

Primary Lithium Battery Li-MnO₂

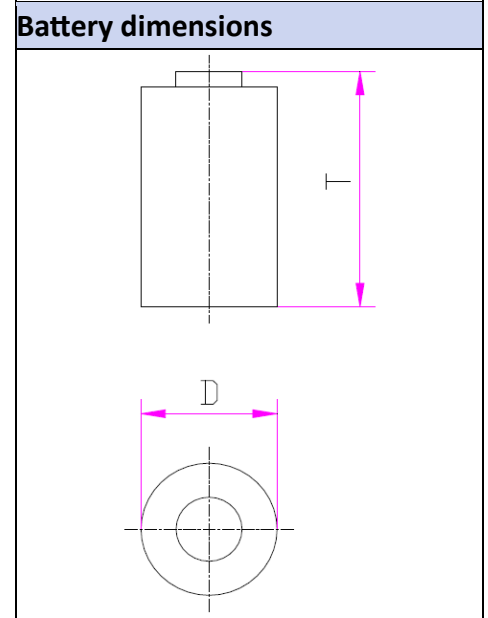
Primary characteristics		
Parameter	Value	Unit
Nominal voltage	3.0	V
Rated capacity	1100	mAh

Scope

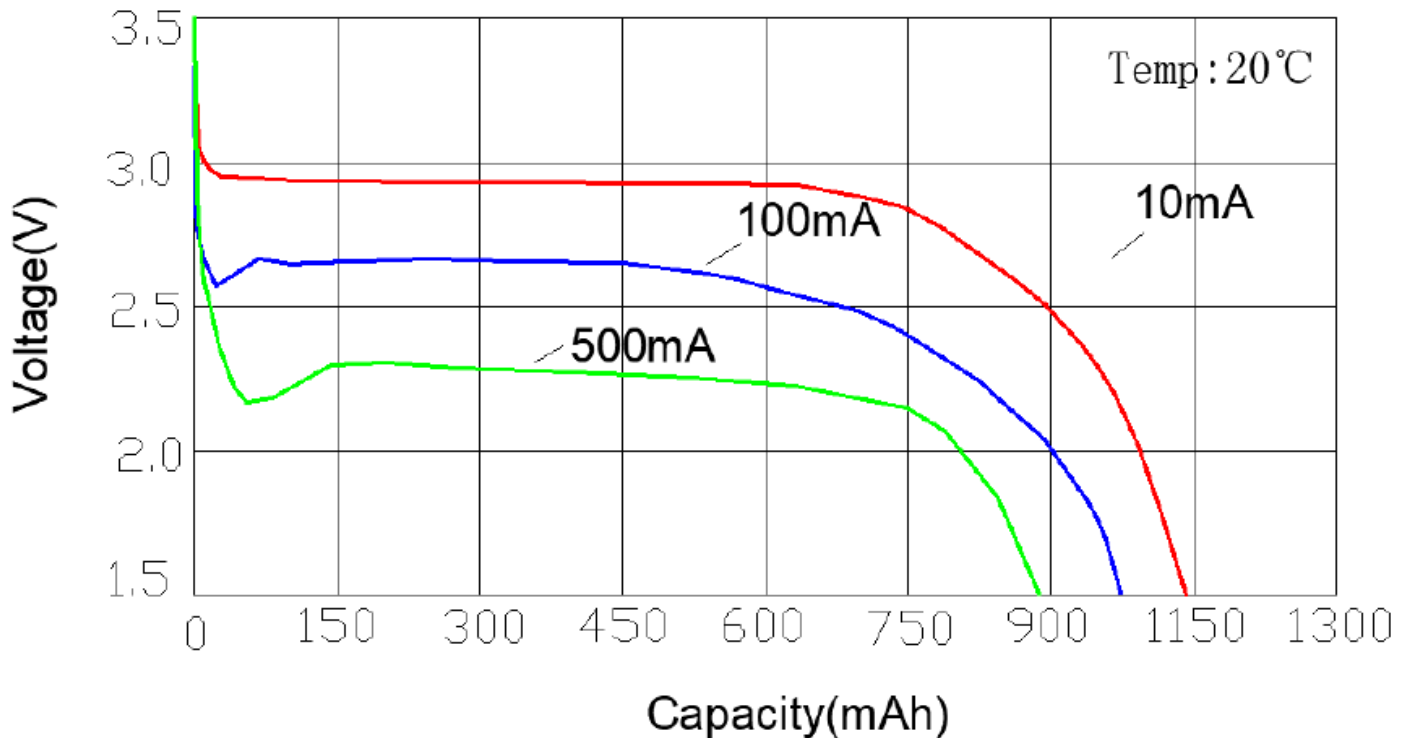
The purpose of this product specification is to provide technical information for the lithium Li-MnO₂ battery CR14335.

The test shall be conducted in strict accordance with the method specified in this specification.

If you have any objection to the test items or test methods, please contact Akyga battery.



Specification table		
Parameter	Value	Unit
Battery model*	CR14335	
Nominal voltage	3.0	V
Nominal capacity	1100	mAh
Minimum capacity	1050	mAh
Height	33.5	mm
Diameter	14.2 ±0.2	mm
Max discharge current	800	mA
Max pulse discharge current	1600	mA
Operating temperature	-40/+70	°C
Cell internal resistance	<1	R
Weight	11	g
Notes: Nominal capacity test conditions: 1mA resistive load, end voltage: 2.0V, operating temperature 25°C±5°C Storage life: 10 years (25°C <65%RH) Discharge continuously to 2.0V at 25°C, and the discharge capacity reaches half of the nominal capacity Pulse cycle discharge at 25°C, 3s on 27s off, discharge to 2.0V, the output capacity can reach half of the nominal capacity *Pins and other leads can be added to the battery		

Discharge characteristics


Warning

- Don't place the battery in heater, washer or high-pressure container.
- Don't use the battery together with different kind of battery.
- Stop using when the battery become heat, emit or appear other abnormality during use or storing.
- Don't recharge the battery.
- Don't force-discharge the battery.
- Keep away from the battery when the battery is leakage or emit abnormal smell
- Wash yourself quickly when the electrolyte infiltrate to your skin or clothes
- Wash your eyes by clean water quickly and go to hospital for further check if the electrolyte infiltrate to your eyes
- If two or more batteries are to be connected in a series and/or placed in a parallel arrangement, protective circuit must be connected with batteries, so that to avoid force-discharging or recharging.

Storage

- The batteries should be stored at 10°C to 25°C (never exceed 30°C), 45% to 75% RH.
- The batteries should not be stored next to heat sources or in direct sunlight. The storage area should be clean, cool, dry, ventilated and weatherproof.
- The height to which batteries may be stacked is clearly dependent on the strength of the packing. As a general rule, this height should not exceed 1.5m for cardboard packages nor 3m for wooden cases.
- Store and display batteries in their original package. The batteries may be short-circuited or damaged if been unpacked and stacked messily.
- Long Shelf Life (less than 1% per year after 1 year of storage at 25°C)

Declaration

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