



BATTERY SPECIFICATIONS

Model No: PB-FE-01

Voltage Range:

3.0V min.; 3.7V nom.; 4.2V max.

Nominal Capacity:

7.2 Ah @ 500mA @ 23°C (74°F)

Maximum Discharge:

3.0 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: Shrink Wrap

Connector: Molex 502351-0400

Mating Connector: Molex 502352-0400

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 2.0 A max, at 23°C, until current declines to 100mA.

Charging Method: The battery should be charged using a constant current/constant voltage (CC/CV) charging method.

TYPICAL APPLICATIONS

- 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-6010/DP

