



Specifications

Supreme Pro 24 V – 100 A

16-08-2022

ARTICLE NUMBER

60205401

WP-BC Supreme Pro 24 V - 100 A

DIMENSIONS & WEIGHT

Weight	6.6 kg /14.55 lbs
Enclosure type & dimensions (hxwxh in mm)	445 x 210 x 145
Enclosure type & dimensions (hxwxh in inch)	17.5 x 8.2 x 5.7

TECHNICAL SPECIFICATIONS

Power factor (cos phi)	≥ 0.97
Full load consumption (230VAC)	3375 VA
Voltage compensation	Yes, automatic
DC consumption with connected battery	$< 5 \text{ mA}$
Display	LCD
Temperature range	-25 to +60 °C / -13 to 140 °F, above 40 °C derating
Cooling	Vario fan and natural cooling to ensure optimized cooling
Sound level	$< 55\text{dBA @ } 1 \text{ m}$
Protection degree	IP23
Optional	- Remote panel WP-SCC with current adjust - Touch panel 5, 7 or 10 inch

GENERAL SPECIFICATIONS

Nominal input voltage	120/230 V (90-265 V)
Nominal input frequency	50/60 Hz (45-65 Hz)
Nominal output voltage	24 V
Total charge current	100 A @ 28.8 V
Number of battery outlets	3
Charge current second output	6 A, $\pm 1 \text{ A}$
Charge current third output	6 A, $\pm 1 \text{ A}$

Charge characteristic	IUoUo, automatic / 3-step for GEL/AGM/wet/lead acid batteries
Charge voltage Bulk (25 ?C) *	28.8 V
Charge voltage Absorption (25 ?C) *	28.5 V
Charge voltage Float (25 ?C) *	26.5 V
Max. Absobtion time *	4 hours
Max. Bulk time (start @ 13.25/26.5V) *	8 hours
Min. Absorption time *	15 min.
Battery capacity (recommendation)	400-1500 Ah
Temperature compensation	By BTS-Battery temperature sensor, standard supply