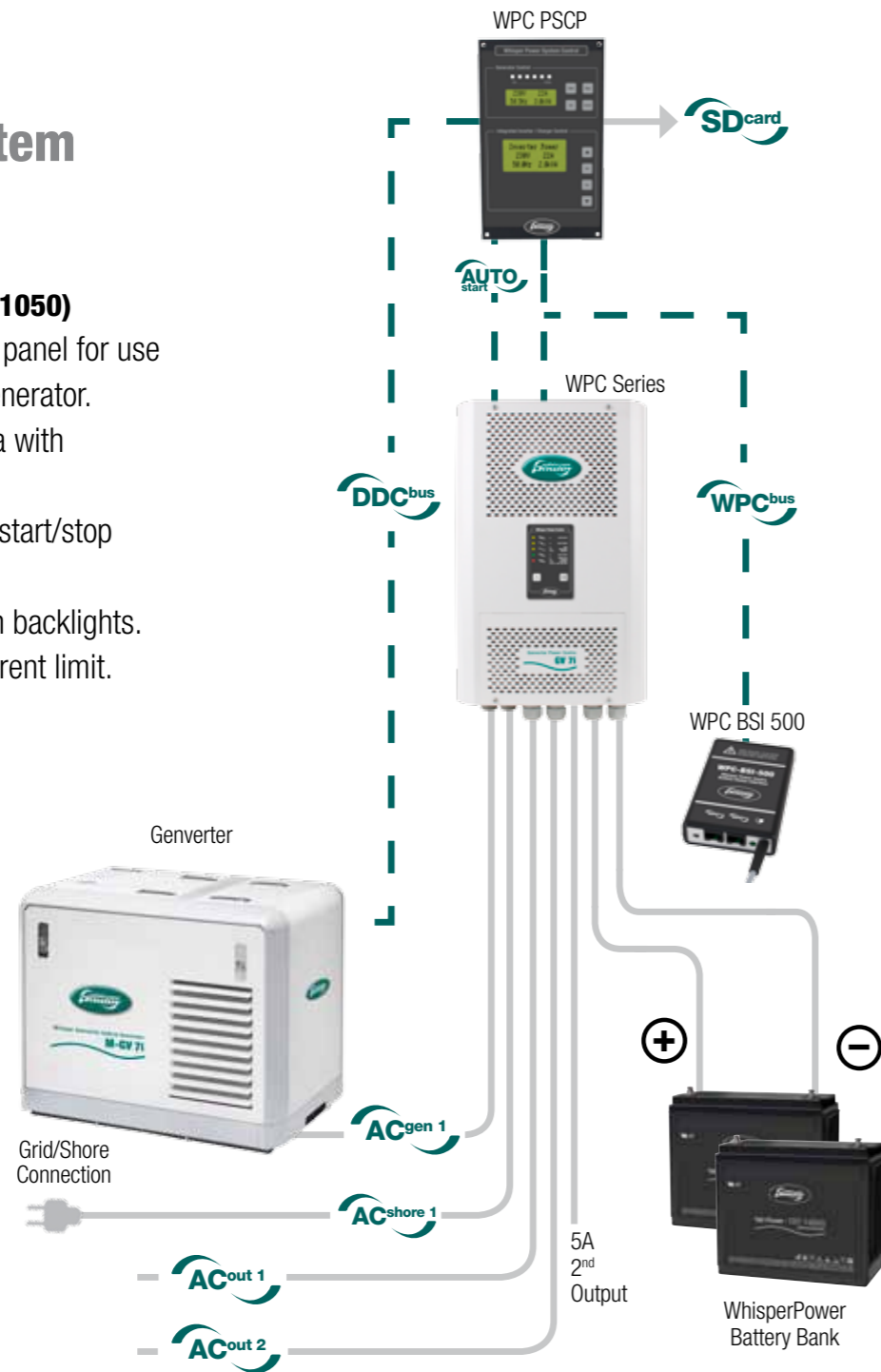


Complete System Configuration

Standard features of the WPC-PSCP (Art. nr. 60201050)

- Easy to connect remote panel for use with the GV 7i hybrid generator.
- Monitors all system data with only one remote panel.
- Includes extended auto start/stop functionality.
- Bright LCD displays with backlights.
- Easy set-up of input current limit.



Technical sales partner:

Genverter - HYBRID Power System

marine • mobile • land based • domestic • solar • back-up



GV 7i Diesel generator + inverter + battery charger

- 3.4 kVA/230VAC diesel generator
- 3.5 kVA/230VAC sine wave inverter
- Built-in charger for 12, 24 or 48 VDC batteries
- Land power connection
- Variable speed 2500 - 3400 rpm
- Fully automatic operation
- Silent, liquid cooled diesel engine
- Plug & Play installation
- Combined output 6 kVA cont. / 7 kVA max. (24V models)



smart energy solutions



smart energy solutions



Hybrid Generator GV 7i

Marine Mobile	M-GV7i 12V W-GV7i 12V	M-GV7i 24V W-GV7i 24V	M-GV7i 48V W-GV7i 48V
Engine speed	2500-3400rpm	2500-3400rpm	2500-3400rpm
Combined system output	5.4 kVA	6.9 kVA	7.4 kVA
Generator power (running engine)	3.4 kVA	3.4 kVA	3.4 kVA
Silent power (P30) (inverter only)	2 kVA	3.5 kVA	4 kVA

Genverter

Specifications	Mobile/Land	Marine
Engine speed	variable speed 2500-3400 rpm	
Generator power (max.)	3.4 kVA	
Peak output AC	200% 0.75-1000A ² s	
Nominal voltage AC	230 VAC	
Max. current AC	16.5 A	
Nominal frequency AC	50.0 Hz	
Thd nominal operation AC	<5%	
Leading or lagging power factor	all cos φ allowed	
Parallel use (multiple systems)	2 units max.	
Capacity (starter) battery (AGM)	12 V 55 Ah	
Battery charge current	10 A maintenance charger	
Cooling	Radiator/Air	Indirect watercooling
Dimensions incl. sound sh. (l*w*h) [mm]	630*480*520	
Dry weight	94 Kg	
Dry / Wet exhaust pipe	ø 1 inch BSP inner thread dry	wet ø 40 mm
Location oil refill cap	top&side	
Max. Operation angle (in all directions)	20°	
Alternator	air-cooled permanent magnet	
Material / Color	sheet metal / RAL 9003	
Temperature range operational	-20°C to 40°C	
Protection degree	Engine compartment IP44, Electronic compartment IP23	
Relative humidity	Max. 95% relative humidity, non condensing	
Remote control	DDC panel	
Specifications diesel engine		
Engine model	Whisper WP1	
Number of cylinders	1	
Cylinder capacity	300 cc	
Air consumption	0.42 m ³ /min @3000rpm	
Engine cooling	fully oil cooled	
Fuel consumption (no load-full load)	0.8-1.5 ltrs/hrs	

Power System Control Panel WPC-PSCP
Combined Remote Control and Monitoring Panel for WhisperPower Generators and Genverter Series.



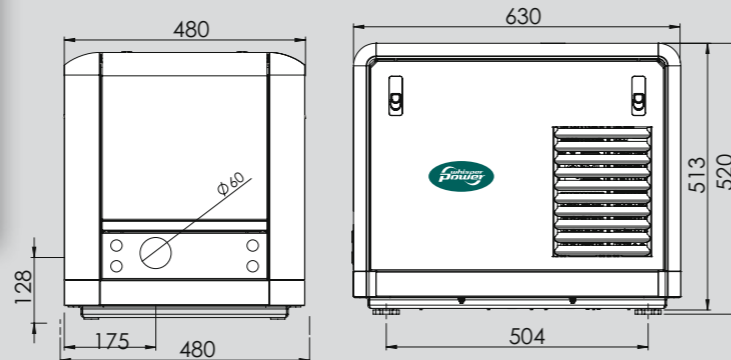
Mobile Cooling Principle

Radiatorsystem for cooling - built in into the cabinet (Mobile & Land versions). Optional external.



Marine Cooling Principle

DELTA Water/gas separator kit & DELTA Exhaust kit
Exhaust system for marine versions - Ask for our comprehensive catalogue.

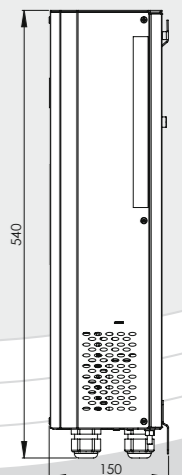
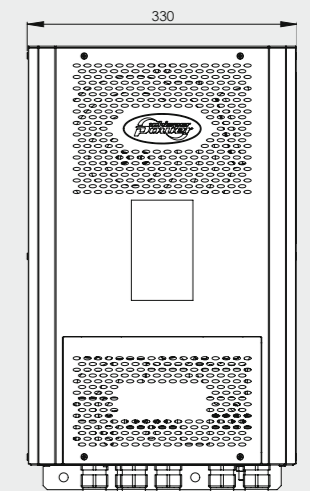


Whisper Power Centre

Model name	WPC-2000-12*	WPC-3500-24*	WPC-4000-48*
Art. Nr.	60201001	60201002	60201003
Technical specifications			
Inverter			
Nominal battery voltage	12 VDC	24 VDC	48 VDC
Input voltage range	9.5..17 VDC	19..34 VDC	38..68 VDC
Continuous power @ 25°C	2000VA	3000VA	3500VA
Power 30 min. @ 25°C	2000VA	3500VA	4000VA
Power 5 sec. @ 25°C	6000VA	9000VA	10500VA
Maximum load	Up to short-circuit (fully protected)		
Maximum a-symmetric load	Up to continuous power		
Load detection (stand-by)	2 to 25W (AES) Automatic Enable System		
Power factor	0.1..1		
Maximum efficiency	93%	94%	96%
Consumption OFF/Stand-by/ON	1.4W/1.6W/9W	1.4W/1.6W/12W	1.8W/2.1W/14W
Output voltage	Pure sine wave 230 VAC (+/- 2%)		
Output frequency	50Hz / 60Hz (1) +/- 0.05% (crystal controlled)		
Harmonic distortion (Voltage)	<2% THD		
Overload and short-circuit protection	Automatic disconnection with 3 time restart attempt		
Overheat protection	Warning before shut-off with automatic restart		
Battery charger			
Charge Characteristic	6-step Bulk-Absorption-Floating-Equalization-reduced floating-periodic absorption. Number of steps, thresholds, return amps completely adjustable.		
Maximum charging current	100A	90A	50A
2 nd Output	5A 3-step Charger	5A 3-step Charger	None
Temperature compensation	With Whisper temperature sensor WPC-BTS		
Power Factor Correction (PFC)	EN 61000-3-2		
General data			
Input voltage range	150 to 250 VAC		
Input frequency	45 to 65 Hz		
Input current max. (transfer relay) / Output current max.	30A / 38A	30A / 45A	30A / 47A
Transfer time	<15ms		
Weight	25 kg	28 kg	28 kg
Dimension h*wx*d [mm]	540 x 330 x 150		
Protection degree	IP21		
Color	RAL 9003		
Conformity	Directive EMC 2004/108/EC : EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 61000-3-2, 62040-2. Low voltage directive 2006/95/EC : EN 62040-1-1, EN 50091-2, EN 60950-1		
Operating temperature range	0..+40°C, derating to 55°C		
Relative humidity in operation	95% without condensation		
Ventilation	Forced from 45°C		
Acoustic level	<40dB / <45dB (without/with ventilation)		
Warranty	2 years		

Robust heavy duty Power Centre for a perfect System Integration

- Combined charger and sine wave inverter
- Power support function (smart-boost)
- Highly efficient (93-96%)
- Superior start-up power
- Dual input: generator and grid/shore input
- Dual output: High power & Inverter output
- Seamless AC source switching
- Available for 12, 24 and 48 VDC



WPC-Accessoires

Art. Nr.	Item
60201050	WPC-PSCP Power System Control Panel
60201080	WPC-RCC Remote Combi Control
60201082	WPC-BSI 500 Battery Status Interface
60201084	WPC-RS232 Serial Interface
60201086	WPC-BTS Battery Temperature Sensor

*) Designed to operate with Whisper SC & SQ diesel generators. 'Powerbox' delivered as part of the Genverter 7i