

# UBBL35: Rechargeable Conformal Battery

## Preliminary Technical Datasheet



| Technical Specifications  |  |
|---------------------------|--|
| Part No                   | UBBL35   |
| 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            | ITAR (International Traffic in Arms Regulations) export license required to export from U.S.                         |
| 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. |

### 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

# Dimensions



All dimensions in inches.

