



APPLICATIONS

- Charges Lithium Ion batteries
- Optimally designed for batteries up to 20 Ampere Hours

KEY FEATURES

- Three stage charger
- LED displays for charging status
- Single battery charger
- Unattended charging

OPERATIONAL CHARACTERISTICS

- Three stages of operation.
 - **Pre-Qualification Mode** – when the battery is first connected to the charger, a current equal to 1/10 of the maximum charge current is applied to the battery to determine if the battery parameters fall within the acceptable tolerances for charging to begin.
 - **Constant Current Mode** – provided the battery parameters of terminal voltage, polarity and temperature are acceptable, the charging process begins using a constant current source, set for C/2, until the preset charge voltage is reached.
 - **Constant Voltage Mode** – once the preset charge voltage is reached, this mode provides a tapering current flow to the battery replacing the final 50% of the charge to the battery.

CHARGER SPECIFICATIONS

Model No: PC-6200
AC Input Range: 95 VAC to 265 VAC; 50/60 Hz
Battery Charge Voltage: 4.1 VDC to 16.8 VDC (factory set)
Battery Charge Current: 0.2 to 5.0 Amps (factory set)
Charger Power Out: 80 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 on, ready to charge, no battery connected • Flashing green LED – Battery charging • Solid green LED – Charging complete • Flashing red LED – Charger error or charging process failed
Weight: 1.1 lbs. (0.5 Kg)
Dimensions: 7" x 5" x 2 1/2" H (18cm x 13cm x 6.5cm)
Battery Charging Temp: 0° C to +45° C (32°F to +113°F)
Operating Temp: -20°C to +50°C (-4°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

CHARGES THE FOLLOWING

- 1, 2, 3 or 4 cells in series
 - 3.6 VDC to 14.8VDC nominal voltage

CHARGER PART NUMBER DETERMINATION

- The PC-6200 specific part number can be configured and ordered using the following
 - PC-6200-**NS-MA-4.P**
 - Where **N** is the number of cells in series
 - Where **M** is the initial charge current in Amps
 - Where **P** is the characteristic cell voltage, either .1 or .2