



BATTERY SPECIFICATIONS

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|---|------------------------------|
| Model No: PB-LW-01-NC | NSN: 6140-01-608-1384 |
| Voltage Range: 10.0V min.; 14.8V nom.; 16.8V max. | |
| Nominal Capacity: 9.6 Ah @ 500mA @ 23°C (74°F) | |
| Maximum Discharge: 5.0 A continuous @ 23°C (74°F) | |
| Maximum Pulse Discharge: 7.5 A for 5 seconds @ 23°C (74°F) | |
| Energy: 142 Wh | |
| Energy Density: 142 Wh/kg, 223 Wh/l | |
| Weight: 998 grams (2.2 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: "NO CONNECTOR" | |
| 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 – SDS010 | |
| Transportation: See Safety Data Sheet – SDS010 | |
| 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

- CECOM Safety Assessment
- 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 flat contacts only
- 5-segment State-of-Charge (SOC) display
- High energy density

COMPATIBLE CHARGERS

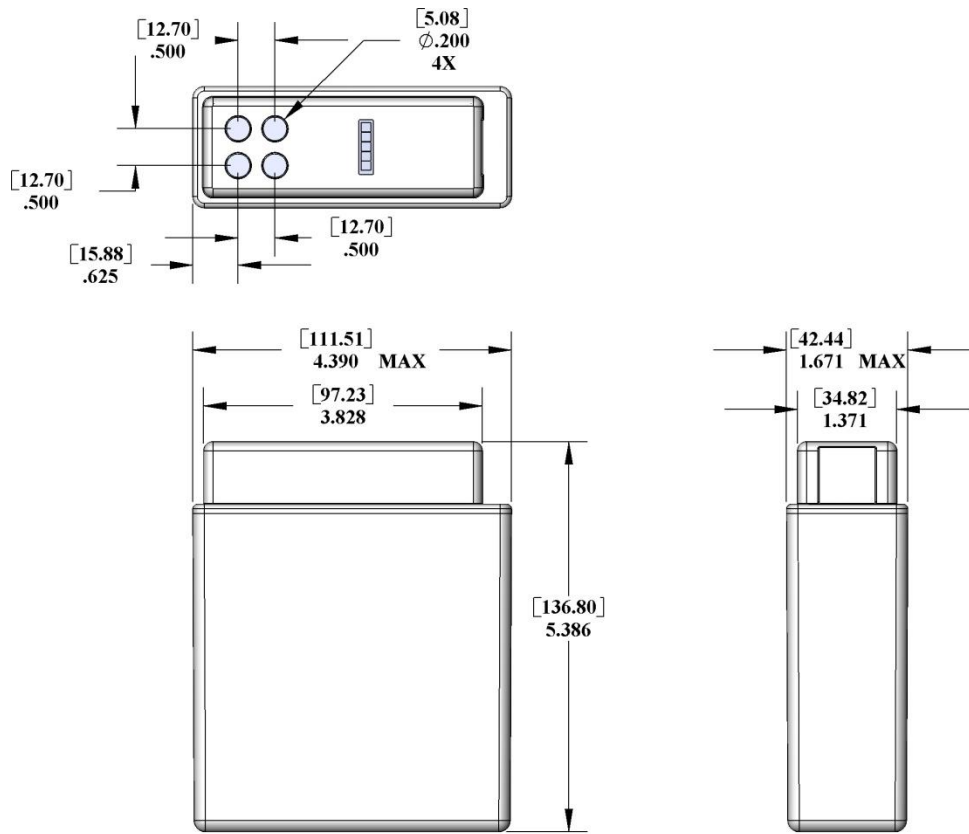
- **PC-6010-02** 1-bay tactical portable smart charger
- **PC-6805** 8-bay tactical portable smart charger
- **PC-3200M/C** 32-station bulk smart charger

COMPATIBLE CABLES

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

COMPATIBLE BATTERY TESTER/ANALYZER

- **PE-BT-03**



Dimension in: inches [mm]

