WhisperPower Battery Charger - BC Supreme series
Automatic 3-stage battery chargers for GEL, AGM and Lithium flooded lead acid

WP-BC Supreme Switched Mode Battery Chargers
12V/20A • 12V/40A • 12V/60A • 24V/30A
• For a fast and reliable charge of your batteries
• Extends battery life time

- Multiple outputs to charge 3 batteries
- Fully automatic 3-stage charge method
- Temperature sensor plus cable included
- Adjustable for GEL, AGM or Lithium flooded lead acid
- Auto ranging input from 90-260VAC, 50 / 60Hz
- Connectable to any AC generator
- Fully protected against short circuit, overtemperature, etc.

Powering your Lifestyle
**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>12V/20A</th>
<th>12V/40A</th>
<th>12V/60A</th>
<th>24V/30A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>61112302</td>
<td>61112304</td>
<td>61112306</td>
<td>61124303</td>
</tr>
</tbody>
</table>

**Charger Output:**

- **Output Current (Maximum):** 20A, 40A, 60A, 30A
- **Output Voltage Range:**
  - **Charge:** 14.2 - 15.5V, 28.4 - 31V
  - **Float:** 13.4 - 13.8V, 26.8 - 27.6V
  - **Equalize:** 16.0V, 32.0V
- **Charging Control:** Three stages (Bulk/Absorption/Float) or Two stages (Bulk/Absorption) with Constant Power Supply (Program setting).
- **DC Output Bank:** Three
- **Selectable Battery Type:** Gel, AGM, Flooded, Lithium, Program
- **Parasitic Current:** < 2 mA

**Protection and Features:**

- **Reverse Battery:** Yes, unit shutdown
- **Over Charge:** Yes, unit shutdown
- **Over Temperature:** Yes, unit re-rated and shutdown
- **Output Short Circuit:** Yes, unit shutdown
- **DC Fuse:** 2*15A, 32V, 2*30A, 32V, 3*30A, 32V, 2*20A, 32V
- **Cooling:** Force air ventilation
- **Temperature Setting:** Hot, Normal, Cold (no sensor connected)
- **Battery Temperature Sensor Port:** RJ12 (optional battery temp. sensor use)
- **Digital Display Port:** RJ12 (optional display panel use)
- **Display:** LCD Display (with back lighting) for 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 (-40° to 158°F)
- **Operating Range:** -20° to 60°C (-4° to 140°F)
- **Humidity:** 5-95%, RH non-condensing
- **Ingress Protection:** IP32

**Base Unit Weight and Dimensions:**

- **WP-BC 12/20-3:** 5.3 lb., 11.6 x 8.1 x 3.4 inches (2.4 Kg, 295 x 206 x 86 mm)
- **WP-BC 12/40-3:** 5.7 lb., 11.6 x 8.1 x 3.4 inches (2.6 Kg, 295 x 206 x 86 mm)
- **WP-BC 12/60-3:** 8.8 lb., 14 x 8.1 x 3.8 inches (4.0 Kg, 356 x 206 x 99mm)
- **WP-BC 24/30-3:** 8.8 lb., 14 x 8.1 x 3.8 inches (4.0 Kg, 356 x 206 x 99mm)

**Regulatory Compliance:**

- **Standards/Safety (North America):** Approved to UL1236 including the marine supplement UL1564 CSA C22.2 107.2-01
- **Standards/Safety (European Union):** CE marked for the low voltage directive 2006-95-EC, Complying with EN60335-2-29 battery chargers, Approved to IEC60603-2-01, IP32 ingress protection level
- **Standards/EMC (North America):** Class B according to FCC part15B and ANSI G63.4
- **Standards/EMC (European Union):** CE marked for the EMC directive 2004-108-EC, Complying with EN55011-1, EN55011-2, EN61000-3-2 and EN61000-3-3 (as equivalent IEC standards series)

Art. Nr. | Item
--- | ---
61112301 | WP-BC Battery Charger Control

Optional - available from 01-01-2014