



Specifications

Supreme 12 VDC – 40 A

05-02-2025

ARTICLE NUMBER

61112304

Supreme 12 VDC - 40 A

DIMENSIONS & WEIGHT

Weight

2.6 Kg / 5.7 lb.

Length x width x height, mm (in.)

295 x 206 x 86 (11.6 x 8.1 x 3.4)

TECHNICAL SPECIFICATIONS

Output Current (Maximum)

40 A

Output Voltage Charge

14.2 - 15.5 V

Output Voltage Float

13.4 - 13.8 V

Output Voltage Equalize

16.0 V

Charging Control

3-step (Bulk / Absorption / Float)

DC Output Bank

3

Selectable Battery Type

GEL, AGM, WET, Lithium

Parasitic Current

< 2 mA

CHARGER INPUT

AC Input Voltage (Nominal)

100, 120, 220, 230, 240 VAC

AC Input Operating Range

90 - 265 VAC

AC Input Frequency Range

47 - 63 Hz

Power Consumption (Full Load)

700 W

Power Factor Correction

Yes

Charger Efficiency

> 82%

PROTECTION AND FEATURES

Reverse Battery

Yes, unit shutdown

Over Charge

Yes, unit shutdown

Over Heating

Yes, unit de-rated and shutdown

Output Short Circuit

Yes, unit shutdown

Cooling

Forced air ventilation

Temperature Setting

Hot, Normal, Cold (no sensor connected)

Battery Temperature Sensor

Yes included with 1.5 mtr cable

Battery Temperature Sensor Port

RJ12 (battery temp. sensor use)

Digital Display Port

RJ12 (optional display panel use)

DISPLAY

LCD Display (with back lighting)

Charging status, Battery Voltage

Warning and Fault Code

A01-02, E01-09

AC INPUT AND DC OUTPUT CONNECTION

AC Input Connection

Hardwire or AC Cord

DC Output Connection

Heavy Duty Studs (3 banks)

DC Output Ground

Single Heavy Duty Common Ground Stud

ENVIRONMENTAL AND OPERATING TEMPERATURE

Storage Range

-40° to 70°C

Operating Range

-20° to 60°C

Humidity

5-95%, RH non-condensing

Ingress Protection

IP32