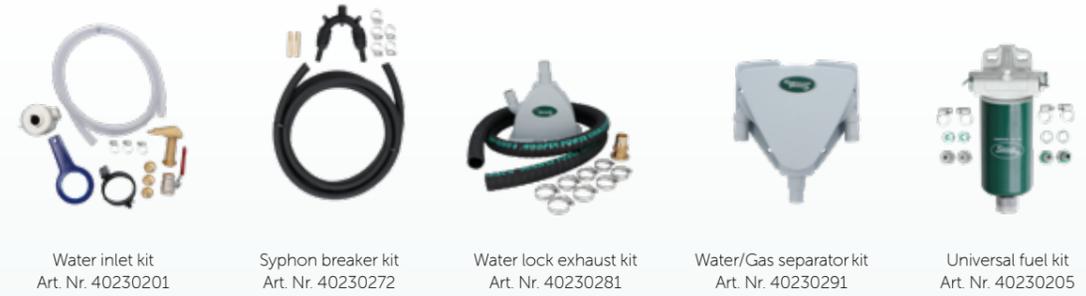
	PICCOLO 4 120 VAC   60 Hz	PICCOLO 5 230 VAC   50 Hz
Adjustable speed →	49002055	49003005
Ungrounded →	49002056	49003006
Variable speed →	49012055	49013005
Variable speed/ Ungrounded →	49012056	49013006

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 <sup>3</sup> /min/(ft <sup>3</sup> /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

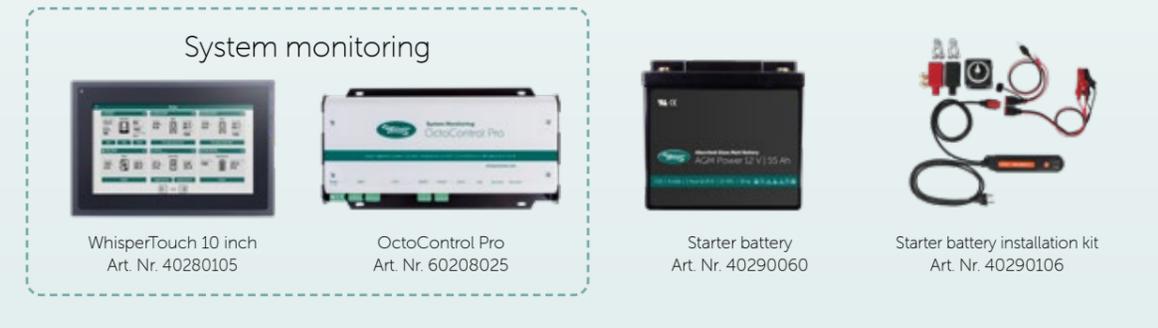
DIMENSIONS & WEIGHT		
Dimensions Cabinet (W x D x H)	mm : 450 x 470 x 520 In. : (17.7 x 18.5 x 20.5)	450 x 470 x 520 (17.7 x 18.5 x 20.5)
Dimensions PMG (W x D x H)	mm : 207 x 151 x 436 In. : 8.1 x 5.9 x 17.2	207 x 151 x 436 8.1 x 5.9 x 17.2
Dry weight (cabinet + PMG)	kg : 68 + 7.6 lb. : 149.9 + 16.8	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



ACCESSORIES & OPTIONS FOR PICCOLO 4/5		
Article number	Definition	
40230201	Water inlet kit	12.5 mm (1/2")
40230272	Syphon breaker kit	12.5 mm (1/2")
40230281	Waterlock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40230208	Base plate kit aluminium	(W x D x H) 600 x 400 x 20 mm
40280105	System panel	WhisperTouch 5" - Piccolo/Scalino Genverter operation *)
60208025	System monitoring	OctoControl Pro
40290060	Starter battery	AGM Power - 12 VDC   55 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 5" is optional



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





# Genverter® Piccolo Range | 2/3/4 cylinder How it works

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 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



Supplied as standard with the Piccolo 6 and 8 OctoView 3" panel



Supplied as standard with the Piccolo 10, 12, 15 and 18 DDC panel and DDC connection box



Optional TOUCH 7" or 10" 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.

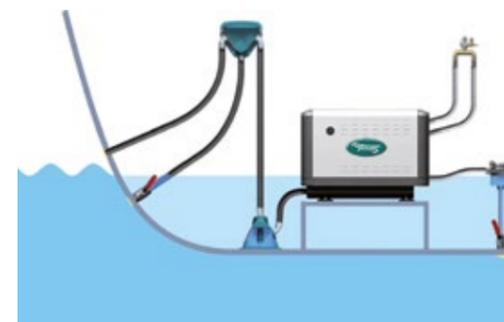


Pre installed cabling for easy installation



### OctoPower system

Turn it around! Install a high power inverter for all your AC consumers and a small Genverter generator, 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 clem, a water inlet kit with strainer, a siphon breaker kit, a fuel filter, a starter battery kit etc.



## Marine Generator Piccolo 6



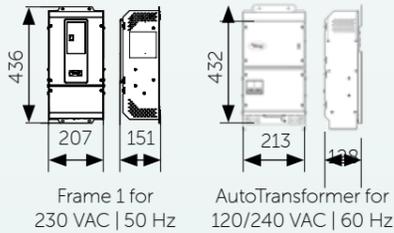
Available as:

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

### Dimensions Piccolo 6



### PMG or AutoTransformer included



### Standard start/stop & Monitoring



OctoView 3". Incl. 6 metre cable

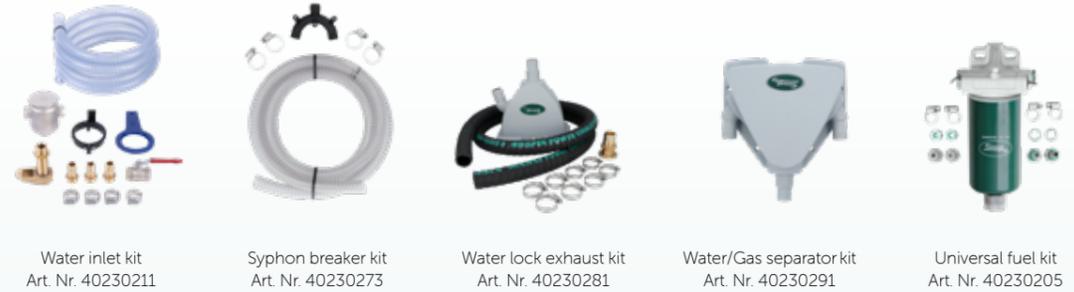


Adjustable	120 VAC   60 Hz	Art. Nr. 49004055
Adjustable	230 VAC   50 Hz	Art. Nr. 49004005
Ungrounded	120 VAC   60 Hz	Art. Nr. 49004056
Ungrounded	230 VAC   50 Hz	Art. Nr. 49004006

PICCOLO 6	
Genverter based on Kubota Z482-E4B	
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

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 (keel-cooling closed)
Alternator	12.5 A
Operating principle	Energize to run
Starter power requirement	0.8 kW
Nominal operation voltage	12 VDC
Monitoring and control	ECU in Power Module
Protections	Oil temperature and pressure, exhaust/coolant temperature [dry/wet exhaust]
Local control	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 (W x D x H)	mm : In. :	530 x 500 x 545 20.8 x 19.6 x 21.5	
Dimensions PMG / AutoTransformer (WxDxH)	mm : In. :	207 x 151 x 436 8.1 x 5.9 x 17.2	213 x 128 x 432 8.4 x 5.0 x 17.0
Dry weight (cabinet + PMG)	kg : lb. :	113 + 7.6 319.7 + 16.8	113 + 9 319.7 + 19.8
Color		RAL9010 signal white, RAL9020 metallic black	



### ACCESSORIES & OPTIONS FOR PICCOLO 6

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included *)
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC   80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

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



### USEFUL ACCESSORIES FOR PICCOLO 6

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





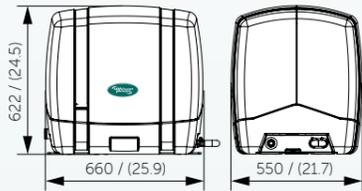
# Marine Generator Piccolo 8



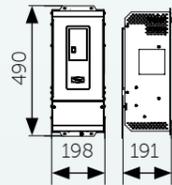
Available as:

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

### Standard start/stop & Monitoring



OctoView 3". Incl. 6 metre cable



Go to  
**page 64**  
for keel  
cooling

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

## 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)	

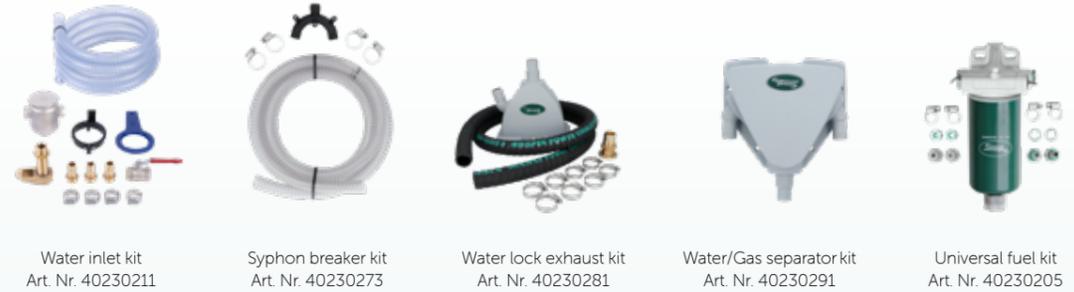
Available options	installation kits, non-earth return (ungrounded), spare parts kit, longer or shorter DDC cables
-------------------	---

### 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 m <sup>3</sup> /min (< 33.5 ft <sup>3</sup> /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 In. : 26 x 21.7 x 24.5
Dimensions PMG	mm : 198 x 191 x 490 In. : 7.8 x 7.5 x 19.3
Dry weight (cabinet + PMG)	kg : 155 + 9.9 lb. : 319.7 + 21.8
Color	RAL9010 signal white, RAL9020 metallic black



### ACCESSORIES & OPTIONS FOR PICCOLO 8

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included *)
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC   80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended



### USEFUL ACCESSORIES FOR PICCOLO 8

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



Lubricant oil Art. Nr. 40222244    Coolant Art. Nr. 40222214    A-kit maintenance parts Art. Nr. 40401770    B-kit maintenance parts Art. Nr. 40401771



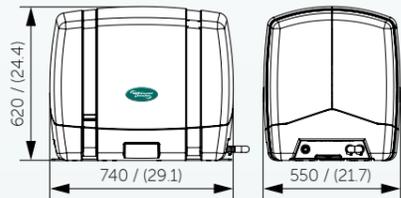
# Marine Generator Piccolo 10



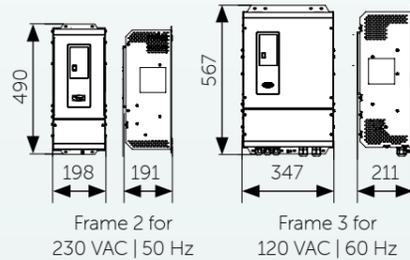
Available as:

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



Go to  
**page 64**  
for keel cooling

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

## 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 : 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 In. : 7.8 x 7.5 x 19.3	mm : 347 x 211 x 567 In. : 13.7 x 8.3 x 22.3
Dry weight (cabinet + PMG)	kg : 175 + 9.9 lb. : 385.8 + 21.8	kg : 175 + 30 lb. : 385.8 + 66.1
Color	RAL9010 signal white, RAL9020 metallic black	



Water inlet kit  
Art. Nr. 40230211



Syphon breaker kit  
Art. Nr. 40230273



Water lock exhaust kit  
Art. Nr. 40230281



Water/Gas separator kit  
Art. Nr. 40230291



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR PICCOLO 10

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290031



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR PICCOLO 10

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 40401770



B-kit maintenance parts  
Art. Nr. 40401772



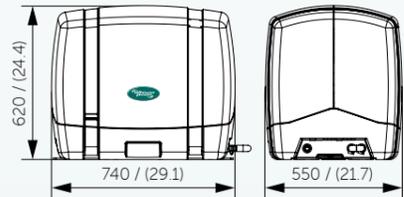
# Marine Generator Piccolo 12



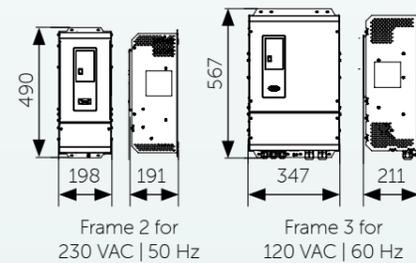
Available as:

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

### Dimensions Piccolo 12



### PMG included (Frame 2 or 3)



Frame 2 for 230 VAC | 50 Hz      Frame 3 for 120 VAC | 60 Hz

### DDC remote control panel



Go to  
**page 64**  
for keel cooling

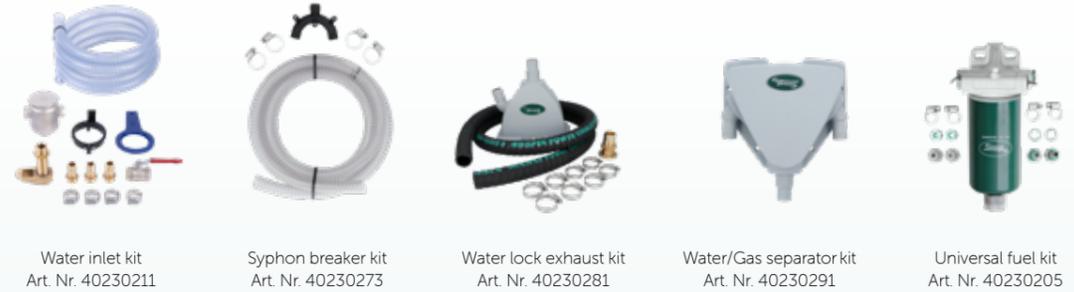
Adjustable 120/240 VAC | 60 Hz Art. Nr. 49006155  
Adjustable 230 VAC | 50 Hz Art. Nr. 49006005  
Ungrounded 120/240 VAC | 60 Hz Art. Nr. 49006156  
Ungrounded 230 VAC | 50 Hz Art. Nr. 49006006

## 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 <sup>3</sup> /min / < 43.1 ft <sup>3</sup> /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 : 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	



### ACCESSORIES & OPTIONS FOR PICCOLO 12

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended



### USEFUL ACCESSORIES FOR PICCOLO 12

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





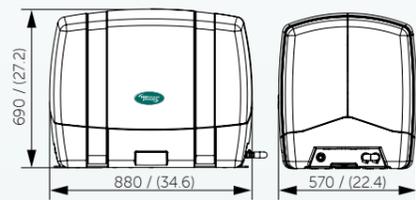
# Marine Generator Piccolo 15



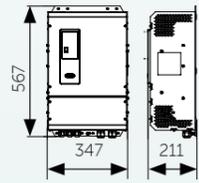
Available as:

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)



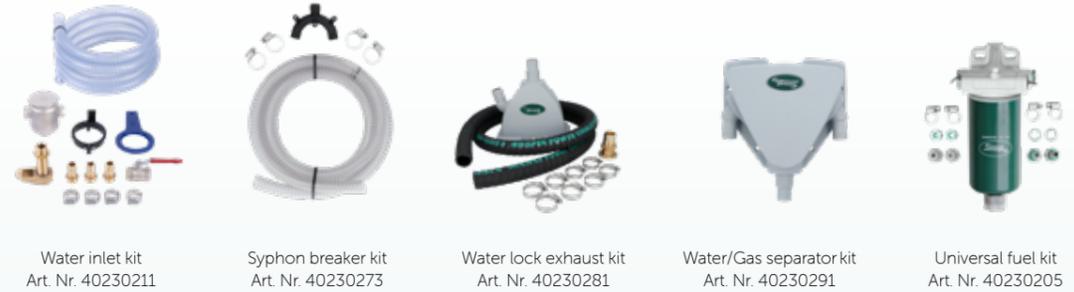
### DDC remote control panel



Go to  
**page 64**  
for keel cooling

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

		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 m³/min / 51.9 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	mm : In. :	880 x 570 x 690 34.6 x 22.4 x 27.2	
Dimensions PMG	mm : In. :	347x 211 x 567 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	



ACCESSORIES & OPTIONS FOR PICCOLO 15			
Article number	Definition		
40230211	Water inlet kit	20 mm (3/4")	
40230273	Syphon breaker kit	20 mm (3/4")	
40230281	Water lock exhaust kit	40 mm (1 5/8")	
40230291	Water/Gas separator kit	40/40/40 (1 5/8")	
40230205	Universal fuel kit		
40280101	System panel	WhisperTouch 7"- connection cable included *)	
60208025	System monitoring	OctoControl Pro	
40290031	Starter battery	AGM Power - 12 VDC   100 Ah	
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A	

\*) WhisperTouch 7" Full color is optional and recommended



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





# Marine Generator Piccolo 18



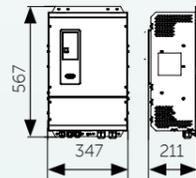
Available as:

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

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



Water inlet kit  
Art. Nr. 40230211



Syphon breaker kit  
Art. Nr. 40230273



Water lock exhaust kit  
Art. Nr. 40230282



Water/Gas separator kit  
Art. Nr. 40230292



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR PICCOLO 18

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230282	Water lock exhaust kit	51/51 mm (2")
40230292	Water/Gas separator kit	51/40/51 (2")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended

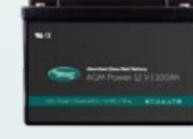
### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290031



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR PICCOLO 18

Article number	Definition		
4022244	Lubricant oil	WPL-15W40 General, 4 liters	2 containers required
4022214	Coolant	WPL-Coolant G12+, 4 liters	2 containers required
40401863	A-kit maintenance parts		
40401864	B-kit maintenance parts		



Lubricant oil  
Art. Nr. 4022244



Coolant  
Art. Nr. 4022214



A-kit maintenance parts  
Art. Nr. 40401863



B-kit maintenance parts  
Art. Nr. 40401864



## Twin Power

# Double the power, reduce fuel and maintenance costs

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



**1+1=3**  
more benefits than just two Generators

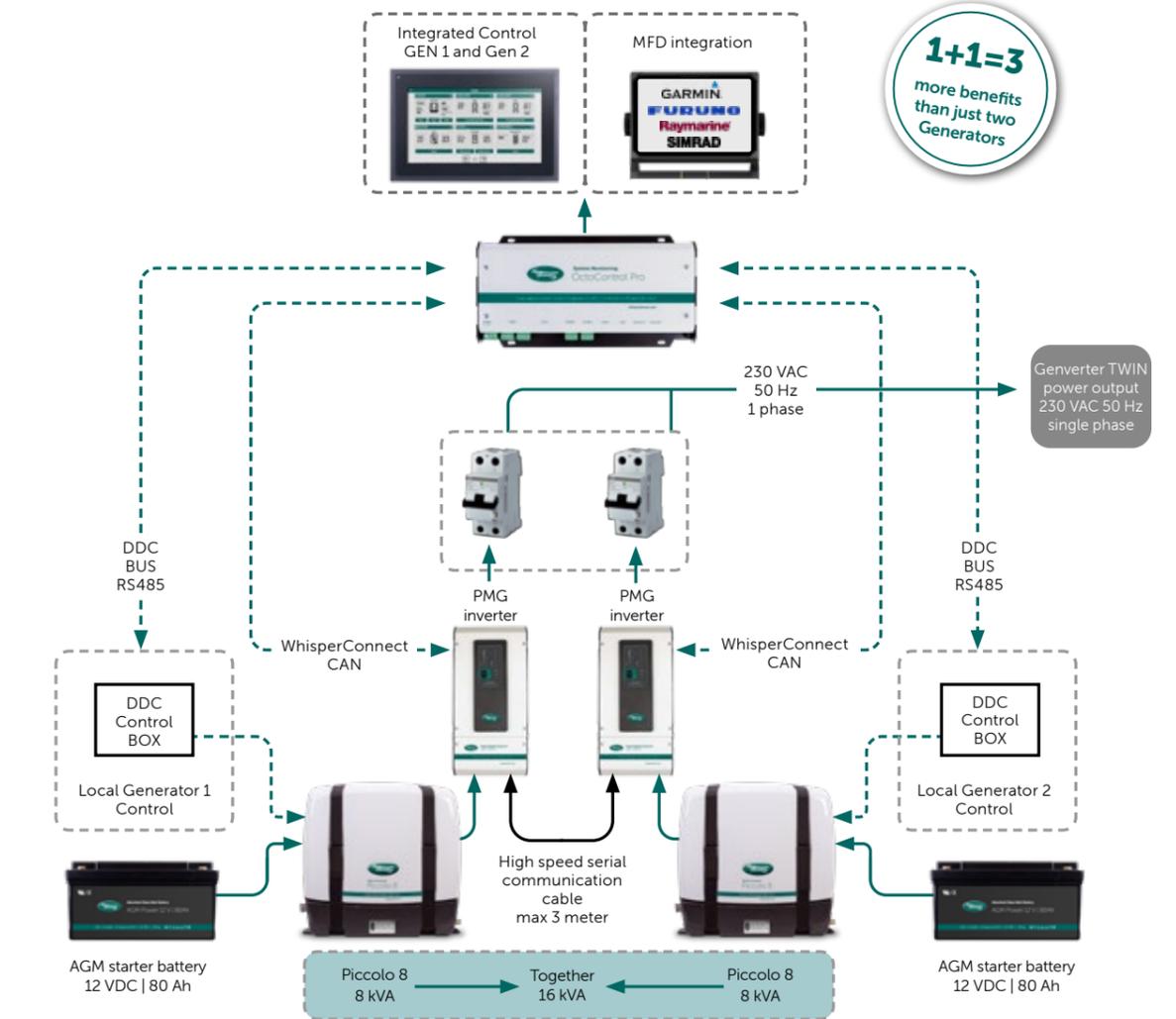
## Important system benefits

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

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

### Cost saving and redundant

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



### 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		PICCOLO TWIN 12+12		PICCOLO TWIN 15+15		PICCOLO TWIN 18+18	
<b>50 Hz/60 Hz   Twin</b> →	49005080		49009080		49006080		49007080		49008080	
MAIN SPECIFICATIONS	Single mode	Twin mode	Single mode	Twin mode	Single mode	Twin mode	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	9.6 kW	19.2 kW	12.5 kW	25 kW	15 kW	30 kW
Continuous Power kVA at 25°C (77°F)	8 kVA	16 kVA	10 kVA	20 kVA	10 kVA	20 kVA	15 kVA	30 kVA	18 kVA	36 kVA
Continuous Power kW at 25°C (77°F)	6 kW	12 kW	8 kW	16 kW	9 kW	18 kW	12 kW	24 kW	15 kW	30 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		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	
Rpm range, adjustable	2400 - 2800 rpm		2400 - 2800 rpm		2200 - 3600 rpm		2200 - 3600 rpm		2000 - 2400 rpm	
Alternator technology	Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet		Permanent Magnet	
Generator cooling	Liquid cooled		Liquid cooled		Liquid cooled		Liquid cooled		Air cooled	
Generator control	DDC (2pcs)		DDC (2pcs)		DDC (2pcs)		DDC (2pcs)		DDC (2pcs)	
Control Panel	DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote		DDC Local + DDC Remote	
Inverter Module PMG	PMG frame 2 (2pcs)		PMG frame 2 (2pcs)		PMG frame 2 (2pcs)		PMG frame 3 (2pcs)		PMG frame 2 (2pcs)	
Twin Power Communication Cable	Max. 3 meters		Max. 3 meters		Max. 3 meters		Max. 3 meters		Max. 3 meters	
Nominal voltage / frequency	230 VAC   50/60 Hz		230 VAC   50/60 Hz		230 VAC   50/60 Hz		230 VAC   50/60 Hz		230 VAC   50/60 Hz	
Phase/wire	1 Phase / 3 wire		1 Phase / 3 wire		1 Phase / 3 wire		1 Phase / 3 wire		1 Phase / 3 wire	
Peak power 2 s	200%		200%		200%		200%		200%	
Harmonic distortion	< 3%		< 3%		< 3%		< 3%		< 5%	
Frequency tolerance	± 0.1%		± 0.1%		± 0.1%		± 0.1%		± 0.1%	
DIESEL ENGINE SPECIFICATIONS										
Engine	WhisperPower Kubota Z482		WhisperPower Kubota D722		WhisperPower Kubota D722		WhisperPower Kubota D1105		WhisperPower Kubota V1505	
Displacement	479 cc / 29.3 cu. In.		719 cc / 43.8 cu. In.		719 cc / 43.8 cu. In.		1.123 cc / 68.5 cu. In.		1.489 cc / 90.9 cu. In.	
Cylinders	2		3		3		3		4	
Bore & stroke	mm :	67 x 68	mm :	67 x 68	mm :	67 x 68	mm :	78 x 78.4	mm :	78 x 78.4
	In. :	2.6 x 2.7	In. :	2.6 x 2.7	In. :	2.6 x 2.7	In. :	3.0 x 3.1	In. :	3.0 x 3.1
Compression ratio	23.5		23.5		23.5		24.0		24.0	
Air consumption	m <sup>3</sup> /min :	< 0.63 (per unit)	m <sup>3</sup> /min :	< 0.94 (per unit)	m <sup>3</sup> /min :	< 0.94 (per unit)	m <sup>3</sup> /min :	< 1.47 (per unit)	m <sup>3</sup> /min :	< 1.47 (per unit)
	ft <sup>3</sup> /min :	< 22.2 (per unit)	ft <sup>3</sup> /min :	< 33.2 (per unit)	ft <sup>3</sup> /min :	< 33.2 (per unit)	ft <sup>3</sup> /min :	< 51.9 (per unit)	ft <sup>3</sup> /min :	< 51.9 (per unit)
Cooling system	Heat exchanger		Heat exchanger		Heat exchanger		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)		2.6-3.8 l/hr (per unit)		4.2-5.6 l/hr (per unit)		4.2-5.6 l/hr (per unit)	
Starter battery charge method/ current	Alternator 12 VDC   12.5 A		Alternator 12 VDC   12.5 A		Alternator 12 VDC   12.5 A		Alternator 12 VDC   12.5 A		Alternator 12 VDC   40 A	
DIMENSIONS & WEIGHT										
Dimensions (cabinet)	mm :	660 x 550 x 622 /each	mm :	740 x 550 x 620 /each	mm :	880 x 570 x 690 /each	mm :	880 x 570 x 690 /each	mm :	990 x 560 x 705 /each
(W x D x H)	In. :	26 x 21.7 x 24.5 /each	In. :	29.1 x 21.7 x 24.4 /each	In. :	34.6 x 22.4 x 27.2 /each	In. :	34.6 x 22.4 x 27.2 /each	In. :	39 x 22 x 27.8 /each
Dimensions (PMG)	mm :	198 x 191 x 490 /each	mm :	198 x 191 x 490 /each	mm :	347x 211 x 567 /each	mm :	347x 211 x 567 /each	mm :	347x 211 x 567 /each
(W x D x H)	In. :	7.8 x 7.5 x 19.3 /each	In. :	7.8 x 7.5 x 19.3 /each	In. :	13.7 x 8.3 x 22.3 /each	In. :	13.7 x 8.3 x 22.3 /each	In. :	13.7 x 8.3 x 22.3 /each
Dry weight (cabinet + PMG)	kg :	155 + 9.9 /each	kg :	175 + 9.9 /each	kg :	175 + 20 /each	kg :	210 + 20 /each	kg :	230 + 20 /each
	lb. :	341.7 + 21.8 /each	lb. :	385.8 + 21.8 /each.	lb. :	385.8 + 44.1 /each	lb. :	463 + 44.1 /each	lb. :	507.1 + 44.1 /each
Exhaust type	mm :	Ø 40, wet	mm :	Ø 40, wet	mm :	Ø 40, wet	mm :	Ø 40, wet	mm :	Ø 40, wet
	In. :	Ø 1.6, wet	In. :	Ø 1.6, wet	In. :	Ø 1.6, wet	In. :	Ø 1.6, wet	In. :	Ø 1.6, wet
Max. operating angle	25° in all directions		25° in all directions		25° in all directions		25° in all directions		25° in all directions	
OPTIONAL										
Optional 1	2 <sup>nd</sup> start/stop panel WhisperTouch full color panel 7" (2pcs)		2 <sup>nd</sup> start/stop panel WhisperTouch full color panel 7" (2pcs)		2 <sup>nd</sup> start/stop panel WhisperTouch full color panel 7" (2pcs)		2 <sup>nd</sup> start/stop panel WhisperTouch full color panel 7" (2pcs)		WhisperTouch color panel	
Optional 2	Ungrounded		Ungrounded		Ungrounded		Ungrounded		Ungrounded	
Optional 3	Keel Cooling		Keel Cooling		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

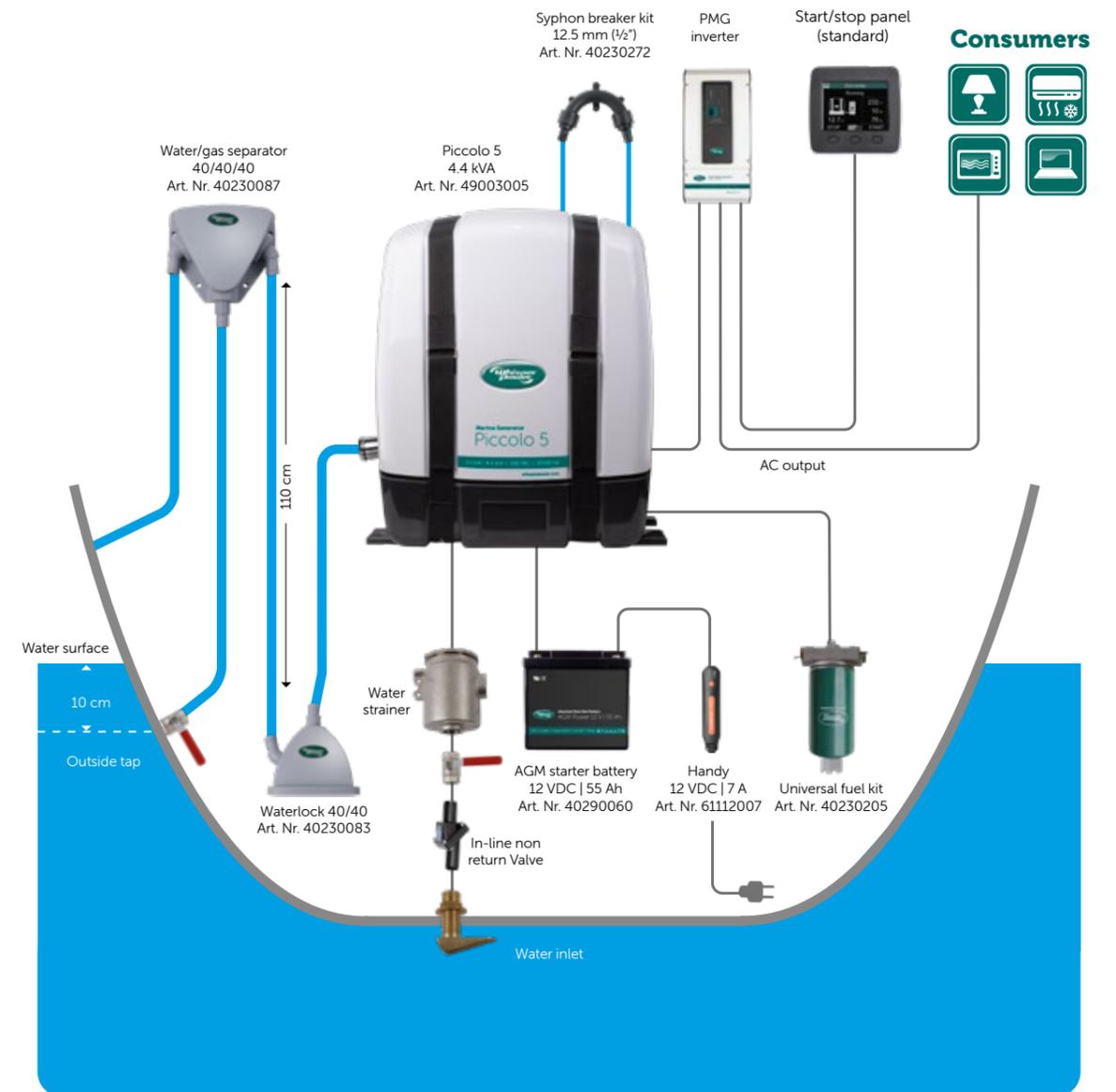
System explained

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.

Piccolo system example

230/120 VAC



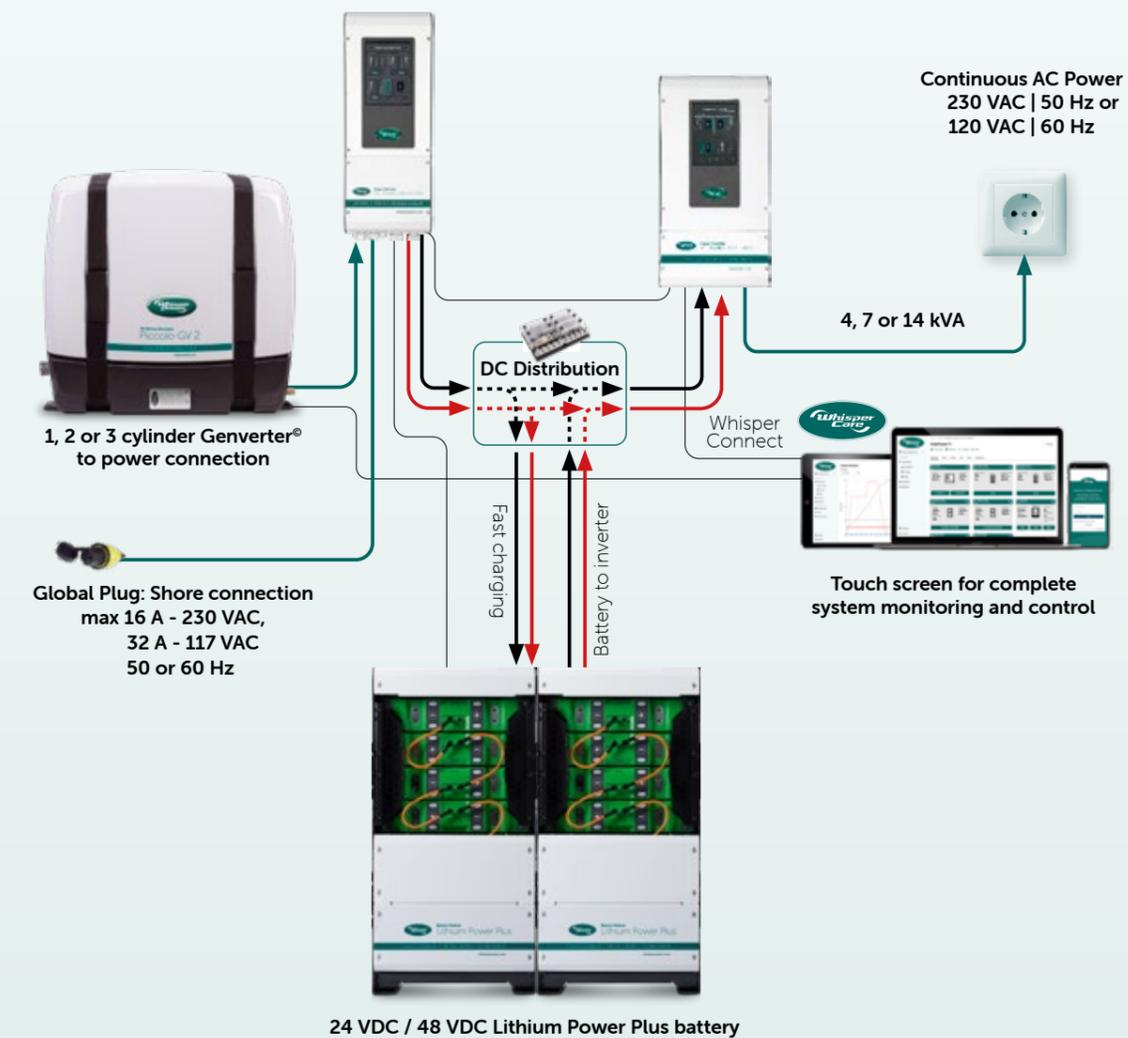


# Piccolo Genverter® DC generator/inverter system - 24 and 48 VDC

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

Whenever the 24 VDC / 48 VDC batteries need to be recharged, the Genverter® starts up automatically. At the same time, the DC PowerCube is connected to the shore power - during shore power connection, the various onboard batteries are charged with a

maximum of 120 A (3.5 kW). Using the remote control panel, supplied as standard, the shore power can be set to the required ampere value (4,6,8,10,16 A). The DC PowerCube also features a charging socket for 24 VDC batteries (or 48 VDC).



24 VDC / 48 VDC Lithium Power Plus battery

# Genverters Piccolo DC Range



# Genverters From AC to DC

12 VDC | 24 VDC



Piccolo 5 Art. Nr. 49003005



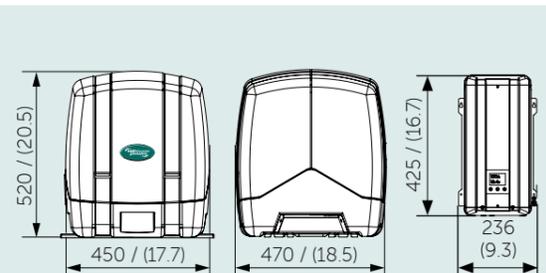
Supreme 12 | 100



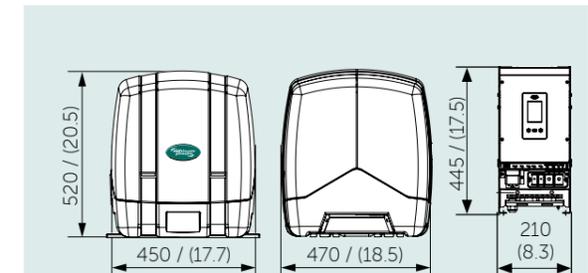
Piccolo 5 Art. Nr. 49003005



Supreme Pro 24 | 100



Dimensions in mm / (In.) Piccolo 5 & Supreme 12 | 100



Dimensions in mm / (In.) Piccolo 5 & Supreme Pro 24 | 100



## DC Marine Generator Piccolo GV 2



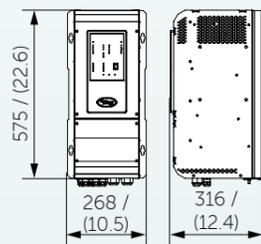
Available as:

24 VDC | 150 A  
48 VDC | 80 A

### Dimensions Piccolo GV 2



### Dimensions PowerCube (1 required)

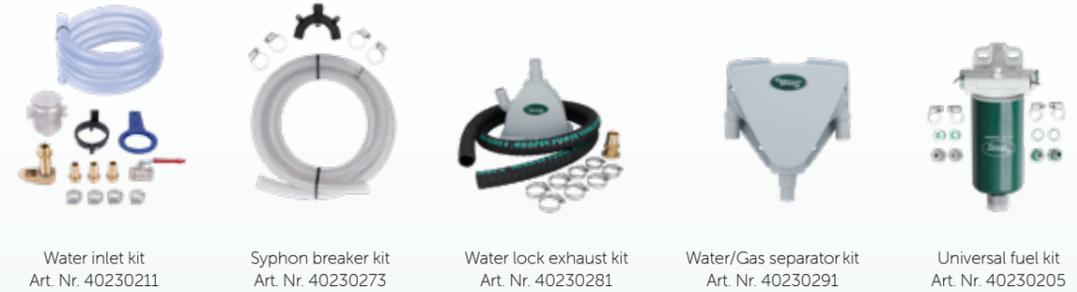


### DDC remote control panel



Go to  
**page 64**  
for keel  
cooling

		PICCOLO GV 2
Genverter	→	49001105
DC PowerCube 24 VDC   150 A	→	60202002
DC PowerCube 48 VDC   80 A	→	60202003
MAIN SPECIFICATIONS		
Charging current @ 24VDC / 48 VDC		150 A / 80 A
Max. system output		4.3 kW
Number of DC PowerCubes		1
Rpm range		2200 - 2800 rpm
Noise level		51 dB(A) at 7 m / 60 dB(A) at 1 m
Cooling		Shell and Tube Counter current
Exhaust		Wet type, 40mm (except ..030)
Speed governor		Mechanical
Starter battery capacity		12 VDC / 80 Ah
Standard supplies		fuel filter, fuel lift pump, user and installation manuals (models featuring DDC: digital remote panel, 10 m cable)
Available options		Installation kits, non-earth return (ungrounded), spare part kit, longer or shorter DDC cables
ENGINE		
Engine model		Kubota Z482
Emission Regulation		Tier 4, EPA & Stage V
Engine performance intermittent SAE J1349		9.32 kW @ 3600 rpm
Engine performance continuous SAE J1349		8.05 kW @ 3600 rpm
Number of cylinders		2
Displacement		0.479 l
Bore & stroke		67 x 68 mm
Air intake system		Naturally aspirated
Air consumption		0.95 m <sup>3</sup> /min
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption @ full load		275 g/kWh
Alternator		12.5 A
Operating principle		Energize to run
Starter power requirement		0.8 kW
Nominal operation voltage		12 VDC
Monitoring and control		Digital Diesel Control
Protections		Oil pressure, Coolant temperature, Exhaust temperature
Local control		Start/stop & maintenance
Service interval oil change		200 h
Lubricant		At least CF
Oil capacity		Approx. 2.1 l
DIMENSIONS & WEIGHT		
Dimensions cabinet (W x D x H)	mm : In. :	660 x 550 x 622 25.9 x 21.7 x 24.5
Dimensions DC PowerCube (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : lb. :	175 + (1 PowerCube) 26 385.8 + (1 PowerCube) 57.3
Color		RAL9010 signal white, RAL9020 metallic black



ACCESSORIES & OPTIONS FOR PICCOLO GV 2		
Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included *)
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC   80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended



USEFUL ACCESSORIES FOR PICCOLO GV 2			
Article number	Definition		
4022244	Lubricant oil	WPL-15W40 General, 4 liters	1 container required
4022214	Coolant	WPL-Coolant G12+, 4 liters	1 container required
40401770	A-kit maintenance parts		
40401772	B-kit maintenance parts		



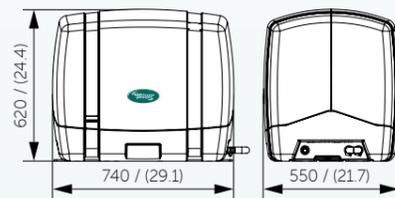


## DC Marine Generator Piccolo GV 3

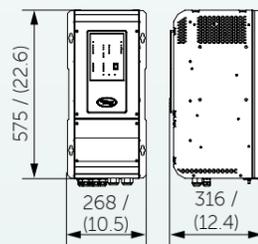


Available as:  
24 VDC | 300 A  
48 VDC | 160 A

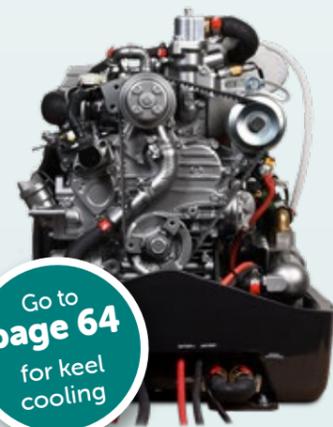
### Dimensions Piccolo GV 3 Plus



### Dimensions PowerCube (2 required)



### DDC remote control panel



Go to  
**page 64**  
for keel  
cooling

		PICCOLO GV 3
Genverter	→	49001305
DC PowerCube 24 VDC   150 A	→	60202002
DC PowerCube 48 VDC   80 A	→	60202003
<b>MAIN SPECIFICATIONS</b>		
Charging current @ 24VDC / 48 VDC		300 A / 160 A
Max. system output		8.6 kW
Number of DC PowerCubes		2
Rpm range		2200 - 2600 rpm
Noise level		51 dB(A) at 7 m / 60 dB(A) at 1 m
Cooling		Shell and Tube Counter current
Exhaust		Wet type, 40mm (except ..030)
Speed governor		Mechanical
Starter battery capacity		12 VDC / 80 Ah
Standard supplies		fuel filter, fuel lift pump, user and installation manuals (models featuring DDC: digital remote panel, 10 m cable)
Available options		Installation kits, non-earth return (ungrounded), spare part kit, longer or shorter DDC cables
<b>ENGINE</b>		
Engine model		Kubota D722
Emission Regulation		Tier 4, EPA & Stage V
Engine performance intermittent SAE J1349		14.0 kW @ 3600 rpm
Engine performance continuous SAE J1349		12.15 kW @ 3600 rpm
Number of cylinders		3
Displacement		0.719 l
Bore & stroke		67 x 68 mm
Air intake system		Naturally aspirated
Air consumption		1.22 m <sup>3</sup> /min
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption @ full load		275 g/kWh
Alternator		40 A
Operating principle		Energize to run
Starter power requirement		0.8 kW
Nominal operation voltage		12 VDC
Monitoring and control		Digital Diesel Control
Protections		Oil pressure, Coolant temperature, Exhaust temperature
Local control		Start/stop & maintenance
Service interval oil change		200 h
Lubricant		At least CF
Oil capacity		Approx. 3.2 l
<b>DIMENSIONS &amp; WEIGHT</b>		
Dimensions cabinet (W x D x H)	mm : In. :	740 x 550 x 620 29.1 x 21.7 x 24.4
Dimensions DC PowerCube (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : lb. :	175 + (2 PowerCubes) 26/each 385.8 + (2 PowerCubes) 57.3/each
Color		RAL9010 signal white, RAL9020 metallic black



Water inlet kit  
Art. Nr. 40230211



Syphon breaker kit  
Art. Nr. 40230273



Water lock exhaust kit  
Art. Nr. 40230281



Water/Gas separator kit  
Art. Nr. 40230291



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR PICCOLO GV 3

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7" - connection cable included *)
60208025	System monitoring	OctoControl Pro
40290061	Starter battery	AGM Power - 12 VDC   80 Ah
40290106	Starter battery installation kit	<100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended

System monitoring

WhisperTouch 10 inch  
Art. Nr. 40280105

OctoControl Pro  
Art. Nr. 60208025

Starter battery  
Art. Nr. 40290061

Starter battery installation kit  
Art. Nr. 40290106

### USEFUL ACCESSORIES FOR PICCOLO GV 3

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 40401770



B-kit maintenance parts  
Art. Nr. 40401772

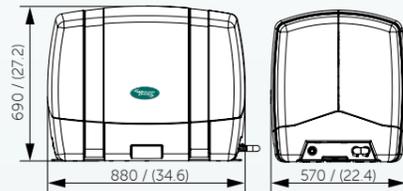


## DC Marine Generator Piccolo GV 3 Plus

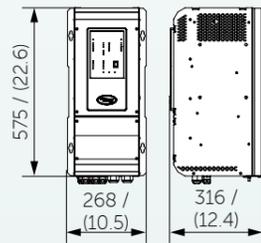


Available as:  
24 VDC | 416 A  
48 VDC | 208 A

### Dimensions Piccolo GV 3 Plus



### Dimensions PowerCube (3 required)



### DDC remote control panel



		PICCOLO GV 3 PLUS	
Genverter	→	49001505	
DC PowerCube 24 VDC   150 A	→	60202002	
DC PowerCube 48 VDC   80 A	→	60202003	
MAIN SPECIFICATIONS			
Charging current @ 24VDC / 48 VDC		416 A / 208 A	
Max. System output		10 kW	
Number of DC PowerCubes		3	
Rpm range		2400 - 2800 rpm	
Noise level		54 dB(A) at 7 m / 65 dB(A) at 1 m	
Cooling		Shell and Tube Counter current	
Exhaust		Wet type, 40mm (except ..030)	
Speed governor		Mechanical	
Starter battery capacity		12 VDC / 90 Ah	
Standard supplies		fuel filter, fuel lift pump, user and installation manuals (models featuring DDC: digital remote panel, 10 m cable)	
Available options		Installation kits, non-earth return (ungrounded), spare part kit, longer or shorter DDC cables	
ENGINE			
Engine model		Kubota D1105	
Emission Regulation		Tier 4, EPA & Stage V	
Engine performance intermittent SAE J1349		18.7 kW @ 3000 rpm	
Engine performance continuous SAE J1349		16.4 kW @ 3000 rpm	
Number of cylinders		3	
Displacement		1.123 l	
Bore & stroke		78 x 78.4 mm	
Air intake system		Naturally aspirated	
Air consumption		1.46 m <sup>3</sup> /min	
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)	
Fuel consumption @ full load		275 g/kWh	
Alternator		40 A	
Operating principle		Energize to run	
Starter power requirement		1.0 kW	
Nominal operation voltage		12 VDC	
Monitoring and control		Digital Diesel Control	
Protections		Oil pressure, Coolant temperature, Exhaust temperature	
Local control		Start/stop & maintenance	
Service interval oil change		200 h	
Lubricant		At least CF	
Oil capacity		Approx. 4.0 l	
DIMENSIONS & WEIGHT			
Dimensions cabinet (W x D x H)	mm : In. :	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	
Dry weight (cabinet + DC PowerCube)	kg : lb. :	210 + (3 PowerCubes) 26/each 463 + (3 PowerCubes) 57.3/each	
Color		RAL9010 signal white, RAL9020 metallic black	



Water inlet kit  
Art. Nr. 40230211



Syphon breaker kit  
Art. Nr. 40230273



Water lock exhaust kit  
Art. Nr. 40230281



Water/Gas separator kit  
Art. Nr. 40230291



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR PICCOLO GV 3 PLUS

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230281	Water lock exhaust kit	40 mm (1 5/8")
40230291	Water/Gas separator kit	40/40/40 (1 5/8")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290031



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR PICCOLO GV 3 PLUS

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 40401863



B-kit maintenance parts  
Art. Nr. 40401864



## DC Marine Generator Piccolo GV 4

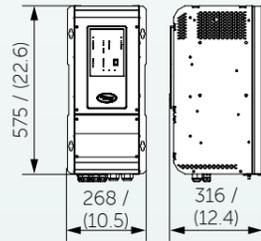


Available as:  
24 VDC | 450 A  
48 VDC | 240 A

### Dimensions Piccolo GV 4



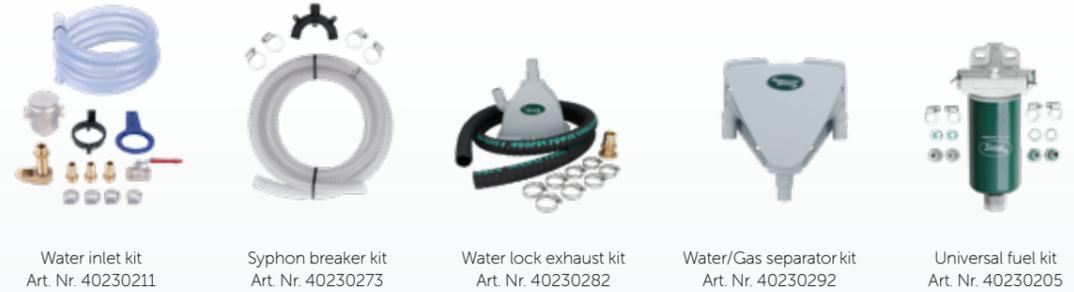
### Dimensions PowerCube (3 required)



### DDC remote control panel



		PICCOLO GV 4
Genverter	→	49001605
DC PowerCube 24 VDC   150 A	→	60202002
DC PowerCube 48 VDC   80 A	→	60202003
MAIN SPECIFICATIONS		
Charging current @ 24VDC / 48 VDC		450 A / 240 A
Max. system output		12 kW
Number of DC PowerCubes		3
Rpm range		2200 - 2600 rpm
Noise level		57 dB(A) at 7 m / 73 dB(A) at 1 m
Cooling		Shell and Tube Counter current
Exhaust		Wet type, 40mm (except ..030)
Speed governor		Mechanical
Starter battery capacity		12 VDC / 90 Ah
Standard supplies		fuel filter, fuel lift pump, user and installation manuals (models featuring DDC: digital remote panel, 10 m cable)
Available options		Installation kits, non-earth return (ungrounded), spare part kit, longer or shorter DDC cables
ENGINE		
Engine model		Kubota V1505
Emission Regulation		Tier 4, EPA & Stage V
Engine performance intermittent SAE J1349		18.5 kW @ 2300 rpm
Engine performance continuous SAE J1349		16.5 kW @ 2300 rpm
Number of cylinders		4
Displacement		1.489 l
Bore & stroke		78 x 78.4 mm
Air intake system		Naturally aspirated
Air consumption		2.45 m <sup>3</sup> /min
Fuel oil		Diesel fuel oil (ASTM No. 2-D, EN590)
Fuel consumption @ full load		275 g/kWh
Alternator		40 A
Operating principle		Energize to run
Starter power requirement		1.0 kW
Nominal operation voltage		12 VDC
Monitoring and control		WP-ECU
Protections		Oil pressure, Coolant temperature, Exhaust temperature
Local control		Start/stop & maintenance
Service interval oil change		200 h
Lubricant		At least CF
Oil capacity		Approx. 6.0 l
DIMENSIONS & WEIGHT		
Dimensions cabinet (W x D x H)	mm : In. :	990 x 560 x 705 38.9 x 22.0 x 27.8
Dimensions DC PowerCube (W x D x H)	mm : In. :	268 x 316 x 575 10.6 x 12.4 x 22.6
Dry weight (cabinet + DC PowerCube)	kg : lb. :	230 + (3 PowerCubes) 26/each 507 + (3 PowerCubes) 57.3/each
Color		RAL9010 signal white, RAL9020 metallic black

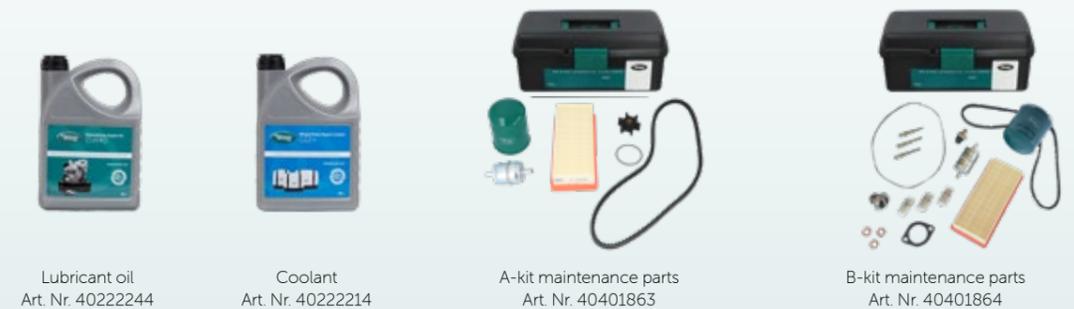


ACCESSORIES & OPTIONS FOR PICCOLO GV 4		
Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230282	Water lock exhaust kit	51/51 mm (2")
40230292	Water/Gas separator kit	51/40/51 (2")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended



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



# DC Generator system - our Octopower Power solution for 24 / 48 VDC

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

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

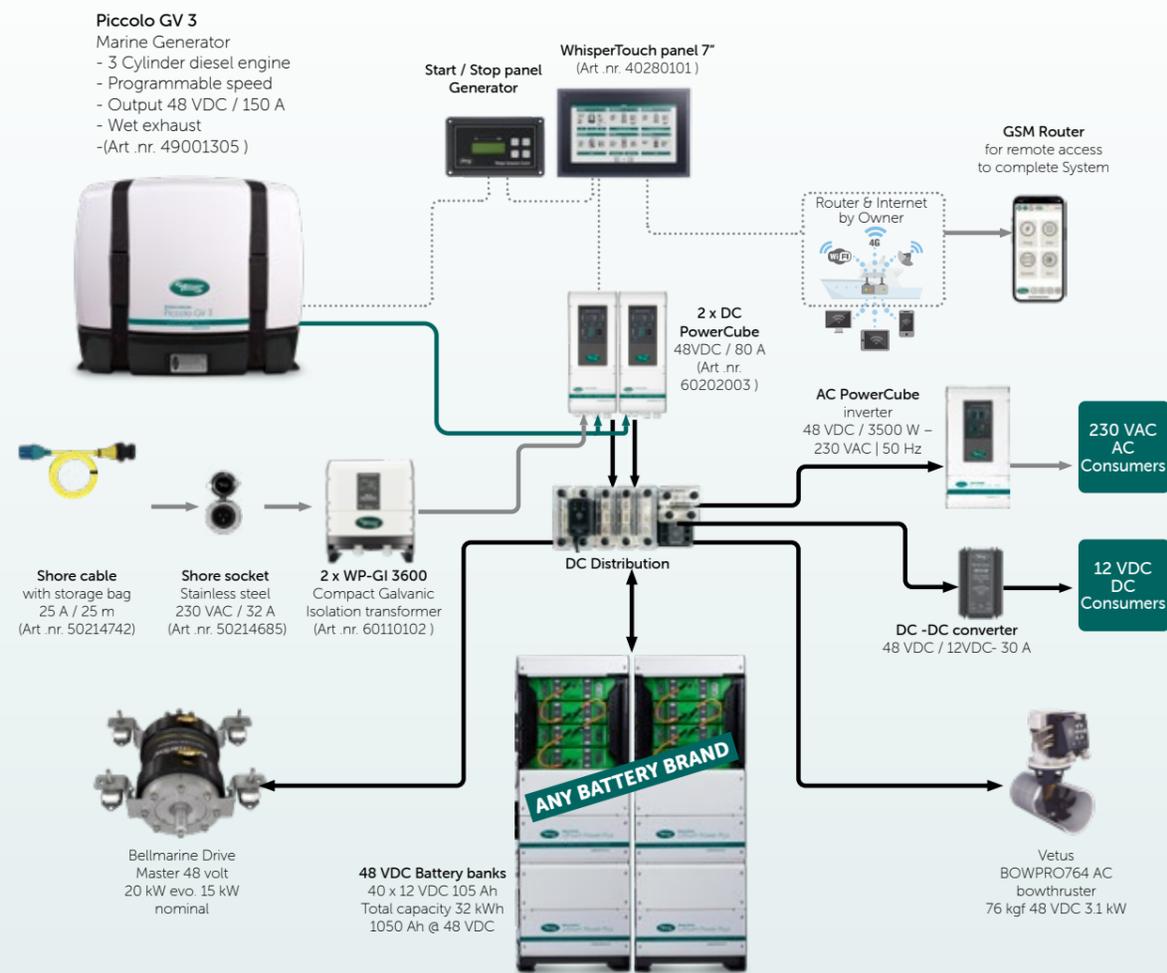
- As a back-up system for electric propulsion, with the certainty of always getting home
- As a silent power source in a system with large DC AC inverter, always power and never power shortage

## How it works

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

## System example below:

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



# Full control on your DC Power system WhisperCare

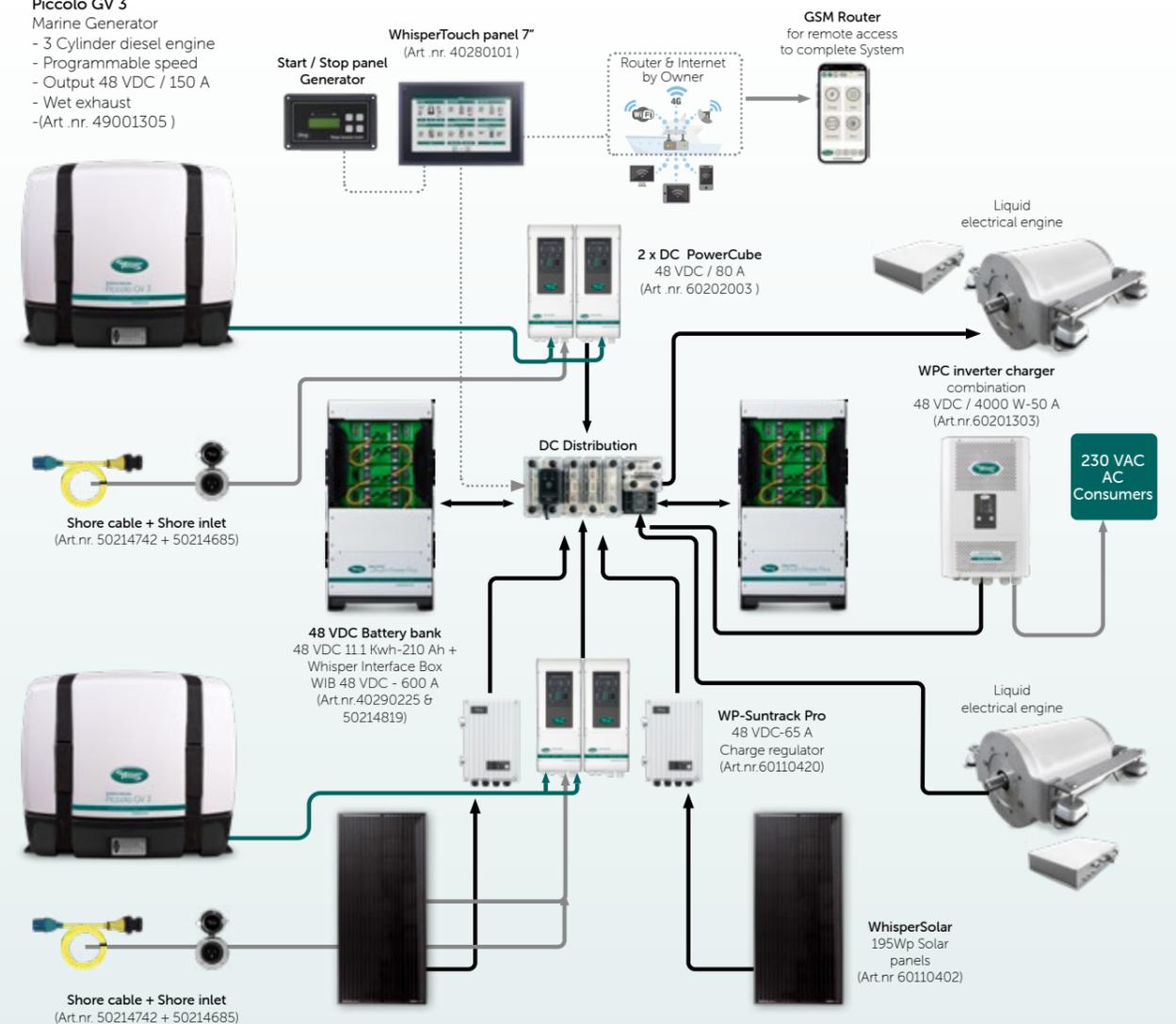
**Having the ability to constantly monitor and control your system is essential.**



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

## Piccolo GV 3

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



## 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.

## Advanced Classic Power Systems

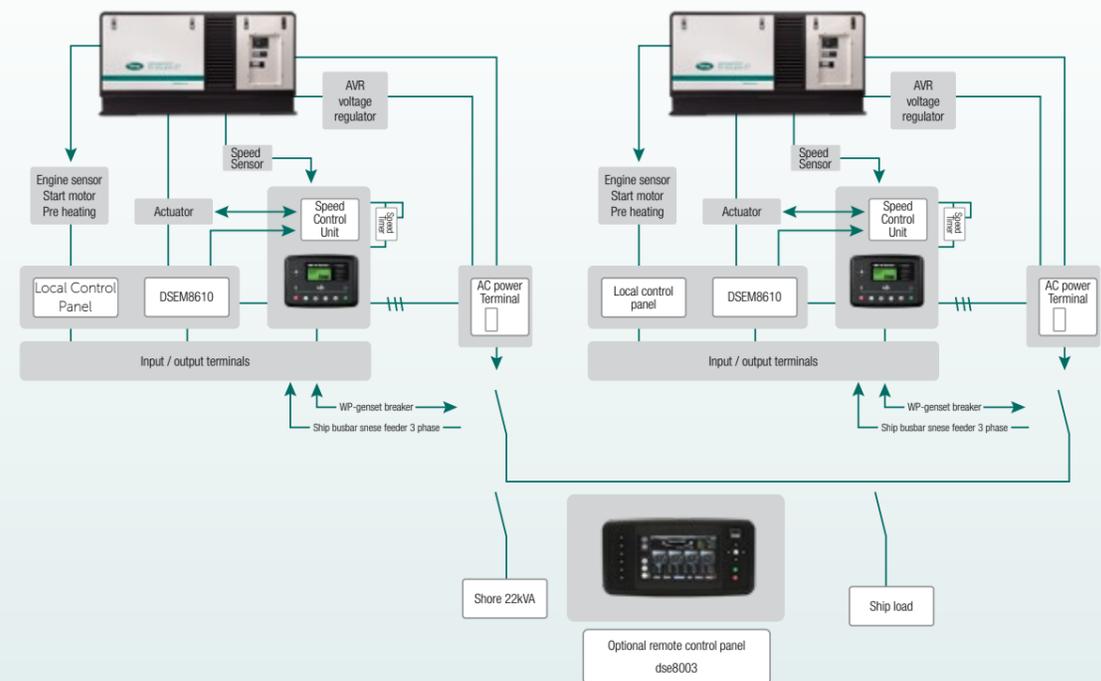
- Robust sound shield
- Rubber inlay
- Marine proof sheet metal



- Aluminium framework
- Strong base frame
- Internal shockmounts
- Ready to install all connections outside

## 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

PAGE 50



PAGE 52



PAGE 54



PAGE 56



PAGE 58



	M-SQ Pro 15   Stage V	M-SQ Pro 15	M-SQ Pro 18   Stage V	M-SQ Pro 18	M-SQ 22.5	M-SQ Pro 27	M-SQ Pro 32
<b>50 Hz   1 Phase</b> →	41207005-STV	41207005	41208105 -STV	41208105	41101205	41202005	N/A
<b>60 Hz   Split Phase</b> →	N/A	41207055	N/A	41208155	41101255	41202055	N/A
<b>50 Hz   3 Phase</b> →	41207305-STV	41207305	41208305 -STV	41208305	41131205	41201305	41201405
<b>60 Hz   3 Phase</b> →	N/A	41207355	N/A	41208355	41131255	41201355	41201455
<b>MAIN SPECIFICATIONS</b>						<b>1 Phase</b>	<b>Split Phase/ 3Phase</b>
Intermittent Power kW at 25°C (77°F)	12 kW	12.5 kW	14.5 kW	16.5 kW	22 kW	23 kW	25 kW
Continuous power kVA at 25°C (77°F)	13.75 kVA	15 kVA	17.5 kVA	20 kVA	22.5 kVA	27 kVA	27 kVA
Continuous power kW at 25°C (77°F)	11 kW	12 kW	14 kW	16 kW	20 kW	22 kW	25 kW
Noise level	55 dB(A)		55 dB(A)		58 dB(A)	56.7 dB(A)	58 dB(A)
Rpm range	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)	
Cooling	Indirect watercooling		Indirect watercooling		Indirect watercooling	Indirect watercooling	
Voltage regulation	AVR		AVR		AVR	AVR + EBS	
Nominal voltage /frequency 1 phase	230 VAC   50 Hz		230 VAC   50 Hz		230 VAC   50 Hz	230 VAC   50 Hz	
Nominal voltage /frequency split phase	120/240 VAC   60 Hz		120/240 VAC   60 Hz		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		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 %		200 %	300 %	
Harmonic distortion	< 3 %		< 3 %		< 3 %	< 3 %	
Frequency tolerance	± 5 %		± 5 %		± 5 %	± 5 %	
<b>DIESEL ENGINE SPECIFICATIONS</b>							
Type	Kubota V1505 BG EPA + Stage V	Kubota V1505 BG	Kubota V2203 M BG EPA + Stage V	Kubota V2203 M BG	Mitsubishi S4S	Mitsubishi S4S	Mitsubishi S4S
Cylinder, quantity	4		4		4	4	4
Displacement	cc : cu. in. :	1498 91.5	2197 134	2197 134	3331 203.3	3331 203.3	3331 203.3
Bore & stroke	mm : in. :	78.0 x 78.4 3.07 x 3.09	87 x 92.4 3.43 x 3.64	87 x 92.4 3.43 x 3.64	94 x 120 3.70 x 4.72	94 x 120 3.70 x 4.72	94 x 120 3.70 x 4.72
<b>DIMENSIONS &amp; WEIGHT</b>							
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	1220 x 718 x 754 48.0 x 28.3 x 29.7	1249 x 680 x 798 49.2 x 26.8 x 31.4	1440 x 749 x 805 56.7 x 29.5 x 31.7	1555 x 749 x 805 61.2 x 29.5 x 31.7
Dry weight	kg : lb. :	410 904	495 1091	495 1091	580 1279	660 1455	660 1455
Dry exhaust / wet exhaust	mm : in. :	Ø 50 Ø 1 ½	Ø 50 Ø 1 ½	Ø 50 Ø 1 ½	Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP	Ø 63 Ø 2 BSP
Max. operating angle	25° in all directions		25° in all directions		25° in all directions	25° in all directions	
<b>CONTROL PANEL</b>							
Standard	DDC		DDC		DDC	DDC	
Optional 1	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"	DeepSea control or WhisperTouch full color panel 7" or 10"	
Optional 2	Ungrounded		Ungrounded		Ungrounded	Ungrounded	
Optional 3	Keel cooling		Keel cooling		Keel cooling	Keel cooling	
Optional 4	Crankcase heating		Crankcase heating		Crankcase heating	Crankcase heating	

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



## Marine Diesel Generator M-SQ Pro 15



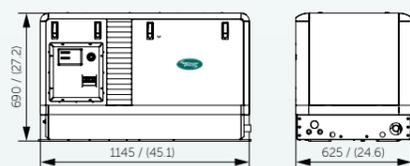
Stage V available as:

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

Non Stage V available as:

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

### Dimensions M-SQ Pro 15



### DDC remote control panel (standard)



### DeepSea Control (optional)



Go to  
**page 64**  
for keel  
cooling

	M-SQ Pro 15	
	STAGE V	NON-STAGE V
50 Hz   1 Phase →	41207005-STV	41207005
60 Hz   Split Phase →	N/A	41207055
50 Hz   3 Phase →	41207305-STV	41207305
60 Hz   3 Phase →	N/A	41207355

POWER OUTPUT		
Intermittent Power kW	12	12.5
Continuous power kVA at 25°C (77°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 Counter current
Thermostat	Open at 76.6°C Full open at 85°C

FUEL SYSTEM	
Fuel shut off solenoid	Electrical (ETR)
Fuel injection pump	In-Line pump
Fuel lift pump	Facet Gold Flo

LUBRICATION SYSTEM	
Oil pump type	Pressure
Oil pan capacity with filter, L (gal.)	6.7 (1.8)

OPERATION REQUIREMENTS	50 Hz	60 Hz
Engine Speed rpm	1500	1800
Air requirements, m <sup>3</sup> / min. / (ft <sup>3</sup> / min)	1.5 / (53.0)	1.5 / (63.6)
Max. air intake restriction, kPa	2.45	2.94
Max. allowed exhaust pressure, kPa	7.07	8.48

FUEL CONSUMPTION g/kWh	50 Hz	60 Hz
100% load	247	253-

Optional: Crankcase heater, Keel cooling, ungrounded

DIMENSIONS & WEIGHT	Without Sound Shield		With Sound Shield	
	mm	(in.)	mm	(in.)
Width	984	(38.4)	1145	(45.1)
Depth	462	(18.2)	625	(24.6)
Height	625	(24.6)	690	(27.2)
Weight kg (lb.) Wet	385	(848.8)	425	(937.0)
Weight kg (lb.) Dry	370	(815.7)	410	(904.0)



Water inlet kit  
Art. Nr. 40230211



Syphon breaker kit  
Art. Nr. 40230273



Water lock exhaust kit  
Art. Nr. 40230282



Water/Gas separator kit  
Art. Nr. 40230292



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR M-SQ Pro 15

Article number	Definition	
40230211	Water inlet kit	20 mm (3/4")
40230273	Syphon breaker kit	20 mm (3/4")
40230282	Water lock exhaust kit	51/51 mm (2")
40230292	Water-gas separator kit	51/40/51 (2")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290031	Starter battery	AGM Power - 12 VDC   100 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290031



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR M-SQ Pro 15

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 42401463



B-kit maintenance parts  
Art. Nr. 42401462



# Marine Diesel Generator M-SQ Pro 18



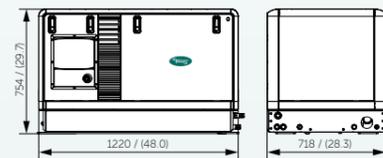
Stage V available as:

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

Non Stage V available as:

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

### Dimensions M-SQ Pro 18



### DDC remote control panel (standard)



### DeepSea Control (optional)



Go to  
**page 64**  
for keel  
cooling

	M-SQ Pro 18	
	STAGE V	NON-STAGE V
50 Hz   1 Phase →	41208105 -STV	41208105
60 Hz   Split Phase →	N/A	41208155
50 Hz   3 Phase →	41208305 -STV	41208305
60 Hz   3 Phase →	N/A	41208355

POWER OUTPUT		
Intermittent Power kW	14.5	16.5
Continuous power kVA at 25°C (77°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 Counter current
Thermostat	Open at 76.6°C Full open at 85°C

FUEL SYSTEM	
Fuel shut off solenoid	Electrical (ETR)
Fuel injection pump	In-Line pump
Fuel lift pump	Facet Gold Flo

Lubrication System	
Oil pump type	Pressure
Oil pan capacity with filter, L (gal.)	7.6 (2.0)

OPERATION REQUIREMENTS	50 Hz	60 Hz
	Engine Speed rpm	1500
Air requirements, m <sup>3</sup> / min. / (ft <sup>3</sup> / 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

DIMENSIONS & WEIGHT	Without Sound Shield		With Sound Shield	
	Width mm (in.)	999 (39.3)	1220 (48.0)	
Depth mm (in.)	568 (22.4)	718 (28.3)		
Height mm (in.)	681 (26.8)	754 (29.7)		
Weight kg (lb.) Wet	470 (1036.2)	510 (1124.4)		
Weight kg (lb.) Dry	455 (1003,1)	495 (1091,3)		



Water inlet kit  
Art. Nr. 40230221



Syphon breaker kit  
Art. Nr. 40230274



Water lock exhaust kit  
Art. Nr. 40230282



Water/Gas separator kit  
Art. Nr. 40230292



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR M-SQ Pro 18

Article number	Definition	
40230221	Water inlet kit	25 mm (1")
40230274	Syphon breaker kit	25 mm (1")
40230282	Water lock exhaust kit	51 mm (2")
40230292	Water-gas separator kit	51 mm (2")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290062	Starter battery	AGM Power - 12 VDC   145 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

\*) WhisperTouch 7" Full color is optional and recommended

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290062



Starter battery installation kit  
Art. Nr. 40290108

### EXTRA ACCESSORIES FOR M-SQ Pro 18

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 42401362



B-kit maintenance parts  
Art. Nr. 42401363



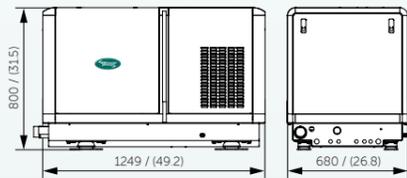
# Marine Diesel Generator M-SQ 22.5



Available as:

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

### Dimensions M-SQ 22.5



### DDC remote control panel (standard)



Go to  
**page 64**  
for keel  
cooling

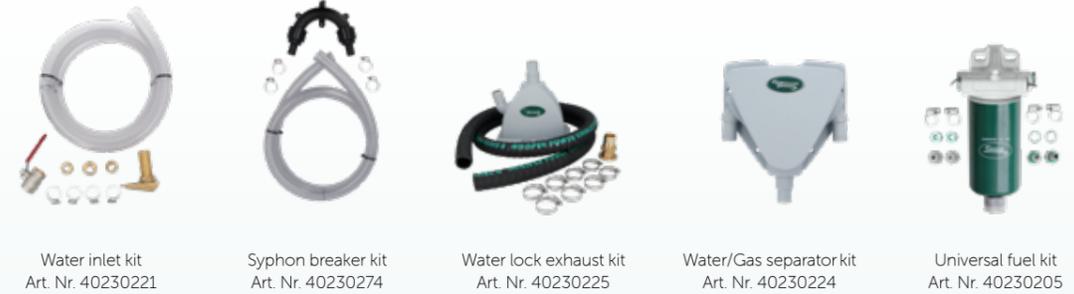
	M-SQ 22.5
50 Hz   1 Phase →	41101205
60 Hz   Split Phase →	41101255
50 Hz   3 Phase →	41131205
60 Hz   3 Phase →	41131255

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 m³/min. / (353 ft³ / 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

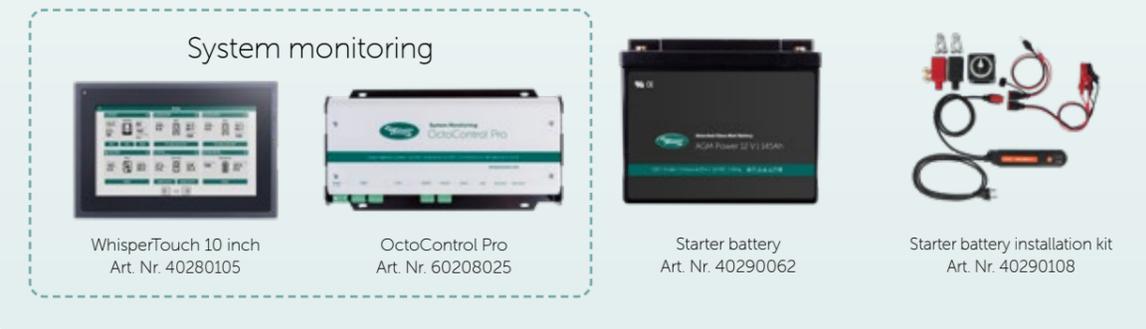
ELECTRICAL SPECIFICATIONS	
Output voltage	230/400 VAC   50 Hz Alternating current (AC) three-phase re-connectable to take off single phase or dual voltage
Output rating 50 Hz	22.5 kVA   20 kW at power factor cos phi = 1
Voltage tolerance	± 2% (balanced load)
Frequency tolerance	± 3%
Alternator	Air cooled, 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

DIMENSIONS & WEIGHT	Without Sound Shield		With Sound Shield	
	mm (in.)	kg (lb.)	mm (in.)	kg (lb.)
Width	1150 (45.3)	1249 (49.2)	1249 (49.2)	1249 (49.2)
Depth	600 (23.6)	680 (26.8)	680 (26.8)	680 (26.8)
Length	750 (29.5)	798 (31.4)	798 (31.4)	798 (31.4)
Dry weight	580 (1278.7)	480 (1058.2)	480 (1058.2)	480 (1058.2)



ACCESSORIES & OPTIONS FOR M-SQ 22.5		
Article number	Definition	
40230221	Water inlet kit	25 mm (1")
40230274	Syphon breaker kit	25 mm (1")
40230225	Water lock exhaust kit	63 mm (2 1/2")
40230224	Water-gas separator kit	63 mm (2 1/2")
40230205	Universal fuel kit	
40280101	System panel	WhisperTouch 7"- connection cable included *)
60208025	System monitoring	OctoControl Pro
40290062	Starter battery	AGM Power - 12 VDC   145 Ah
40290108	Starter battery installation kit	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A



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



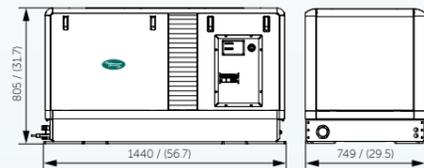
## Marine Diesel Generator M-SQ Pro 27



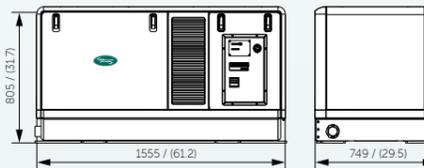
Available as:

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

### Dimensions M-SQ Pro 27 - 1 Phase



### Dimensions M-SQ Pro 27 - 3 Phase



### DDC remote control panel (standard)



### DeepSea Control (optional)



Go to  
**page 64**  
for keel  
cooling

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

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 <sup>3</sup> /min. / (353 ft <sup>3</sup> / 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) three-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

DIMENSIONS & WEIGHT	1 PHASE	SPLIT & 3 PHASE
Width mm (in.) Without Sound Shield	1275 (50.2)	1400 (55.1)
Width mm (in.) With Sound Shield	1440 (56.7)	1555 (61.2)
Depth mm (in.) Without Sound Shield	595 (23.2)	600 (23.6)
Depth mm (in.) With Sound Shield	749 (29.5)	749 (29.5)
Height mm (in.) Without Sound Shield	710 (27.9)	730 (28.7)
Height mm (in.) With Sound Shield	805 (31.7)	805 (31.7)
Dry weight kg (lb.)	660 (1455)	660 (1455)



Water inlet kit  
Art. Nr. 40230221



Syphon breaker kit  
Art. Nr. 40230274



Water lock exhaust kit  
Art. Nr. 40230225



Water/Gas separator kit  
Art. Nr. 40230224



Universal fuel kit  
Art. Nr. 40230205

### ACCESSORIES & OPTIONS FOR M-SQ Pro 27

Article number	Definition
40230221	Water inlet kit 25 mm (1")
40230274	Syphon breaker kit 25 mm (1")
40230225	Water lock exhaust kit 63 mm (2 1/2")
40230224	Water-gas separator kit 63 mm (2 1/2")
40230205	Universal fuel kit
40280101	System panel WhisperTouch 7"- connection cable included *)
60208025	System monitoring OctoControl Pro
40290062	Starter battery AGM Power - 12 VDC   145 Ah
40290108	Starter battery installation kit >100 Ah - incl. Battery Charger - Handy 12 VDC   7 A

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290062



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR M-SQ Pro 27

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 40201660



B-kit maintenance parts  
Art. Nr. 40201661



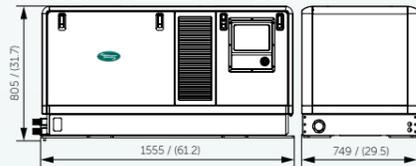
## Marine Diesel Generator M-SQ Pro 32



Available as:

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

### Dimensions M-SQ Pro 32



### DeepSea Control (standard)



### DeepSea Control (optional)



Go to  
**page 64**  
for keel  
cooling

	M-SQ Pro 32
50 Hz   1 Phase →	N/A
60 Hz   Split Phase →	N/A
50 Hz   3 Phase →	41201405
60 Hz   3 Phase →	41201455

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 m <sup>3</sup> /min / (98.9 ft <sup>3</sup> / 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



Water inlet kit  
Art. Nr. 40230221



Syphon breaker kit  
Art. Nr. 40230274



Water lock exhaust kit  
Art. Nr. 40230225



Water/Gas separator kit  
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	>100 Ah - incl. Battery Charger - Handy 12 VDC   7 A
40230205	Universal fuel kit	

### System monitoring



WhisperTouch 10 inch  
Art. Nr. 40280105



OctoControl Pro  
Art. Nr. 60208025



Starter battery  
Art. Nr. 40290062



Starter battery installation kit  
Art. Nr. 40290108

### USEFUL ACCESSORIES FOR M-SQ Pro 32

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



Lubricant oil  
Art. Nr. 40222244



Coolant  
Art. Nr. 40222214



A-kit maintenance parts  
Art. Nr. 40201660



B-kit maintenance parts  
Art. Nr. 40201661



# WhisperPower Exhaust Systems

## For a safe and quiet system

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

- The WhisperPower silencers / 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.

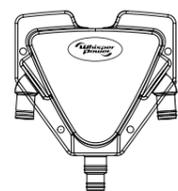
### Silencer / Water lock

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 as:



Art. Nr. 40230087  
40-40-40 mm (1 5/8" - 1 5/8" - 1 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 5/8" - 2")  
370 x 165 x 417 mm  
14.57 x 6.50 x 16.42 in.

Silencer / Water lock

Available as:



Art. Nr. 40230083  
40-40 mm (1 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 5/8")	40 mm
40230087	WP-WGS 40/40/40 Water/Gas separator (1 5/8")*	40 mm
40230291	WP-WGS 40/40 Water/Gas separator kit (1 5/8")*	40 mm
40230084	WP-WL 51/51 Silencer/waterlock	51 mm
40230292	WP-WL 51/51 Water/Gas separator kit (2")*	51 mm
40230282	WP-WL 51/51 Silencer/waterlock exhaust kit (2")	51 mm
40230088	WP-WGS 51/40/51 Water/Gas separator (2")*	51 mm
40230225	WP-WL 63/63 Silencer/waterlock exhaust kit (2 1/2")	63 mm

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



# Service Kits

## from WhisperPower

The A-kit contains all the spare parts for those items, such as filters and belts, that should be replaced on a regular basis. We advise always ordering an A-kit along with you 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 GV 2, GV 3, 6, 8, 10 and 12
40401771	B-kit Piccolo GV 2, 6 and 8
40401772	B-kit Piccolo GV 3, 10 and 12
40401863	A-kit Piccolo GV 3+, 15 and 18
40401864	B-kit Piccolo GV 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



## Spare Parts Silencer/Waterlock

Available as:  
40/40  
51/51



### IMPORTANT INSTALLATION PARTS

Article number	Definition	
40230083	Silencer/waterlock 40/40	40 mm, synthetic material
40230084	Silencer/waterlock 51/51	51 mm, synthetic material

## Spare Parts Water-Gas Separator

Available as:  
40/40/40  
51/40/51



### IMPORTANT INSTALLATION PARTS

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

## Spare Parts Marine fuel hose for diesel

Available as:  
8 x 16 mm | drum 20 m



### IMPORTANT INSTALLATION PARTS

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

## Spare Parts Exhaust Hose

Available as:  
(15/8") | 40 mm Ø  
(2") | 51 mm Ø  
(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 as:

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



### IMPORTANT INSTALLATION PARTS

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

## Spare Parts Transparent Coolant Hose

Available as:

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



### IMPORTANT INSTALLATION PARTS

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

## Spare Parts Battery Cable Red/Black

Available as:

<b>Red</b>	<b>Black</b>
16 mm <sup>2</sup> drum 50 m	16 mm <sup>2</sup> drum 50 m
25 mm <sup>2</sup> drum 25 m	25 mm <sup>2</sup> drum 25 m
35 mm <sup>2</sup> drum 25 m	35 mm <sup>2</sup> drum 25 m



### IMPORTANT INSTALLATION PARTS

Article number	Definition	
50213070	Battery cable Red	16 mm <sup>2</sup> (drum 50 m)
50213071	Battery cable Black	16 mm <sup>2</sup> (drum 50 m)
50213075	Battery cable Red	25 mm <sup>2</sup> (drum 25 m)
50213076	Battery cable Black	25 mm <sup>2</sup> (drum 25 m)
50213085	Battery cable Red	35 mm <sup>2</sup> (drum 25 m)
50213086	Battery cable Black	35 mm <sup>2</sup> (drum 25 m)

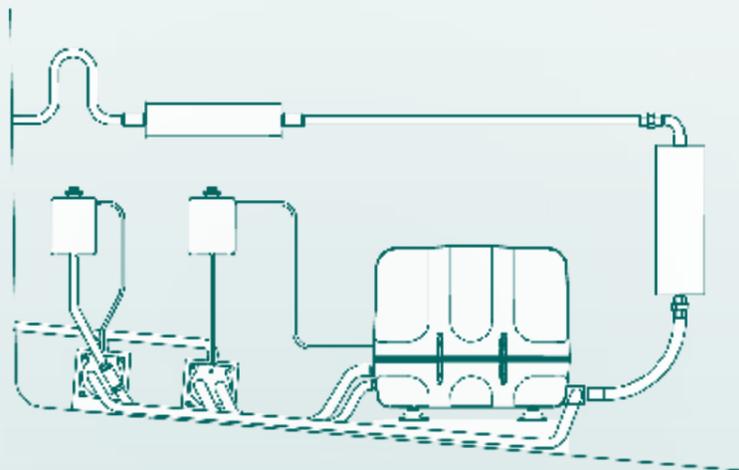


## Spare Parts Cooler Kits



### BOX COOLER KITS

Article number	Definition
40201303	Box cooler kit up to 10 kVA keel cooling, dry exhaust
40201304	Box cooler kit GV2/3 - GV8/10 keel cooling, dry exhaust
40201873	Box cooler kit up to 15 kVA keel cooling, dry exhaust
40201874	Box cooler kit up to 20 kVA keel cooling, dry exhaust
40201894	Box cooler kit for M-SQ 27 / 30 and M-SQ 20 - 50 Hz



## Spare Parts Dry Exhaust Kits



### EXHAUST KITS

Article number	Definition
40201325	Dry exhaust kit 1" for Genverter up to M-GV 15
40201326	Dry exhaust kit 1" Combi style muffler for Scalino models W-GV 8 / 10
40201875	Dry exhaust kit 1½" for M-SQ 8 / 9.5 / 10 / 11 / 12 / 15 / 16 / 20
40201889	Dry exhaust kit 2" for M-SQ 27 / 32
40201324	Insulation blanket kit for exhaust kit



# OctoPower Low to Zero Emission Power Solutions



## Diesel or gas generator replacement OctoPower 3

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

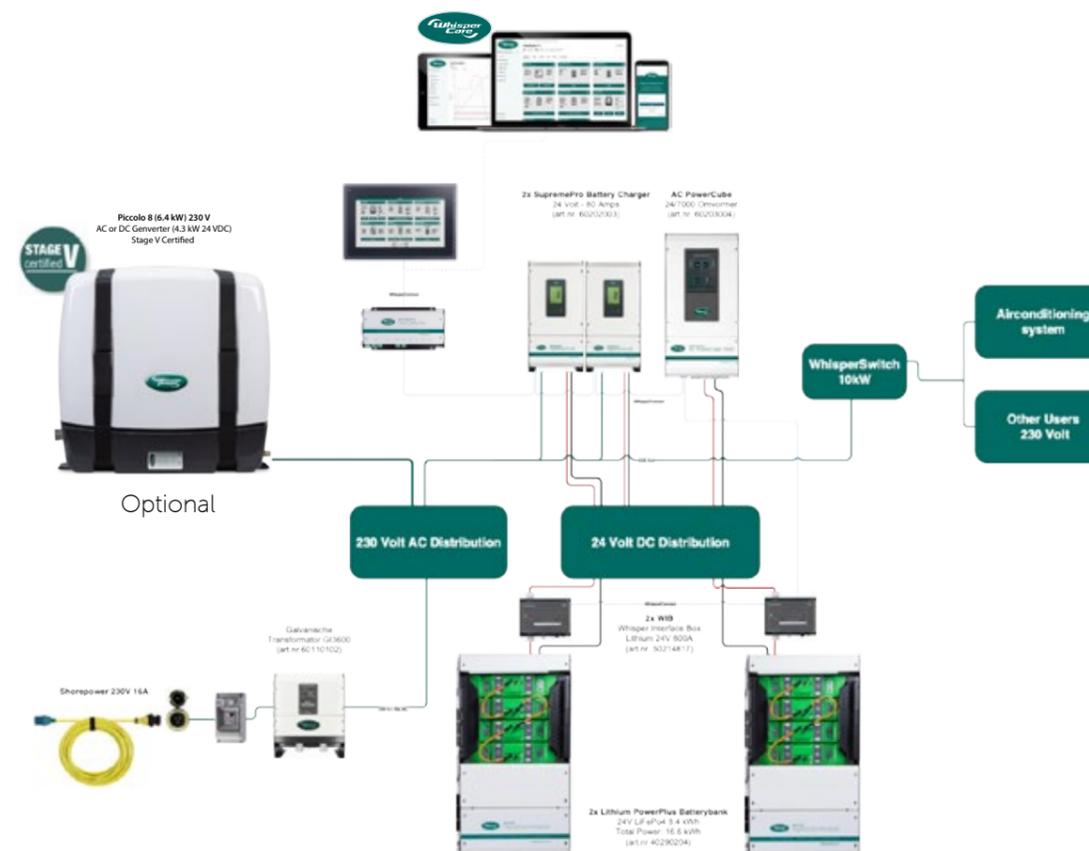
Schema van Jorg

Feel free to ask for a System Quotation



## Low – emission night silent system OctoPower 7

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



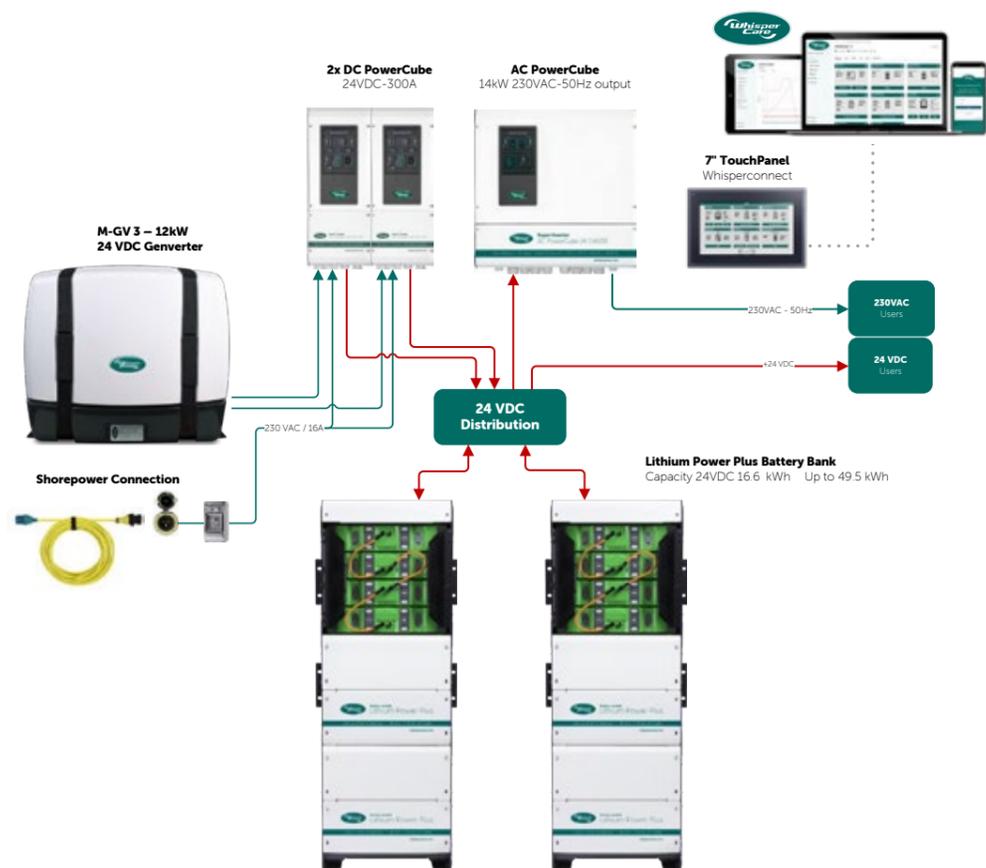
Feel free to ask for a System Quotation





## Low - emission night silent system with diesel generator(s) OctoPower 14+

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

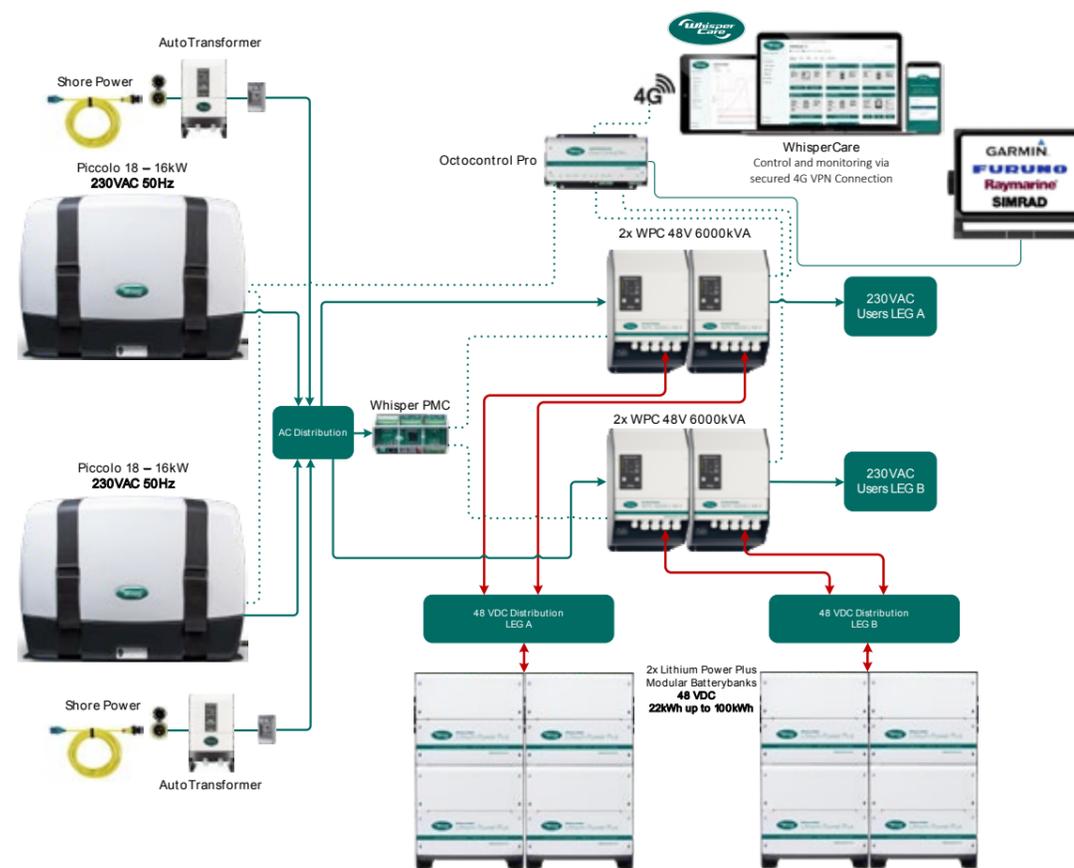


Feel free to ask for a System Quotation



## Low – emission night silent system OctoPower 25

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



Feel free to ask for a System Quotation



## Monitoring & Control Remote Panels



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



MODEL Art. Nr.			2510 MKII 50208054	8003 MKII 50208053	5" 40280105	7" 40280101	10" 40280102
Piccolo GV 2		■				□	□
Piccolo GV 3		■				□	□
Piccolo GV 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 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.

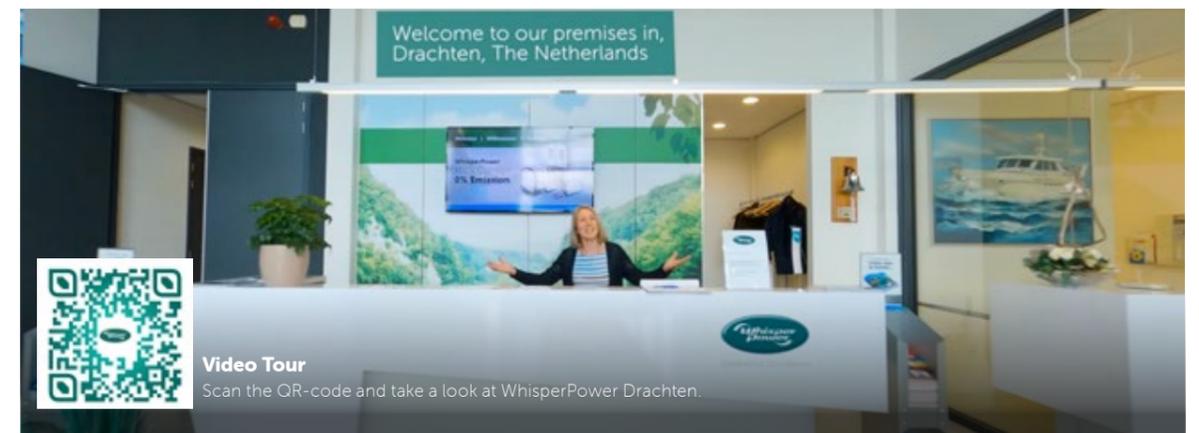


### In-house production

A large proportion of WhisperPower's production takes place in a modern 5500 m<sup>2</sup> 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](http://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

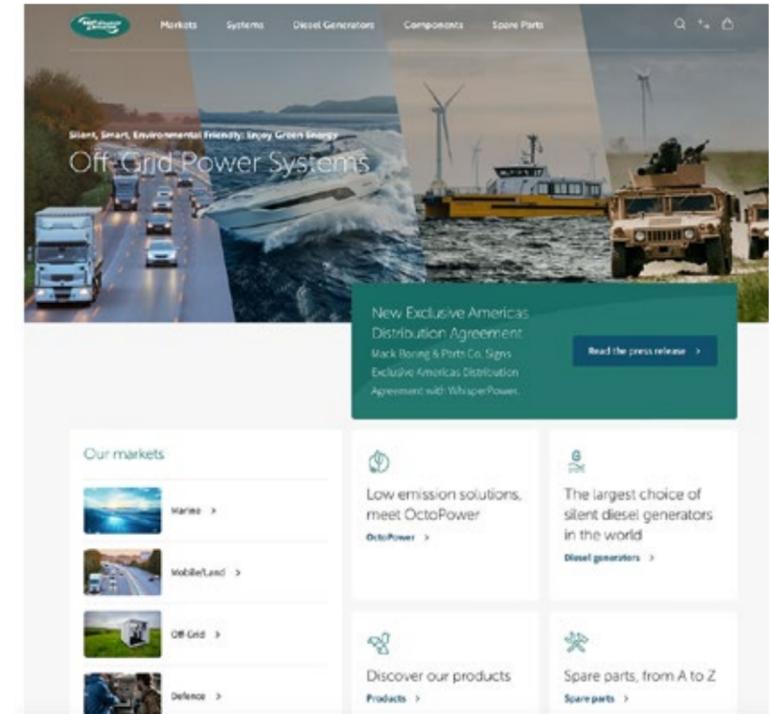
Our engineers and advisers have extensive experience in the development and implementation of electrical systems. They take pride in helping you make the right plans for your system's exact needs, be it the installation of a Genverter® or generator or more comprehensive and complex systems. We design 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.



## 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

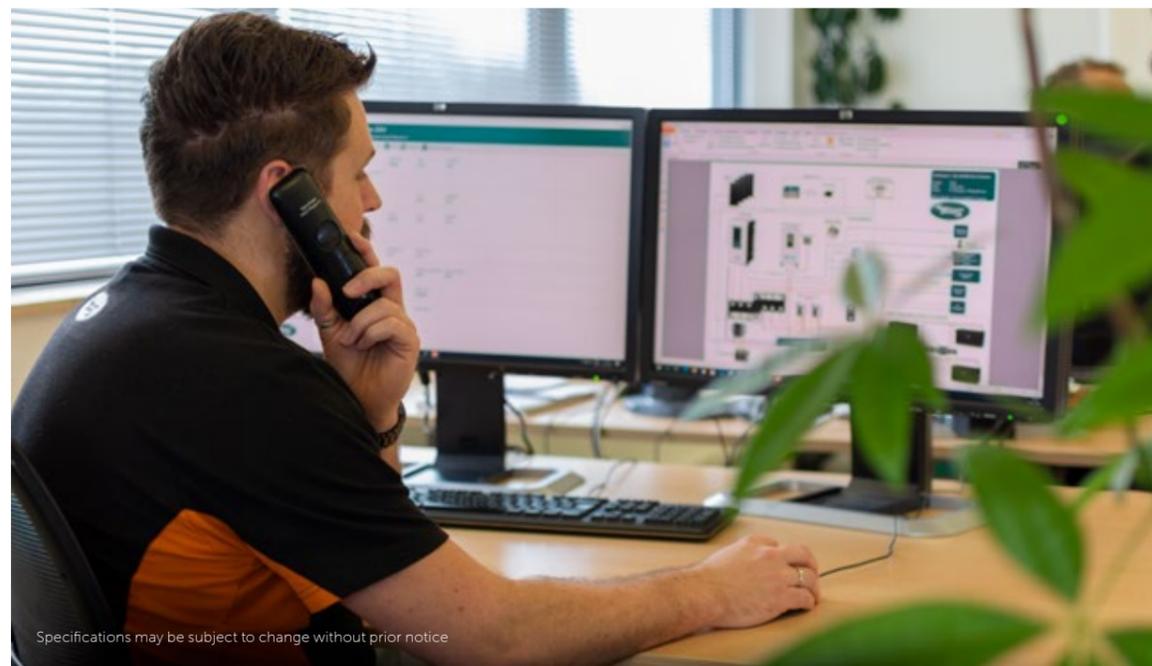
Knowledge and expertise form the foundation for the best possible service. Every WhisperPower technical sales partner has up-to-date knowledge and the benefit of our global experience. Regular training courses ensure our specialists stay abreast with and well informed about all of our products, both 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 through-out this brochure and other printed product information. As we continuously strive to improve our products, specifications can be subject to change without prior notice.



Specifications may be subject to change without prior notice

## The WhisperPower Warranty Plan

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

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

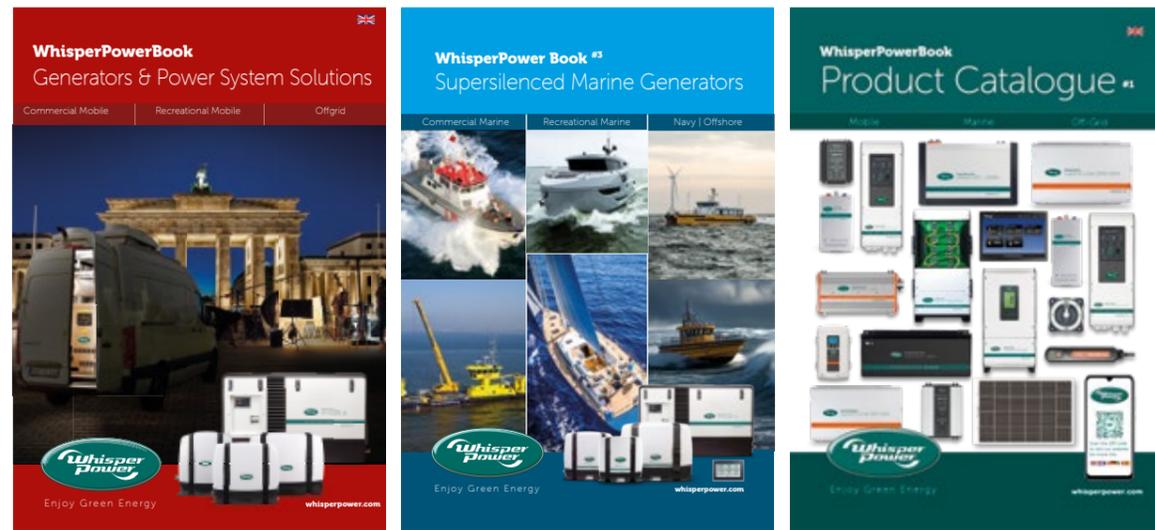
- Extended system advice
- Selection of the right parts
- Installation of the system or generator
- Commissioning after installation
- Maintenance training
- Repair in case of a defect
- Software updates, when needed
- All our efforts are aiming to reduce unnecessary downtime.

Marine • Mobile • Land | [www.whisperpower.com](http://www.whisperpower.com)



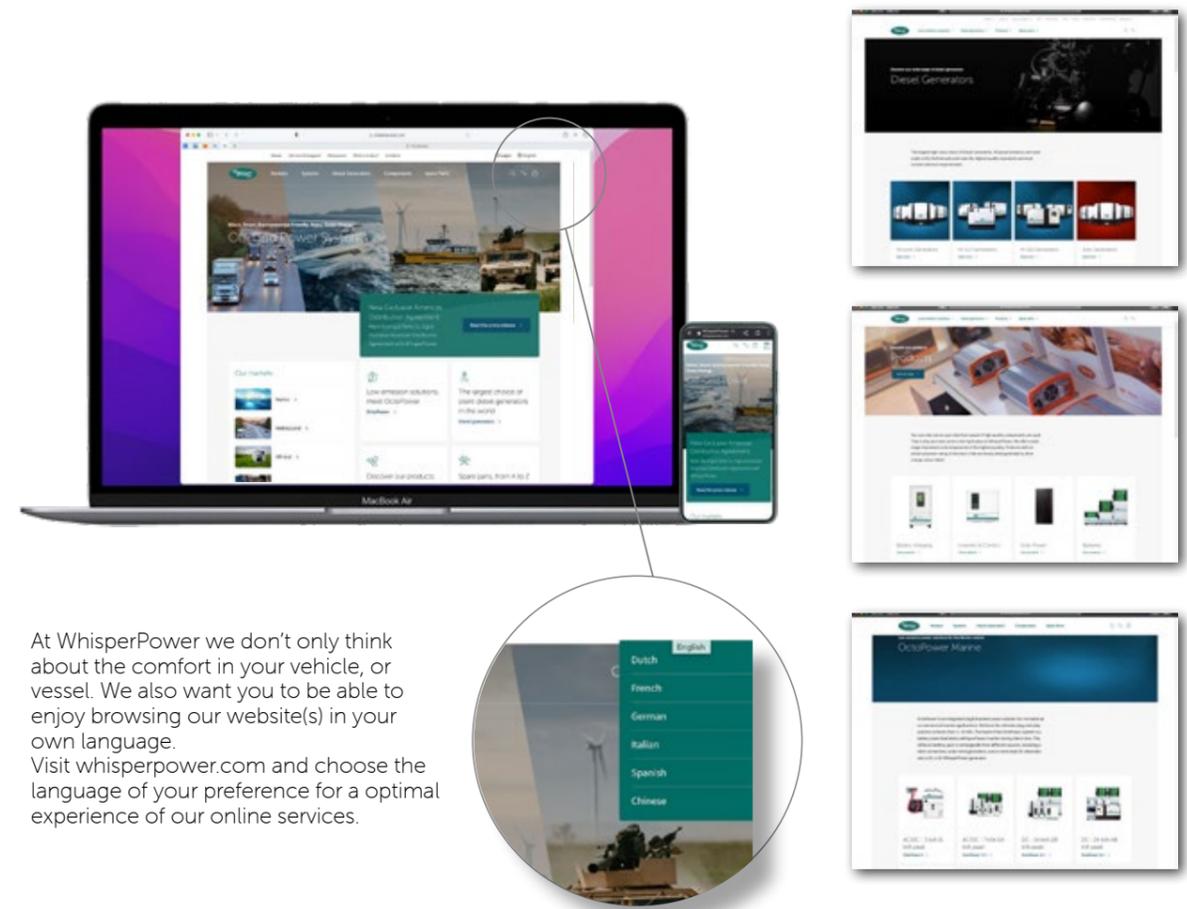
(English/ German/Spanish/French/Italian/Dutch)

# Available documentation



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

# Visit our website(s)



At WhisperPower we don't only think about the comfort in your vehicle, or vessel. We also want you to be able to enjoy browsing our website(s) in your own language. Visit [whisperpower.com](http://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](mailto:sales@whisperpower.com)



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

# Distribution in over 70 countries



Distribution / sales by



Premium Power Solutions

[sales@whisperpower.com](mailto:sales@whisperpower.com)

[whisperpower.com](http://whisperpower.com)