

CR2: CR15270 Spiral Cell

Technical Datasheet



Technical Specifications	
Part No.	CR2
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Manganese Dioxide
Voltage Range	1.5V to 3.3V
Nominal Voltage	3.0V
Nominal Capacity	0.75Ah @ 10mA to 2.0V @ 23°C
Max. Continuous Discharge Current	500mA
Max. Pulse Discharge Current	Up to 1000mA (life and temperature dependent)
Weight	11g
Operating Temperature	-40°C to 60°C
Storage Temperature	-40°C to 60°C (max 30°C for a >5 years life)
Exterior/Housing	Nickel plated steel
Terminals/Connector	Radial tabs / radial pins / axial leads / flying leads
Safety	AL-MSDS/RD-003 and UN/UL
Transportation	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Features

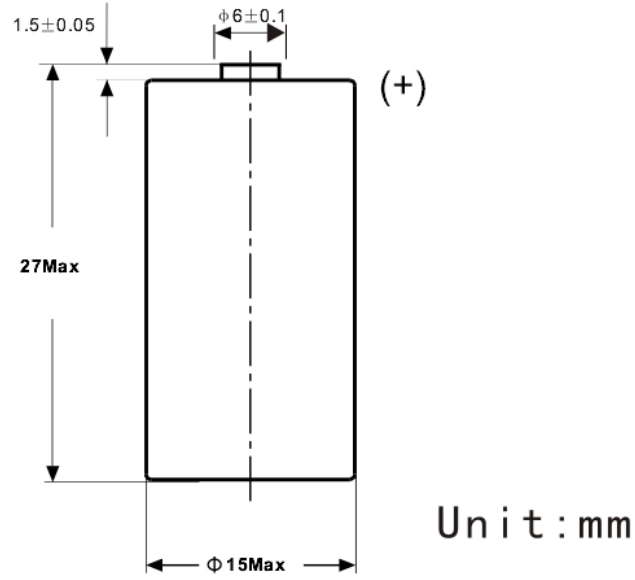
- High and stable operating voltage
 - Higher power and higher energy for the whole battery life
- Superior drain capability
 - Higher power applications
- Low self-discharge rate (less than 2% after 1 year of storage at +20°C)
 - Battery life of 10 years, depending on the application
- Hermetic glass-to-metal sealing
 - Avoid leakage, key for a higher than 10 year battery life

Typical Applications

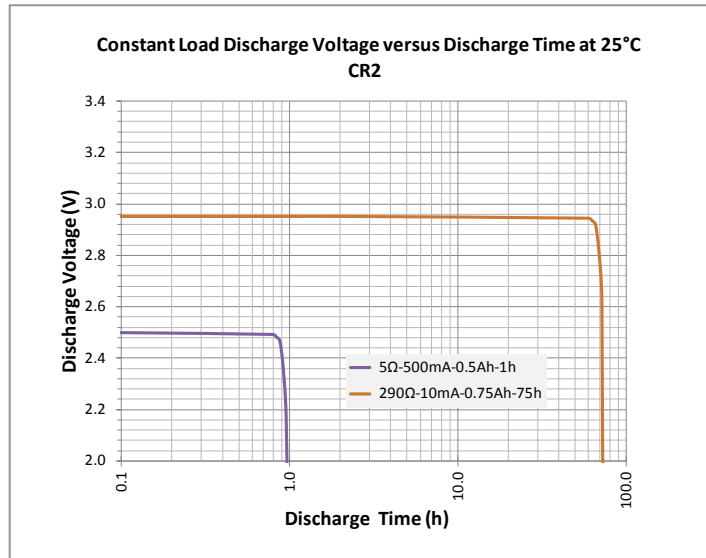
- Military and other radio applications
- Alarm and security systems
- Beacons and emergency location transmitters
- GPS
- Metering systems
- Sono buoys
- LED lighting applications

Quality Assurance	Ultralife manufacturing facilities are ISO 9001:2008 and ISO 14001:2004 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation testing, which is required for international transportation of all lithium batteries.
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Dimensions



Typical Performance Graphs



High and flat voltage at high and low drain