

UB0020 (LM-145)

Technical Datasheet

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Technical Specifications	
Part No.	UB0020
NSN	6135-01-583-8973
Voltage Range	10.0 to 16.5V
Average Voltage	13.5V
Nominal Capacity	10.0Ah @ 250mA to 10.0V @ 23°C
Max. Discharge	2.0A continuous
Pulse Capability	Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	800g
Operating Temperature	-32°C to 55°C
Storage Temperature	-50°C to 71°C
Exterior/Housing	NATO green thermoplastic
Terminals/Connector	Glenair 807-216-07ZNU6-6DY
Communication	SMBus v1.1
Safety	Material Safety Datasheet - MSDS023 Safety Guide UBI-5112
Transportation	Class 9 International and within U.S. unless shipped by motorcar or rail within U.S. (see note)
Export License	ITAR (International Traffic in Arms Regulations) export license required to export from U.S.
Harmonized Tariff Code	8507.80.0000
Protection Circuit Module and Fuses	Slo-Blo Fuse: 4.0A One-time Thermal Fuse: 100°C + 0° / -4°C Diode protection from charging
Note	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Features

- Smart Circuit® Technology - Implements SMBus v1.1 smart battery technology
- Rugged case construction
- Wide operating temperature range
- State of charge indicator: 5 segment LED, push button activated
- Lightweight
- Safe: non-pressurized system, hermetic Ni-Plated Steel Cans
- CDD indication displays when battery is ready for disposal

Applications

- Soldier-based applications
- Rugged, portable electronic field equipment
- Adaptable to hand-held military radios and other communications equipment
- Other military or forward-situation (e.g. emergency response) applications

Optional Accessories

- CA0009: Non-shielded Cable
- CA0022: Shielded Cable

Dimensions



ULTRALIFE CORPORATION

Technical Data Sheet: UBI-05225	Rev. Level: -
Title: Non Rech Military (LiMnO2) Battery, LW-Si,LM-145,UB0020	Rev. Date: 14 FEB 11
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Revision History:

Revision	Description	PCN #	Date
-	Initial Release.	11-0046	14 FEB 11

Required Signatures:

Originator: Josh Weis Date: 14 FEB 11

Checker: EJ Beck Date: 14 FEB 11