

UCH0041

Technical Datasheet

WE. ARE. CRITICAL. POWER.™



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

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

Dimensions

