



Specifications

WPC 12 V / 3000 VA – 160 A

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ARTICLE NUMBER

60201315

WPC 12 V / 3000 VA - 160 A

TECHNICAL SPECIFICATIONS

Nominal battery voltage	12 VDC
Continuous power @ 25°C	2500 VA
Power 30 min. @ 25°C	3000 VA
Power 5 sec. @ 25°C	7500 VA
Maximum load	Up to short-circuit (fully protected)
Maximum a-symmetric load	Up to continuous power
Load detection (stand-by)	2 to 25 W (AES) Automatic Enable System
Power factor	0.1 - 1
Efficiency (@ full load)	93 %
Consumption OFF / Stand-by / ON	1.8 W / 2.1 W / 14 W
Output voltage	Pure sine wave 230 VAC (+/- 2%)
Output frequency	50 Hz / 60 Hz (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 SPECIFICATIONS

Charge Characteristic	6-step Bulk - Absorption - Floating - Equalization - reduced floating - periodic absorption. Number of steps, thresholds and return amps are completely adjustable.
Maximum charging current	160 A
Temperature compensation	With Whisper temperature sensor WPC-BTS
Power Factor Correction (PFC)	EN 61000-3-2
Input voltage range	150 to 250 VAC
Input frequency range	45 to 65 Hz
Input current max. (transfer relay) / Output current max.	50 A / 56 A
Transfer time	<15 ms

MAIN SPECIFICATIONS

Weight	34 kg
Dimension H x W x D [mm]	500 x 300 x 230 mm

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	-20..+40°C, derating to 55°C
Relative humidity (operational)	95% without condensation
Ventilation	Forced from 45°C
Warranty	2 years
Acoustic level	<40 dB / <45 dB (without / with ventilation)

ACCESSORIES

60201032	WPC-BUS cable 15 meter
60201030	WPC auto start cable 15 meter
60201021	WPC 24 VDC - 5 A slave charger (optional second slave charger to be 'build in' WPC)
40280101	Touchpanel screen full color 7"