



Specifications

Supreme 24 VDC – 30 A

05-02-2025

ARTICLE NUMBER

61124303

Supreme 24 VDC - 30 A

DIMENSIONS & WEIGHT

Weight

4 Kg / 8.8 lb.

Length x width x height, mm (in.)

356 x 206 x 99 (14 x 8.1 x 3.8)

TECHNICAL SPECIFICATIONS

Output Current (Maximum)

30 A

Output Voltage Charge

28.4 - 31 V

Output Voltage Float

26.8 - 27.6 V

Output Voltage Equalize

32.0 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)

1050 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

DC Fuse

2*20 A , 32 V

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)

Warning and Fault Code

AC INPUT AND DC OUTPUT CONNECTION

AC Input Connection

DC Output Connection

DC Output Ground

ENVIRONMENTAL AND OPERATING TEMPERATURE

Storage Range

Operating Range

Humidity

Ingress Protection

Charging status, Battery Voltage

A01-02, E01-09

Hardwire or AC Cord

Heavy Duty Studs (3 banks)

Single Heavy Duty Common Ground Stud

-40° to 70°C

-20° to 60°C

5-95%, RH non-condensing

IP32