



# Specifications

## WP-BC Supreme

### 12 V – 100 A

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#### ARTICLE NUMBER

61112310

WP-BC Supreme 12 V - 100 A

#### DIMENSIONS & WEIGHT

Weight

6.4 Kg , 14.1 lb.

Dimensions

425 x 236 x 103 mm, 16.7 x 9.3 x 4.1 inches

#### TECHNICAL SPECIFICATIONS

Output Current (Maximum)

100 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, Lithium and open lead acid

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

Cooling

Mechanical

Temperature Setting

Hot, Normal, Cold (no sensor connected)

Battery Temperature Sensor Port

RJ12 (battery temp. sensor use)

Digital Display Port

RJ12 (optional remote display panel)

**Charger Input:**

AC Input Voltage (Nominal)	120, 230, 240 VAC
AC Input Operating Range	90 - 265 VAC
AC Input Frequency Range	47 - 63 Hz
Power Consumption (Full Load)	1800 W
Power Factor Correction	Yes
Charger Efficiency	> 84%

**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%, non-condensing
Ingress Protection	IP32 (24/20 IP65)