

# UCH0041

## Technical Datasheet



### Features

- Smart charger, level 3
- SmartCircuit® technology providing advanced solutions not available from traditional batteries and chargers
- LED display at each battery position
- Ethernet connectivity available (see note)
- MIL-STD-1275B power compliant
- MIL-STD-461E compliant
- Tested per MIL-STD-810 (contact Ultralife)
- CE Compliant
- Battery calibration
- Integrated mounting brackets for mounting to vehicle or other fixture

### Benefits

- Charge 3 batteries simultaneously
- Military tough
- Battery & charger communicate for optimum charging efficiency, battery life and safety
- Easy battery connection - no cords or cables required
- Batteries fully contained in charger during charge cycle

### Applications

- Vehicle charging solution
- Smart charger for UBBL06 (LI-145), UBBL06-01 (LI-175) batteries and UBBL08 (LI-80) battery with UAD002 adapter
- Batteries used in PRC-148 and PRC-152 radios using UAD0014

### Technical Specifications

<b>Part No</b>	UCH0041
<b>NSN</b>	6130-01-595-2045
<b>DC Input</b>	21.0 to 33.0VDC
<b>Charge Rate</b>	3A per charger bay
<b>User Interface</b>	Power on LED Voltage error LED LED at each battery position
<b>Connectors</b>	Pogo pins for charge contacts D38999/24FD5PN Pin Out: Contacts A, B: DC+ Contacts C, D: DC- Contacts E: NC
<b>Size</b>	31.62cm (12.45in) L x 14.02cm (5.52in) W x 28.50cm (11.22in) H
<b>Weight</b>	6.35kg (14lbs) excluding batteries and power cable
<b>Color</b>	NATO Green
<b>Material</b>	Aluminum
<b>Operating Temperature</b>	-20°C to 55°C
<b>Storage Temperature</b>	-30°C to 70°C
<b>Export License</b>	ECCN 3A611.x export license required to export from U.S.
<b>Export Control Classification Number</b>	3A611.x
<b>Harmonized Tariff Schedule</b>	8507.90.8000
<b>Communication</b>	SMBus spec v1.1, level 3 smart charger
<b>Accessories Optional</b>	UAD0014: Charger Adapter for batteries used in PRC-148 and PRC-152 UAD0015: UBBL08 Charger Adapter CA0020: Shielded Ethernet Cable w/ Flying Leads CA0024: Shielded Power Cable w/ Flying Leads
<b>Note</b>	For Ethernet connectivity, a PC and custom software is required. Contact Ultralife for details.

# Dimensions

