ULTRALIFE
BATTERY & ENERGY PRODUCTS

CH0007
Technical Datasheet



SMART CIRCUIT®

Features

- Smart charger, level 3
- SmartCircuit® technology providing advanced solutions not available from traditional batteries and chargers
- LED display at each battery position. Fluorescent display on control panel.
- CARC coating - MIL-DTL-64159
- Vibration resistant, altitude rated, humidity resistant & thermal shock per MIL-STD-810F
- Integrated mounting rails. Heat sink on rear face
- USB connectivity available (contact Ultralife for details

Benefits

- Charge 9 batteries at once in less than 2.5 hours
- Battery & charger communicated for optimum charging efficiency, battery life and safety
- Easy battery connection - no cords or cables required
- Batteries fully contained in charger during charge cycle
- Displays feature critical status/health information
- Blind insertion

Applications

- Bulk charging for depot & field settings
- Rugged smart charger for UBBL03 (LI-7) battery & other Ultralife smart batteries

Technical Specifications	
Part No.	CH0007
DC Input	21.0 - 32.0VDC (use CA0011 power cable only)
Charge Time	~2.5 hours @ 23°C
User Interface	LED at each position, VFD (vacuum fluorescent display) on control panel
Color	Olive drab green, CARC (chemical agent resistant coating)
Size	71.8cm (27.9in) L x 31.3cm (8.4in) W x 35.5cm (14.0in) H
Weight	16.7kg (37lbs) excluding batteries and power cable
Exterior/Housing	Aluminum
Operating Temperature	5°C to 45°C
Storage Temperature	-32°C to 65°C
Export Control Classification Number	EAR99
Harmonized Tariff Schedule	8507.90.8000
Communication	SMBus spec v1.1, level 3 smart charger
Accessories Optional	CA0011 power cord (standard) MRC-PS0007 AC/DC power converter (Kepco RKW28-55K power supply) CA0029 cable to mate CH0018 with charger

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