

UBBL35: Rechargeable Conformal Battery

Preliminary Technical Datasheet



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- · Wearable and form-fitting
- · High energy density
- · Approximately 5/8" thick
- · Light weight & rugged
- · Easily concealed
- · Integrated State-of-Charge indicator
- · Robust internal protection circuitry
- Designed for EMI Compliance per MIL-STD-
- Supports the Smart Battery Data Spec V1.1, and SMBus spec v1.1
- Designed for MIL-STD-810

Applications

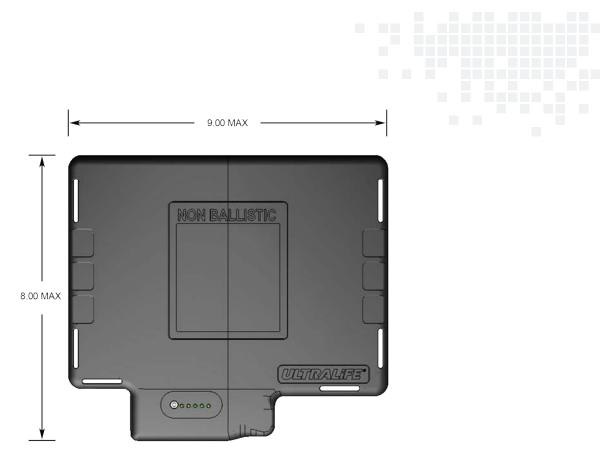
- · Rugged, portable electronics where mobility is critical
- · Man-wearable communication devices

Optional Accessories

- CH0015: Commercial desktop charger
- · CH0008: Soldier-based charging kit
- CA0009: Flying lead cable, non-shielded
- · CA0022: Flying lead cable, shielded

Technical Specifications			
Part No	UBBL35		
NSN	6140-01-625-7254		
Voltage Range	12.0 to 16.8V		
Nominal Capacity	7.3Ah @ 23°C		
Max. Discharge	5.0A continuous @ 23°C		
Max. Pulse Discharge	Contact Ultralife for details		
Energy	108Wh		
Weight	0.960kg (2.1lb) - weight subject to change		
Cycle Life	> 300 cycles @ C/5 to 80% of initial capacity @ 23°C		
Memory	No Memory Effect		
Operating Temperature	-20°C to 60°C discharge, 0°C to 45°C charge		
Storage Temperature	-20°C to 45°C		
Self-Discharge	< 5% per month		
Exterior/Housing	Tan, Noryl thermoplastic case		
Connector	Glenair 8070-1299-2NU6-7DY		
State of Charge Indicator	Push Button Activated 5 LED Display		
Safety	To prevent injury or burns do not disassemble, short circuit or dispose of in fire		
Transportation	Contact Ultralife for details		
Export License	ECCN 3A611.x export license required to export from U.S.		
Harmonized Tariff Schedule	8507.60.0000		
Charging	Charge at constant voltage of 16.8V in a temperature range of 5° to 38°C, limiting current to 5.0A max, for 3 hours.		

Dimensions





All dimensions in inches.

