



TYPICAL APPLICATIONS

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

KEY FEATURES

- Temperature compensation
- Three stage charger
- LED displays for charging status
- Single battery charger
- 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

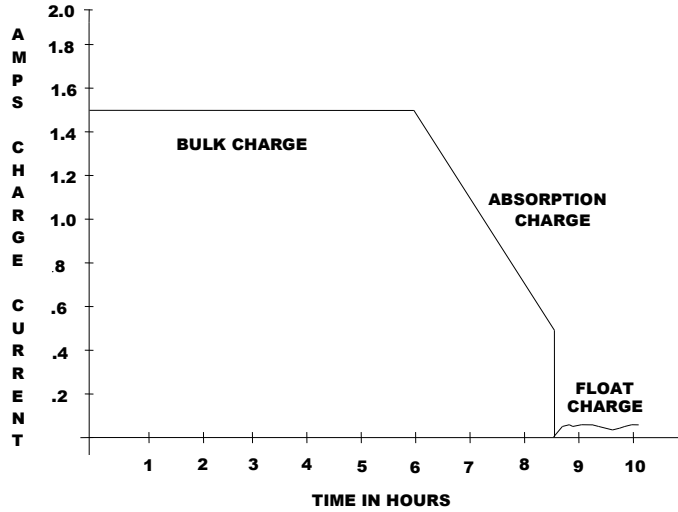
CHARGER SPECIFICATIONS

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| Model No: PC-7200 |
| AC Input Range: 95 VAC to 265 VAC; 47Hz to 63Hz |
| Battery Charge Voltage: 6 VDC, 12 VDC & 24 VDC (factory set) |
| Battery Charge Current: <ul style="list-style-type: none"> • 0.2 to 5.0 Amps at 6 VDC & 12 VDC (factory set) • 0.2 to 3.5 Amps at 24 VDC (factory set) |
| Charger Power Out: 120 Watts maximum |
| Battery Connection: XLR 3-pin connector; located on front Pin 1: Positive (+); Pin 2: Negative (-); Pin 3: Open |
| Led Indicators: <ul style="list-style-type: none"> • Solid red LED – Charger is on ready to charge w/o battery connected • Flashing green LED – Bulk charge mode and Absorption charge mode • Solid green LED – Float charge mode • Flashing red LED – Battery is connected in reverse or charger error |
| Weight: 3.5 lbs. (1.6 Kg) |
| Dimensions: 8" x 5.6" x 3.0" H (20.3cm x 14.3cm x 7.6cm) |
| Recommended Battery Charging Temp: 10° C to +27° C (50°F to +80°F) |
| Operating Temp: 0° C to +50° C (32°F to +122°F) |
| Storage Temp: -40° C to +70° C (-40°F to +158°F) |
| Humidity: 95% relative |
| Color: Black, anodized |
| Exterior Housing: Extruded aluminum body, polycarbonate end caps |
| Harmonized Tariff Code: 8504.40.9550 |

CHARGER PART NUMBER DETERMINATION

- The PC-7200 specific part number can be configured and ordered using the following
 - PC-7200-**N/M**
 - Where **N** is the nominal battery voltage
 - Where **M** is the initial charge current in Amps

TYPICAL CURRENT CURVE



TYPICAL VOLTAGE CURVE

