

# Complete **All-in-One** **Power Solution** for **marine** and **mobile** applications



7kW power system comprising of a silent diesel generator, powerful sine wave inverter, 3-stage battery charger and maintenance free batteries. All pre-wired in one enclosure and ready to use.

**Saving installation time • Space saving • One-stop-Shop**



# WhisperPower All-In-One PowerStation

A complete energy system comprising of the best components minus the fuss and hassle: the new All-In-One PowerStation. From now on, order everything in one single quiet and reliable compact system with minimal vibration in which the hybrid diesel generator, inverter, battery and all other vital components work together.

Inverter and diesel generator will operate in parallel during high AC power consumption periods (7kVA). The inverter will take over the

power supply during low consumption periods. Start/stop of the diesel generator is fully automatic. Super easy to install and just one point of contact for service and support saving you time and money.

### Also modular

The basic principle of the All-In-One PowerStation is the assembly of all components in one single housing. The system can also be supplied in the form of individual components for modular assembly. Once installed, we come by for the commissioning of the system.

## Discover the uniqueness of our All-In-One PowerStation 7

### WhisperPower diesel generator

- All-in-one PowerStation supplied as standard with 1 cylinder WhisperPower Diesel Generator, with indirect water cooling suitable for salt or fresh water, or integrated radiator for mobile/ land based models. Automatic variable running speed 2400 - 3000 rpm.
- Permanent Magnet (PM) fly wheel integrated alternator, efficiency 95%.
- Generator output power 4.4kVA, 36A max.
- Marine versions: exhaust systems optional.
- Mobile/ land versions: exhaust and cooling system included.
- Automatic electric start.
- Fully protected against overload, over temperature and short circuit by automatic switch.

### WhisperPower inverter and battery charger

- PowerStation supplied as standard with high-class sine wave inverter of 3.5kVA output power, 10.5kVA peak power.
- Multi stage programmable battery charger.

### WhisperPower storage - DC system

- AGM, GEL or Lithium ION service battery included as part of the PowerStation or as a separate plug-in Power Pack.
- DC system fully protected against discharge, overcharge, misuse.

### WhisperPower monitoring

- Analogue remote control panel or digital panel (5,7 or 10 inch). 5, 7 or 10 inch touch screen remote panel optional.
- Interface from WhisperConnect to NMEA 2000.

### WhisperPower management

- Automatic switching from generator to shore to onboard electrical system.
- Automatic start/stop of generator based on battery voltage and load demand.

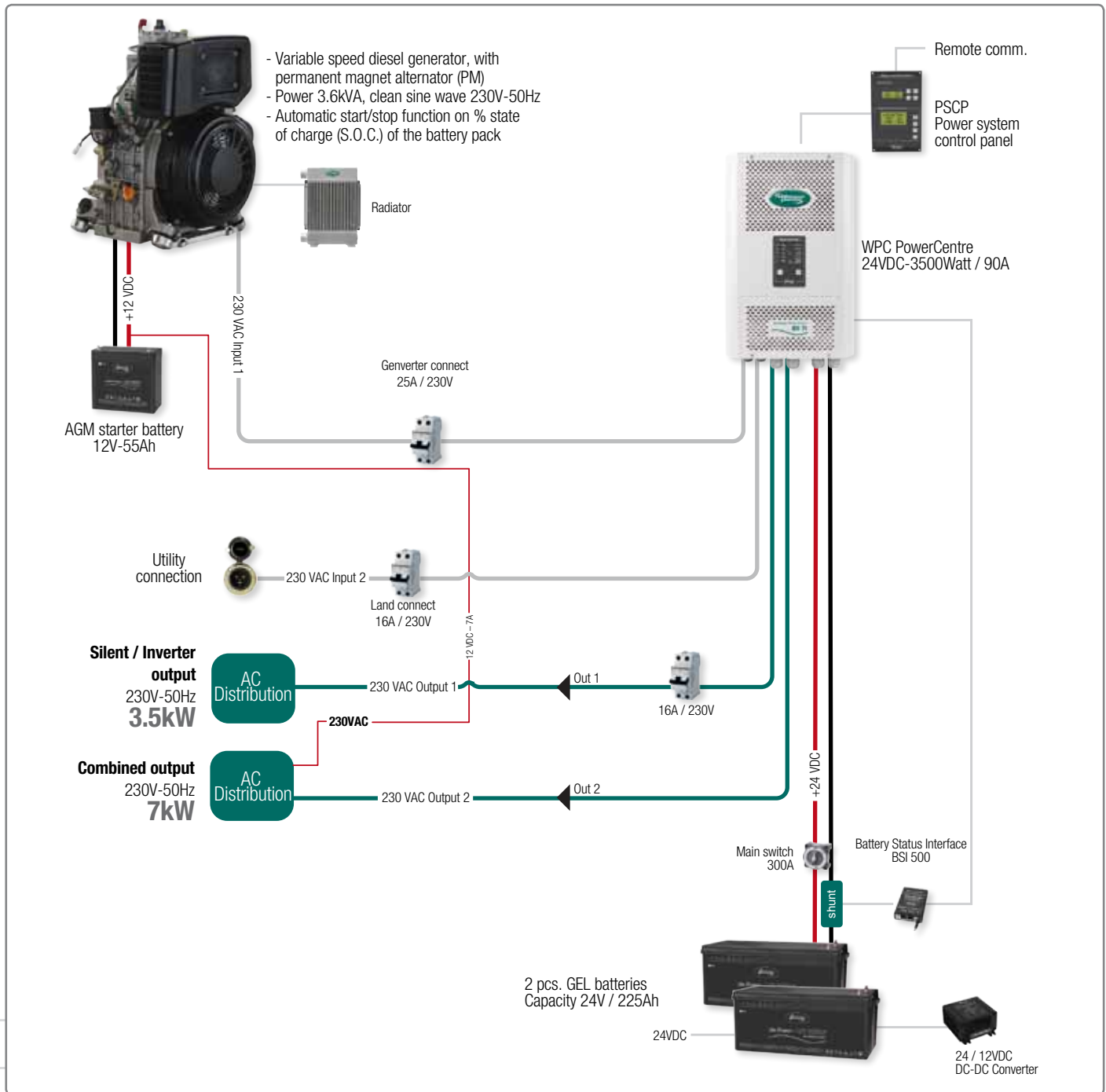


## All-in-one PowerStation 7kVA Technical specifications

ALL-IN-ONE POWER STATION	
Art. nr.	44904400
<b>SYSTEM SPECIFICATIONS</b>	
Combined system output	7kVA
Generator power (3000 rpm)	4.4kVA, 3.5kW
Silent power (inverter mode)	3.5kVA
<b>GENERATOR SPECIFICATIONS</b>	
Max. output AC	36A
Nominal voltage AC	230VAC *)
Nominal current AC	16.5A, 3.6kVA
Nominal frequency AC	50.0Hz
Thd nominal operation AC	<5%
Leading or lagging power factor	0.1 - 1
Parallel use with AC grid (<25A)	silent mode only
<b>SPECIFICATIONS DIESEL ENGINE</b>	
Engine model	Whisper WP1
Number of cylinders	1
Cylinder capacity	300cc
Air consumption	0.42 m <sup>3</sup> /min @3000rpm
Engine cooling	fully oil cooled, by radiator or indirect water
Fuel consumption (no load-full load)	0.8-1.5l/h
<b>INVERTER SPECIFICATIONS</b>	
Cont. power 25°C	3.5kVA
Max. power	10.5kVA
Standby consumption	1.8W
Efficiency (typical)	96%
<b>BATTERY CHARGER SPECIFICATIONS</b>	
Charge current	90A (24VDC), 3-step, AGM, GEL, Fluid
Charge from AC grid	160 - 260VAC
Temperature sensor	yes, included
<b>MECHANICAL SPECIFICATIONS</b>	
Cooling	radiator/air (mobile) or watercooling (marine)
Dimensions incl. sound shield	h x b x d: 60cm x 100cm x 62cm
Dry weight	300kg
Alternator	air-cooled permanent magnet
Material/Color	Stainless Steel or Sheet metal
Temperature range operational	-20°C to 40°C
Protection degree	engine compartment IP44, electronic compartment IP23
Relative humidity	max. 95% relative humidity, none condensing

\*) 230V - 120VAC - 60Hz at request

# System component lay-out (Single line diagram)



Generating Confidence

Sales outlets in more than 50 countries  
[www.whisperpower.com](http://www.whisperpower.com)

Headoffice WhisperPower BV • Kelvinlaan 82 • 9207 JB Drachten • the Netherlands  
 Tel: +31 (0) 512 571 550 • Fax: +31 (0) 512 571 599  
 sales@whisperpower.com • www.whisperpower.com

WhisperPower sales outlet: