

# UBBL35: Rechargeable Conformal Battery

## Preliminary Technical Datasheet



### Features

- 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-461E
- 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

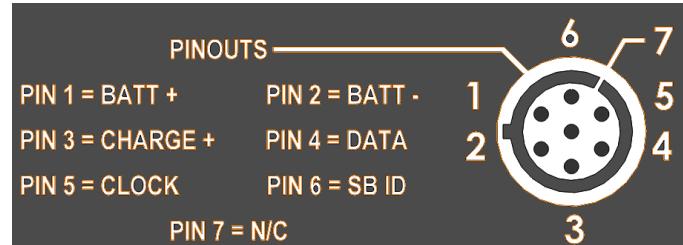
### Optional Accessories

- 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.

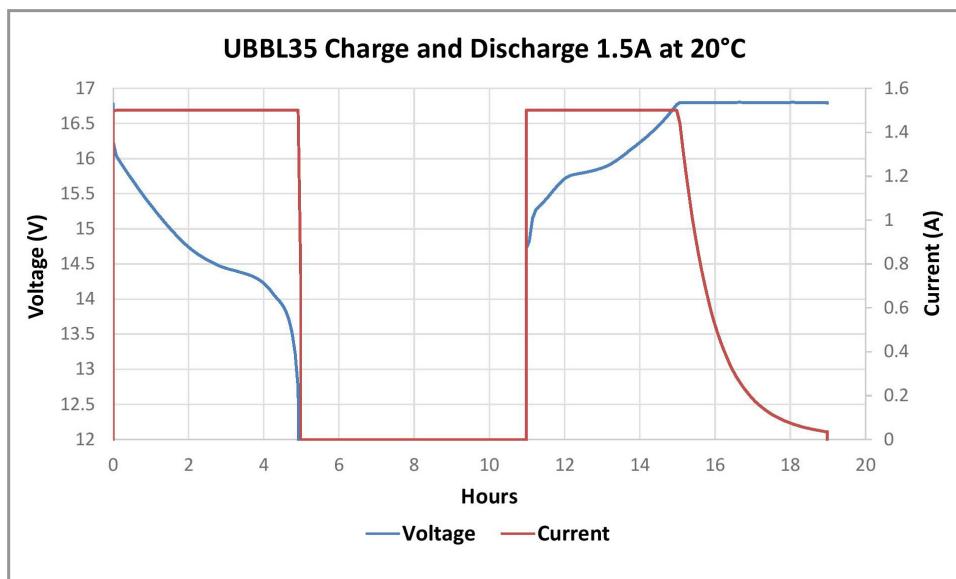
## Dimensions



All dimensions in inches.

0.65 MAX THICKNESS

## Performance Graph



UBBL35

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