

# UBBL35: Rechargeable Conformal Battery

## Preliminary Technical Datasheet

WE. ARE. CRITICAL. POWER.™



| 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. |

### 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

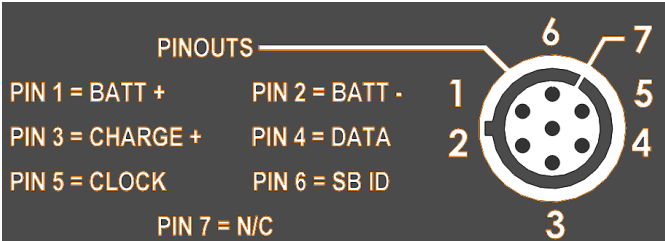
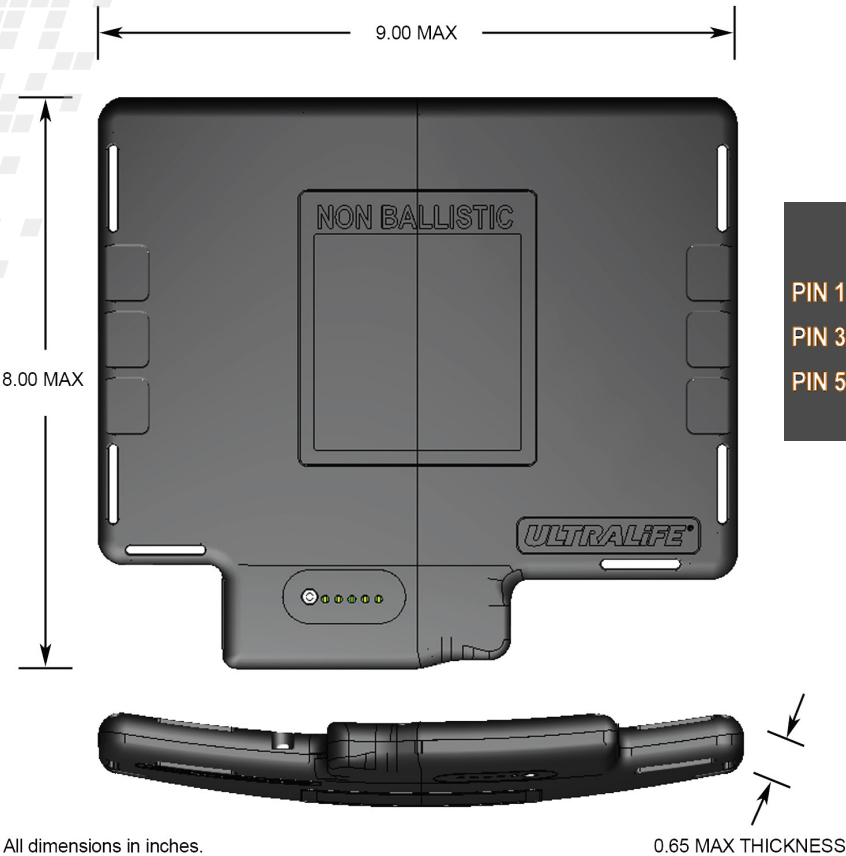
### Applications

- 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



Performance Graph

