

### DUAL OUTPUT



### APPLICATIONS

- Charges Lead Acid batteries
- Optimally designed for batteries up to 100 Ampere Hours

### KEY FEATURES

- Temperature compensation
- Three stage charger
- Dual LED displays for charging status
- Dual battery charger
- Dual independent battery charging
- Output can be combined in parallel
- Unattended charging

### OPERATIONAL CHARACTERISTICS

- Three stages of operation
  - **Bulk charge mode** – replaces 80% of the charge to the battery from a discharged state – 6 hour time limit
  - **Absorption mode** – a tapering current replacing the final 20% of the charge to the battery – end current is a pre-programmed value
  - **Float mode** – maintains the battery's float voltage.

### CHARGES THE FOLLOWING BATTERIES

- Flooded/wet lead acid batteries
- Valve Regulated Lead Acid (VRLA) batteries
- GEL lead acid batteries

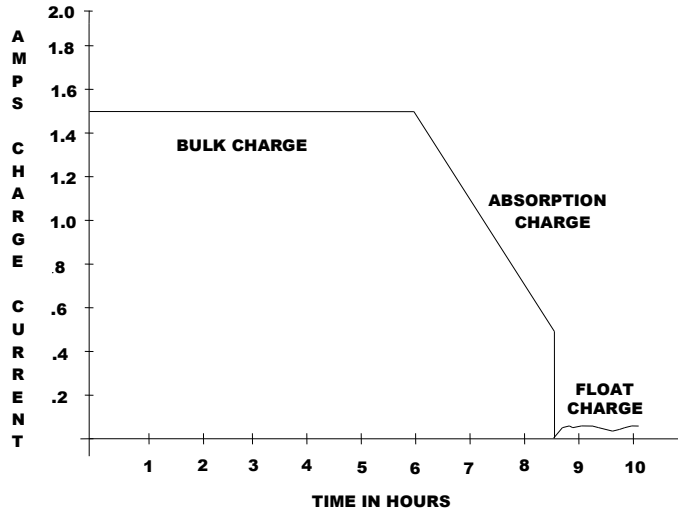
### CHARGER SPECIFICATIONS

<b>Model No:</b> PC-7500
<b>AC Input Range:</b> 95 VAC to 265 VAC; 47Hz to 63Hz
<b>Battery Charge Voltage (per output):</b> 6 VDC, 12 VDC & 24 VDC (factory set)
<b>Battery Charge Current (per output):</b> <ul style="list-style-type: none"> <li>• 0.2 to 5.0 Amps at 6 VDC &amp; 12 VDC (factory set)</li> <li>• 0.2 to 3.5 Amps at 24 VDC (factory set)</li> </ul>
<b>Charger Power Out (per output):</b> 125 Watts maximum
<b>Battery Connection:</b> XLR 4-pin connector; located on front Pin 1: Battery 1 Positive (+); Pin 2: Battery 1 Negative (-) Pin 3: Battery 2 Positive (+); Pin 4: Battery 2 Negative (-)
<b>Led Indicators (per output):</b> <ul style="list-style-type: none"> <li>• Solid red LED – Charger is on ready to charge w/o battery connected</li> <li>• Flashing green LED – Bulk charge mode and Absorption charge mode</li> <li>• Solid green LED – Float charge mode</li> <li>• Flashing red LED – Battery is connected in reverse or charger error</li> </ul>
<b>Weight:</b> 3.8 lbs. (1.7 Kg)
<b>Dimensions:</b> 8" x 5.6" x 3.0" H (20.3cm x 14.3cm x 7.6cm)
<b>Recommended Battery Charging Temp:</b> 10° C to +27° C (50°F to +80°F)
<b>Operating Temp:</b> 0° C to +50° C (32°F to +122°F)
<b>Storage Temp:</b> -40° C to +70° C (-40°F to +158°F)
<b>Humidity:</b> 95% relative
<b>Color:</b> Black, anodized
<b>Exterior Housing:</b> Extruded aluminum body, polycarbonate end caps
<b>Harmonized Tariff Code:</b> 8504.40.9550

### CHARGER PART NUMBER DETERMINATION

- The PC-7500 specific part number can be configured and ordered using the following
  - PC-7500-N/M
  - Where **N** is the nominal battery voltage
  - Where **M** is the initial charge current in Amps

### TYPICAL CURRENT CURVE



### TYPICAL VOLTAGE CURVE

