



OUTPUT PERFORMANCE
Nominal Voltage 14.4V
Maximum Voltage 16.8V
Discharge 6A Max Continuous

Energy Rating (Wh)
 Capacity (Ah)

BT-70909xx			
AK	AE	AG	AV
75	84	98	99
5.0	5.6	6.4	6.8

PHYSICAL CHARACTERISTICS
Nominal Dimensions
 Length: 7.1 in (180 mm)
 Width: 3.0 in (77 mm)
 Height: 0.9 in (23 mm)
Weight
 1.05 lbs (0.48 kg)
Connector
 BT Designed Mating Connector
State of Charge Indicator
 5 Segment LCDs with Constant Display

Operating Temperature	*-32°C to +60°C (-25.6°F to +140°F)
Storage Temperature	-40°C to +55°C (-40°F to +131°F)

*Cell Dependent, discuss with your BT contact

Rechargeable li-ion batteries comparable to Conformal Wearable Batteries (CWB) with 35% less penetrable surface area.

Features

- Qualified to MIL-STD-810 and MIL-STD-461
- Compliant with System Management Bus Specification (SMBus) v1.1 and Smart Battery Data (SBDData) v1.1
- Absolute state of charge indicator
- Compliant with U.S and International Shipping regulation to the UN Manual of Tests and Criteria, Part III, Subsection 38.3

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Typical Applications

- Soldier Modernization Programs (e.g. NETT Warrior)
- UAV Ground Station
- Training & Simulation Vest
- Radio Communication
- Light Weight Robotics

Examples of Applications

