



BATTERY SPECIFICATIONS

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| Model No: PB-LW-02 |
| Voltage Range: 10.0V min.; 14.8V nom.; 16.8V max. |
| Nominal Capacity: 7.2 Ah @ 500mA @ 23°C (74°F) |
| Maximum Discharge: 4.0 A continuous @ 23°C (74°F) |
| Maximum Pulse Discharge: 6.0 A for 5 seconds @ 23°C (74°F) |
| Energy: 106 Wh |
| Energy Density: 130 Wh/kg, 179 Wh/l |
| Weight: 818 grams (1.8 lbs.) |
| Cycle Life: > 300 cycles @ C/5 to 80% of initial capacity @ 100% depth of discharge |
| Operating Temp: -20°C to +60°C (-4°F to +140°F) |
| Storage Temp: -20°C to +50°C (-4°F to +122°F) |
| Self-Discharge: < 3% per month @ 25°C (77°F) |
| Housing: Hard plastic, lusterless, black, UL 94 V-0, NORYL |
| Connector: LEMO HEN.1F.305.XLNP |
| Mating Connector: LEMO FGN.1F.305.YLC or LEMO FGN.1F.305.XLC |
| Flat Contacts: Copper alloy with gold plating over nickel plating |
| Communication: SMBus v1.1 communication protocol SBD v1.1 data set support |
| State of Charge Indicator: 5-segment LCD display |
| Safety: See Safety Data Sheet – SDS011 |
| Transportation: See Safety Data Sheet – SDS011 |
| Export Classification: EAR99 |
| Harmonized Tariff Schedule: 8507.60.0020 |
| Charging: Charge at constant voltage of 16.8 Volts in a temperature range of 0°C to +45°C (+32°F to +113°F), limiting current to 3.0 A max, at 23°C, until current declines to 200 mA. |
| Charging Method: The battery should be charged using a constant current/constant voltage (CC/CV) charging method. |

TYPICAL APPLICATIONS

- Military Training Systems
- Back-up Server Power
- Rugged, Portable Electronics

STANDARDS COMPLIANCE

- SMBus v 1.1 smart battery technology compliant
- SBD v 1.1 smart battery dataset compliant
- MIL-STD-810G compliant
- MIL-STD-461F (EMI) compliant
- UN/DOT Transportation 38.3 T1-T8 compliant
- Manufactured under ISO 9001:2008 certified quality system

KEY FEATURES

- Charging, discharging and SMBus capabilities available via the connector or flat contacts
- 5-segment State-of-Charge (SOC) display
- High energy density

COMPATIBLE CHARGERS

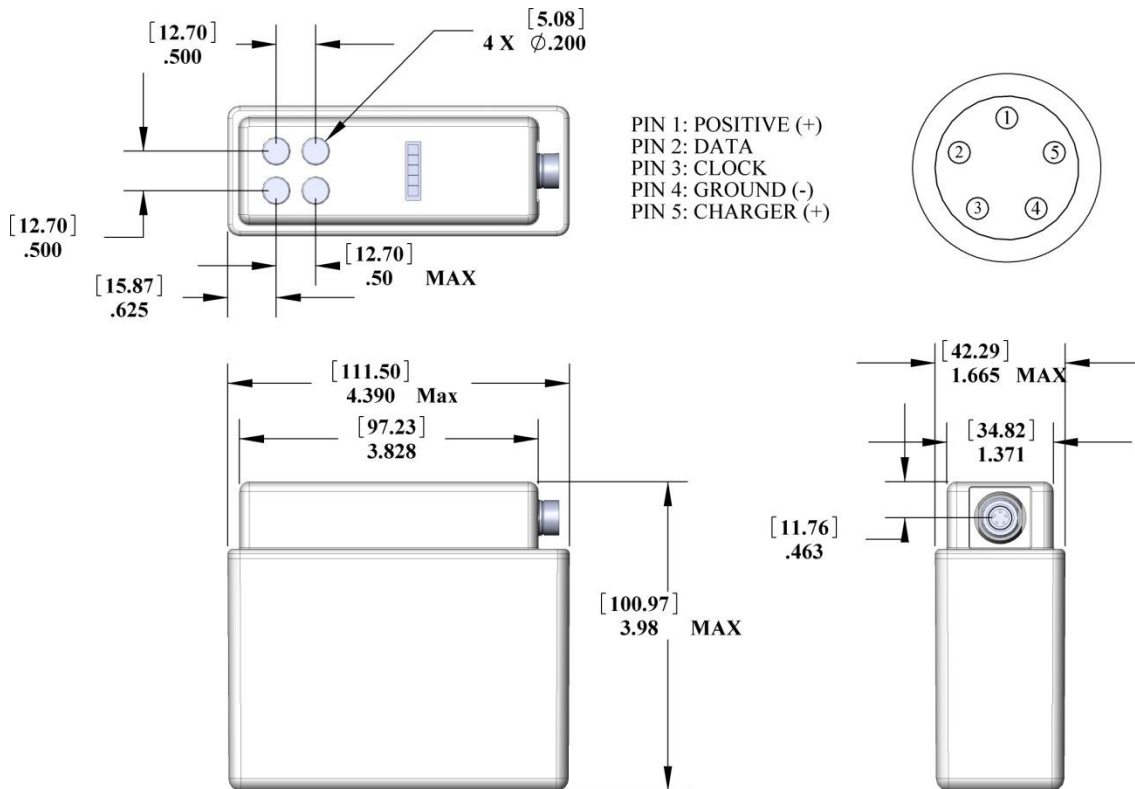
- **PC-6010-02** 1-bay tactical portable smart charger
- **PC-6805** 8-bay tactical portable smart charger
- **PC-3200M/C** 32-station bulk smart charger

COMPATIBLE CABLES

- **PE-CC2-04** discharge cable

COMPATIBLE BATTERY TESTER/ANALYZER

- **PE-BT-03**



Dimension in: inches [mm]

