

CH0008

Technical Datasheet



Features

- Smart charger, level 3
- Wide input voltage (can take range of global frequencies and voltages)
- Rugged, olive drab (CARC - chemical agent resistant coating) sealed aluminum cases, push/pull type connectors
- Charge module LED display-charge, idle power
- EMI compliance (MIL-STD-461E)
- 28V DC Military Vehicle Systems Compliant (MIL-STD-1275)
- Environmentally tested per MIL-STD-810E (specific sections, contact Ultralife)

Benefits

- Man-portable system designed to be stowed in pack
- Charges UBBL06/UBBL08 safely and efficiently with battery & charger communicating for optimum charging
- Kit contains charger, power supply and required cables

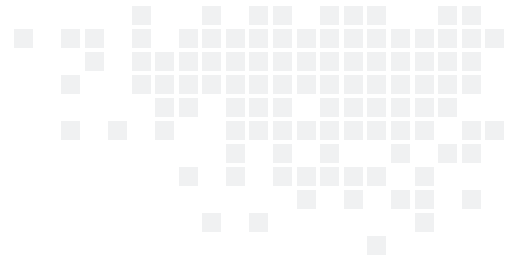
Applications

- Soldier based charger for UBBL06/UBBL08 batteries
- Other military or forward-situation (e.g. emergency response) applications

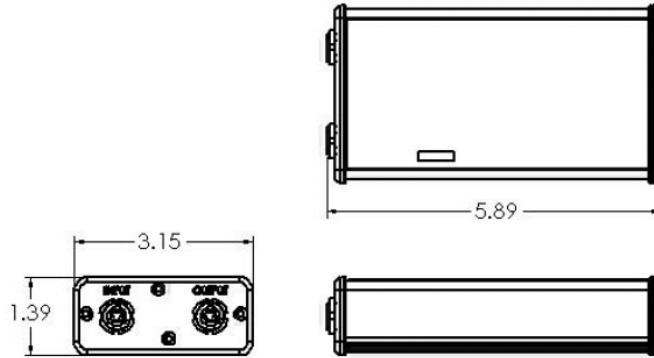
Technical Specifications

| | |
|-----------------------------------|--|
| Part No. | CH0008 |
| NSN | 6130-01-545-1983 |
| Connectors | IEC 320 EN 60320 C13 Female North American Standard |
| Color | Green #34094 per FED-STD-595 |
| Finish | CARC (Chemical Agent Resistant Coating) |
| Size | Power Adapter (CH0010) - 1.65" x 2.85" x 6.6" Charger Module (CH0011) - 1.4" x 3.2" x 6.35" |
| Weight | Charging Kit (CH0008) - 1.5Kg (3.37lbs) |
| Exterior/Housing | Aluminum |
| Operating Temperature | -32°C to 55°C |
| Storage Temperature | -32°C to 71°C |
| Export License | ECCN 3A611.x export license required to export from U.S. |
| Harmonized Tariff Schedule | 8507.90.8000 |
| Communication | SMBus spec v1.1, level 3 smart charger |
| Accessories Optional | CA0009 DC Output Cable, flying leads CA0022 DC Output Cable, shielded, flying leads CA0025 Alligator Clip lead power cable CA0013 Input power cable, flying leads For custom cables & options not listed, please contact Ultralife. |
| Equipment Included | CH0010: Power Adapter (AC Input: 90-264VAC, 50-60Hz, DC Output: 15.0VDC, 4.0A) CH0011: Charger Module (AC Input: 8.0-33.0VDC, 50-60Hz, DC Output: 16.8VDC, 2.0A) CH0018: Umbilical Cable: 2ft. CH0019: Charge Cable: 2ft. 700290: AC Line Cord: 7.6ft. |

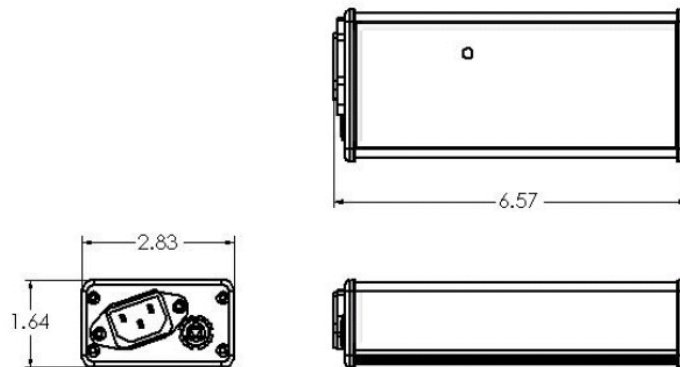
Dimensions



POWER ADAPTER (CH0010)



CHARGER MODULE (CH0011)



ULTRALIFE CORPORATION

| | |
|---|-----------------------|
| Technical Data Sheet: UBI-5171 | Rev. Level: E |
| Title: RECHARGEABLE LITHIUM ION, SOLDER BASED CHARGER, CH0008 | Rev. Date: 20 OCT 10 |
| | Issue Date: 13 DEC 05 |

Revision History:

| Revision | Description | PCN # | Date |
|----------|----------------------------|---------|-----------|
| E | Updated to current format. | 10-0243 | 20 OCT 10 |

Required Signatures:

Originator: Eryn Scarsella **Date:** 20 OCT 10

Checker: E. J. Beck **Date:** 20 OCT 10