



Specifications

WP-BC Supreme

24 V – 30 A

08-08-2022

ARTICLE NUMBER

61124303

WP-BC Supreme 24 V - 30 A

DIMENSIONS & WEIGHT

Weight

4 Kg , 8.8 lb.

Dimensions

356 x 206 x 99 mm, 14 x 8.1 x 3.8 inches

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

DISPLAY

LCD Display (with back lighting)

Charging status, Battery Voltage

Warning and Fault Code

A01-02, E01-09

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
Digital Display Port

RJ12 (battery temp. sensor use)
RJ12 (optional display panel use)

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%

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