



BATTERY SPECIFICATIONS

Model No: PB-1301
Voltage Range: 3.0V min.; 3.7V nom.; 4.2V max.
Nominal Capacity: 7.2 Ah @ 500mA @ 23°C (74°F)
Maximum Discharge: 3.5 A continuous @ 23°C (74°F)
Maximum Pulse Discharge: 6.0A for 5 seconds @ 23°C (74°F)
Energy: 26 Wh
Energy Density: 155 Wh/kg, 317 Wh/l
Weight: 167 grams (0.367 lbs.) max.
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
Housing: Hard plastic, Black, UL 94 V-0, NORYL
Connector: Flat contacts - Nickel A400 per ASTM B127
Safety: See Safety Data Sheet – SDS047
Transportation: See Safety Data Sheet – SDS047
Export Classification: EAR99
Harmonized Tariff Code: 8507.60.0020
Charging: Charge at constant voltage of 4.2 Volts maximum 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 100mA.
Charging Method: This battery should be charged using a constant current/constant voltage (CC/CV) charging method.

TYPICAL APPLICATIONS

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

STANDARDS COMPLIANCE

- UN/DOT Transportation 38.3 T1-T8 compliant
- Manufactured under ISO 9001:2008 certified quality system

KEY FEATURES

- High energy density
- Long cycle life
- Lightweight

COMPATIBLE CHARGERS

- **PC-6150M** 15-bay tactical portable charger

