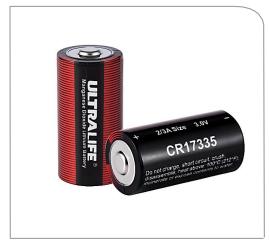


CR17335 10-year Spiral 2/3A

Technical Datasheet



Features

- Hermetic glass to metal sealing avoids leakage, Allows for more effective electrolyte to be used Which results in lower temperature operation And longer storage
- · High and more stable operating voltage
- High power and energy for the whole life of the cell
- Improved hermetic seal contribute to an even Lower self-discharge rate allowing for higher Temperature use and storage (less than 2% after 1year of storage at 20°C)
- Vent mechanism for safer operation when under Reasonably foreseeable misuse cases
- 10 year shelf-life

Typical Applications

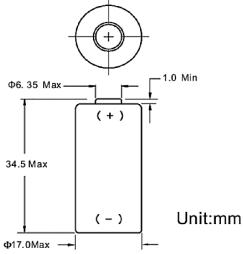
- Radio communication and other military applications
- Metering systems
- GPS
- Internet of Things (IoT) device
- · Others

circuit conditions if needs.Transportation3Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IBQuality AssuranceUltralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 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.		
Cell TypePrimary, non-rechargeableChemistryLithium / manganese dioxideVoltage Range1.5V to 3.3VNominal Voltage3.0VTypical Capacity'1500mAhMax. Continuous DischargeUp to 2000mA for up to 15 seconds @ 50% SoC (life and temperature dependent)Energy Rating4.5WhWeight18gOperating Temperature-40°C to 80°CStorage Temperature2-20°C to 45°CHumidity65±20%Exterior/HousingElastmeric wrapped, Ni plated stainless steelTerminals/ConnectorSS nub and Ni flat contactsSize (maximums)Length: UL 1642 (file no. MH30127) UN 38.3SafetyThis battery can contain a Positive Temperature Coefficient (PTC) safety device to limit current during shor circuit conditions if needs.Transportation3Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air shipment: Packing Instruction 968 and 970, Section I Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IBQuality AssuranceUltralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation of all lithium batteries.	Technical Specifications	
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Voltage Range1.5V to 3.3VNominal Voltage3.0VTypical Capacity11500mAhMax. Continuous Discharge1000mAMax. Pulse DischargeUp to 2000mA for up to 15 seconds @ 50% SoC (life and temperature dependent)Energy Rating4.5WhWeight18gOperating Temperature-40°C to 80°CStorage Temperature2-20°C to 45°CHumidity65±20%Exterior/HousingElastomeric wrapped, Ni plated stainless steelTerminals/ConnectorSS nub and Ni flat contactsSize (maximums)Length: UN 38.3SafetyThis battery can contain a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions if needs.Transportation3Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air shipment: Packing Instruction 969 and 970, Section I Class 9 Dangerous Goods UN3092: Bulk shipment Air shipment: Packing Instruction 968, Section IBQuality AssuranceUltralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 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.	Cell Type	Primary, non-rechargeable
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Storage Temperature ² -20°C to 45°C Humidity 65±20% Exterior/Housing Elastomeric wrapped, Ni plated stainless steel Terminals/Connector SS nub and Ni flat contacts Size (maximums) Length: 34.5mm Diameter: 17.0mm Certifications UL 1642 (file no. MH30127) UN 38.3 Safety This battery can contain a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions if needs. Transportation ³ Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IB Quality Assurance Ultralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 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.	Weight	18g
Humidity $65\pm 20\%$ Exterior/HousingElastomeric wrapped, Ni plated stainless steelTerminals/ConnectorSS nub and Ni flat contactsSize (maximums)Length: Diameter: 17.0mmCertificationsUL 1642 (file no. MH30127) UN 38.3SafetyThis battery can contain a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions if needs.Transportation3Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IBQuality AssuranceUltralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation of all lithium batteries.	Operating Temperature	-40°C to 80°C
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NOTAS	Quality Assurance	ISO 13485:2016 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

- 1. Discharged using a 10mA load to 2.0V @ 23°C.
- 2. Cells should be stored in temperatures less than 30°C for a shelf-life of ten years.
- Recommended Storage Conditions: Temperatures 5°C to 35°C and humidity <70% RH (to prevent self-discharge caused by corrosion or decrease of insulation).
- 3. For bulk shipments by air that are no more than eight cells and one package, this cell is Excepted Dangerous Goods and can be shipped under Packing Instruction 968, Section II.

Dimensions





Performance Graphs

