

CH0027 Portable Battery System

Technical Datasheet

The Ultralife Advantage

Better technology. Our battery & charging technologies and power systems enable us to design leading-edge solutions for the world's most demanding applications.



SPECIFICATIONS

Part No	CH0027
Output Voltage Range	33VDC Shore power, Charge Voltage of 16.55VDC for UBBL10 Batteries
DC Input Voltage	22-33VDC per Mil-STD-1275
AC Input Voltage	85-265VAC, 50-60Hz
Output Power	1500 Watts Maximum
Charge Current	10A maximum per 3 UBBL10 Batteries (6 sections), Scaled per shore power current
Dimensions	19.2" L (including handle) x 12.25" W x 10.2" H
Exterior/Housing	Aluminum Enclosure
Displays	Input Power / Battery Charge Status
Operating Temp	-32 to 60°C
Storage Temp	-32 to 71°C
Output Connector	D38999/24WG16SN
DC Input Connector	MS27467T17B6S
AC input Connector	IEC320-C13 Female Style
AC Line Cord	US Line Cord Included (6')
Weight	30 lbs
Mounting	Non-slip friction pad. For Alternate mounting, please contact Ultralife.
Battery Box	CH0028 Portable Battery System
Included Accessories	UCA0042, Cable, Battery Charge, Shore Power for CH0028 (Power and Charge Cable for CH0028 Battery Power Box)
Optional Accessories	UCA0040 DC Power Cable Flying Leads CA0035, Shore Power Cable (For Direct Device Power)

FEATURES

- Provides Shore power and Battery Charge for CH0028 Battery Box
- Universal AC Input
- Designed for DC Mil-STD-1275 Input
- Can be used as standalone shore power supply
- 16.5V charge output, Current Scaled per Shore Power Requirements

APPLICATIONS

- Large Power Emplacements
- Backup Power Applications w/ CH0028
- Contact Ultralife for use with alternate battery types (UBBL02/ Legacy 2590 Types)

TEST COMPLIANCE

- Mil-Std-810F: Non-Operational Vibration, Mechanical Shock, Sand/Dust, Humidity, Fungus
- SAE J1455: Operation Vibration
- Mil-Std-1275C: Spikes and Surges, Input Power

[Contact Ultralife for availability]