

System Combi's

WPC series

| WPC 12/3000/160 | |
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| WP-60201321 | |
| TECHNICAL SPECIFICATIONS | |
| INVERTER | |
| Nominal battery voltage | 12 VDC |
| Input voltage range | 9.5...17 VDC |
| Continuous power at 80°F/25°C | 2500 VA |
| Power 30 min at 80°F/25°C | 3000 VA |
| Power 5 s at 80°F/25°C | 7500 VA |
| Maximum load | Fully protected up to short circuit |
| Maximum asymmetric load | Up to continuous power |
| Cos phi | 0.1 .. 1 |
| Maximum efficiency | 93% |
| Consumption off / standby / on | 1.8W / 2.1 W / 14W |
| Output voltage | Pure sine wave 120 V (±2%) |
| Output frequency | 60 Hz ± 0.05% (crystal controlled) |
| Harmonic distortion (sine) | <2% THD |
| Overload protection and short circuit | Switches itself off after 3 start attempts |
| Overheating protection | Warning, followed by shutdown and automatic restart |
| BATTERY CHARGER | |
| Charge characteristics | Multi-step: bulk-absorption-float, Suitable for all types of batteries |
| Maximum charger current | 160 A |
| Temperature Compensation | With WhisperPower temperature sensor WPC-BTS |
| Power factor correction | 61000-3-2 |
| GENERAL SPECIFICATIONS | |
| Input voltage range | 184 .. 250 V |
| Input frequency | 45 .. 65 Hz |
| Maximum input current (switching relay) / maximum output current | 30 A/50 A |
| Transfer time | <15ms |
| Weight | 75 lbs |
| Dimensions w x d x h (in) | 19.7 x 11.8 x 9.0 |
| International Protection rating | IP21 |
| Colour | RAL 9003 |
| Conforms to | EMC Directive 2004/108/EC : EN 61000-6-1, EN 61000-6-3, |
| Operating temperature range | -4 .. 104°F (power reduction 104 .. 131°F) |
| Relative humidity (during operation) | 95%, non-condensing |
| Cooling | Temp. controlled fan above 113°F |
| Noise level | <40dB / <45dB (without / with cooling) |
| Warranty | 2 years, 5 years as part of complete system |



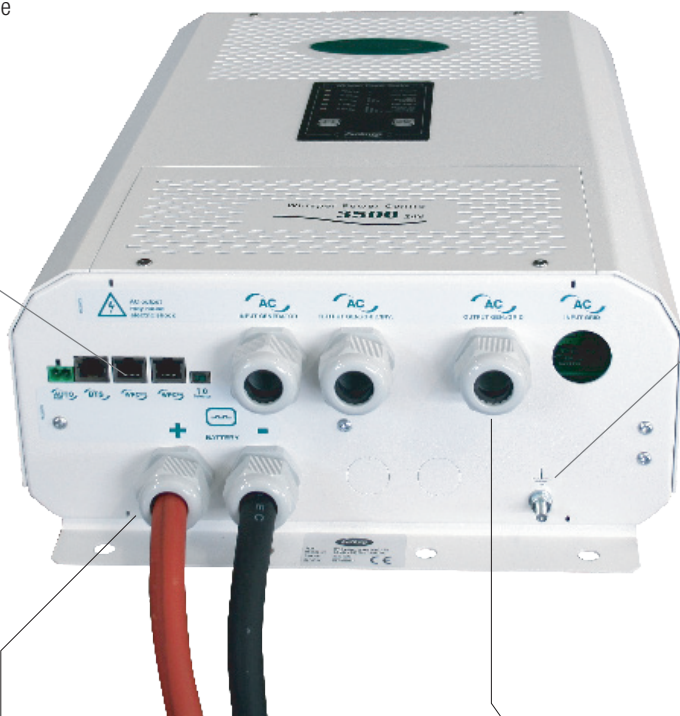
*) Designed for use with Whisper Piccolo / SQ / Genverter, dual input - also available with single input

**) Single AC input and dual AC outputs. See catalog for our WhisperSwitch external transfer relays.



PLUG & PLAY

- Auto start stop connection (see also WPC – BSI)
- Connection for Temperature Sensor (to be put on battery)
- WPC Bus interface connection to Remote panel (RCC/ Touch)
- Connection for RS 232 Data Logger Module

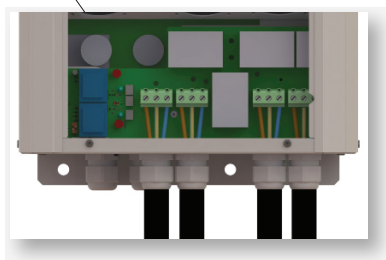


SAFETY FIRST

- Galvanic input to output separation
- Earth stud
- Completely protected against overload and overtemperature

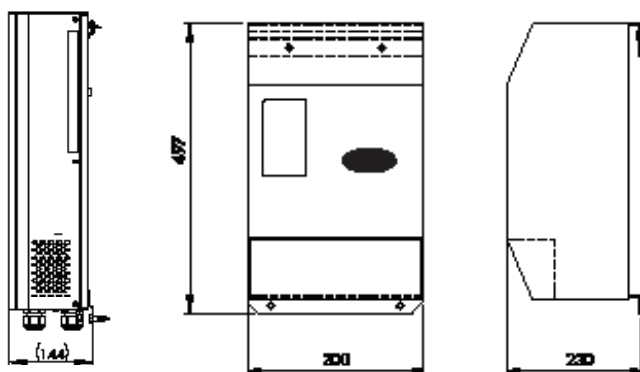
EASY TO INSTALL

- As standard supplied with 6.5' of marine grade DC cables
- Hard wiring connection of all AC & DC connections
- External holes for wall mounting



- AC Output Gen/Grid/Inv.

WPC DIMENSIONS



WPC 12-2000 / 24-3500 / 48-4000

WPC 12-3000 / 24-5000

Important Accesories / Related Products



WPC-BSI 500 Battery Status Interface
Art. Nr. 60201082



WPC-RS232 Data Logger Module with SD
memory card Art. Nr. 60201084



WPC-BUS cable 50'
Art. Nr. 60201032



WPC auto start/stop cable 50'
Art. Nr. 60201030



WPC-BTS Battery Temperature Sensor
Art. Nr. 60201086



WP Touch 7 inch screen (art no. 40280101)