

Optional Installation Accessories

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

Installation example



Your On Board Power Plant Piccolo 6

Adjustable Speed Marine Diesel Generator



- Super-quiet generator, power 6 kWatt, 230 VAC 50 Hz/120 VAC 60 HZ
- Can be connected to existing on-board diesel fuel tank
- Compact and light weight, fits in any space
- Perfect power source for air conditioning, watermaker, galley
- Seamlessly compatible with WhisperPower inverter/charger (or other brands)
- Lowest emission - EPA Tier 4/ Stage V



Sales outlets in more than 50 countries

Headoffice WhisperPower BV
Kelvinlaan 82 | 9207 JB Drachten, the Netherlands
• sales@whisperpower.com

whisperpower.com

WhisperPower sales outlet:

Enjoy Green Energy

whisperpower.com

Silent, Compact, Light-weight and Extremely Powerful

It is a special challenge that drives us: our product is only perfect when you see nothing of it, hear nothing of it and are never short of it: ELECTRICAL POWER.

For many years, our innovation has focused on power systems that do their work uninterruptedly, inaudibly, and energy-efficiently. As individual components, like our super-quiet range of diesel generators, but also bundled into a system: our already legendary all-in-one OctoPower system. We are proud to introduce a smashing new product, the Piccolo 6.

How it works

We apply advanced technology as used in e-mobility and renewable energy markets, resulting in the highest efficiency, lowest exhaust emissions and superior electrical output quality in terms of voltage, frequency and peak power behaviour. Our Adjustable Speed Technology allows to vary operating speed of the engine to match the connected electrical load, so no energy is wasted.

Perfect power for your airconditioning (and more)

All Genverter Piccolo models are supplied with an external inverter "box", so no electronic devices are mounted close to the engine. Our PMG inverter should be mounted in a dry and cool area. Independent of the rotating speed of the Permanent Magnet based alternator, the genverter's PMG delivers the correct power quality for comfort equipment, such as washing machines, air-conditioning, electrical cooking devices and various other AC powered equipment. Sensitive appliances work perfect and are not harmed by a poor power supply.

The perfect fit

- Extremely compact and light weight
- Virtually vibration free
- Indirect water cooling (sea or fresh), stow away principle

- Lowest noise level (from 50 dBA)
- Pure sine wave output 120 V 60 Hz (or 230 VAC, 50 Hz)
- All necessary first class installation parts available
- Easy to install – all engine connections pre-fabricated
- WhisperConnect compatible (which can be connected to NMEA 2000)

Up to date technology

- Highly efficient thanks to use of permanent magnet alternator technology, all watercooled
- Manual speed settings for optimal rpm level
- PMG inverter fitted with high current IGBT's for high surge
- Stage V / Tier 4 / EPA emission level as standard
- Optimal sound reduction by polyester sound shield

Choose from AC or DC variations

- Standard versions for 120 V - 240 VAC, 60 Hz split phase or 230 V 50/60 Hz devices
- Version for charging the 12/24/48 VDC batteries by connecting to WhisperPower fast chargers.



Functional start/stop panel with LED indicators delivered as standard.



5 inch Touch panel, optional. Art. Nr. 40280105



OctoView Touch System Monitor, 7 inch panel Art. Nr. 40280115

Piccolo 6

49004005 230 V / 50 Hz
49004055 120 V / 60 Hz

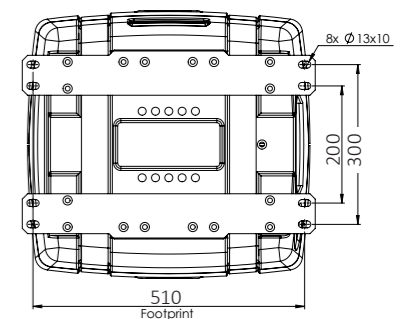
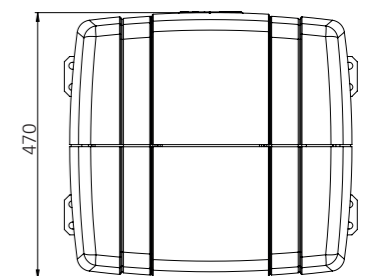
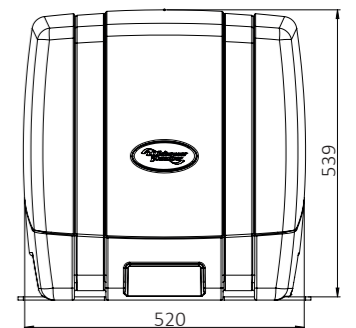
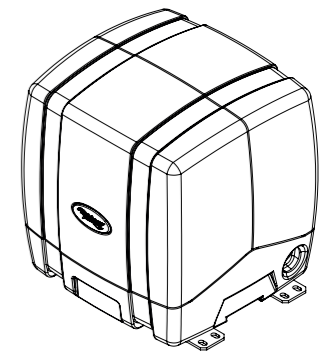
MAIN SPECIFICATIONS	
Intermittent Power at 25°C (77°F)	6 kVA/6 kW
Peak power 200m sec	200%
Rpm range	2500 .. 2800rpm , adjustable
Sound level	54 dB(A) at 7 m, 65 dB(A) at 1m
Cooling	Intercooling
Exhaust	Wet type, 40mm (except ..030)
Speed governor	Mechanical
Starter battery capacity	12 V / 80 Ah
Standard 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

MECHANICAL SPECIFICATIONS	
Dimensions (l x w x h)	520 x 470 x 541 mm (20.5 x 18.5 x 21.3 inches)
Dry weight incl. sound shield	145 kg [keel-cooled: 147 kg]
PMG dimensions (h x w x d)	420 x 196 x 148 mm (16.5 x 7.7 x 5.8 inches)
PMG weight	7.2 kg (15.9 lb)
Color	RAL9010 signal white, RAL9020 metallic black

ENGINE SPECIFICATIONS	
Engine model	WhisperPower Kubota Z482-C
Emission Regulation	Stage V certified / EPA / Tier 4
Engine performance intermittent SAE J1349	8.3 kW @ 3000rpm
Engine performance continuous SAE J1349	7.4 kW @ 3000rpm
Number of cylinders	2
Displacement	0.479 l
Bore & stroke	67 x 68 mm (2.6 x 2.7 inches)
Air intake system	Naturally aspirated
Air consumption	< 0.95 m ³ /min
Fuel oil	Diesel fuel oil (ASTM No. 2-D)
Fuel consumption @ 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
Oil capacity	Approx. 2.1 l

CONTROL PANEL	
Standard	start/stop panel
Optional	2nd start/stop panel, Touch panel

Dimensions



Certifications

