



Specifications

Supreme Pro 24 VDC – 100 A

05-02-2025

ARTICLE NUMBER

60205401

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

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, ± 1 A

Charge current third output

6 A, ± 1 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. Absorption 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

TECHNICAL SPECIFICATIONS

Power factor (cos phi)

≥ 0.97

Full load consumption (230VAC)

3375 VA

Voltage compensation

Yes, automatic

DC consumption with connected battery

< 5 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 dBA @ 1 m

Protection degree

IP23

Optional

- Remote panel WP-SCC with current adjust- Touch panel 5, 7 or 10 inch