

# CR17335: 2/3A Size Spiral Cell

## Technical Datasheet



Technical Specifications	
Part No.	CR17335
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Manganese Dioxide
Voltage Range	1.5 to 3.3V
Nominal Voltage	3.0V
Nominal Capacity	1500mAh @ 10mA to 2.0V @ 23°C
Max. Continuous Discharge Current	1500mA
Max. Pulse Discharge Current	Up to 3000mA (life and temperature dependent)
Weight	18g
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 (see note)
Transportation	Excepted from regulations - A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.
Note	UL certified as a technician replaceable battery only
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.

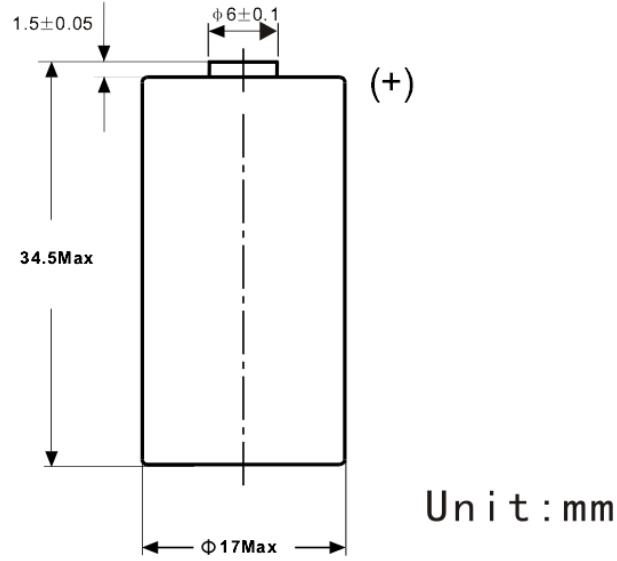
### Features

- 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 higher than 10 years, depending on the application
- Hermetic glass-to-metal sealing
  - Avoid leakage, key for a higher than 10 year battery life
- PTC device
  - Safe operation in the event of a short circuit
- Vent mechanism for safer operation in case of abuse

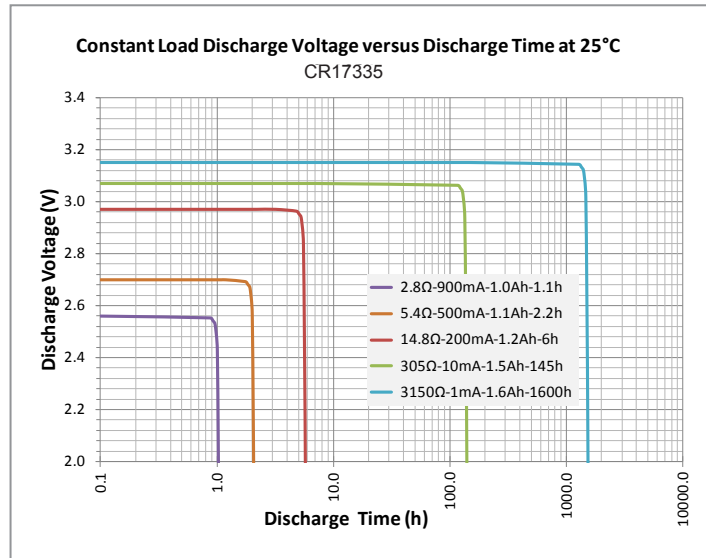
### Typical Applications

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

## Dimensions



## Typical Performance Graphs



High and flat voltage at high and low drain