

Primary Lithium Battery Li-MnO₂

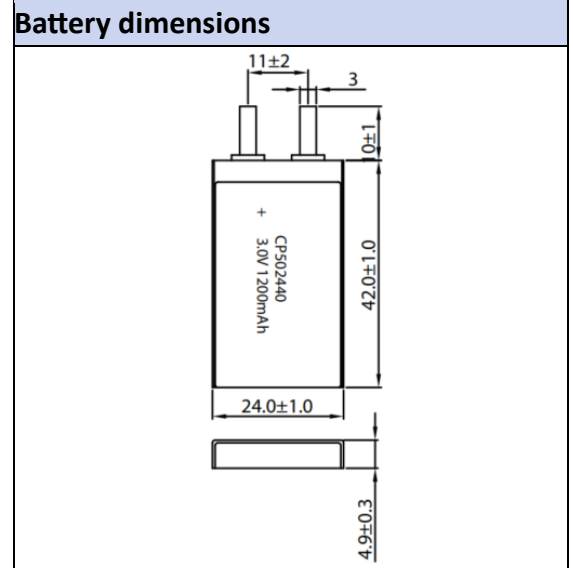
Primary characteristics		
Parameter	Value	Unit
Nominal voltage	3.0	V
Rated capacity	1200	mAh

Scope

The purpose of this product specification is to provide technical information for the lithium Li-MnO₂ battery CP502440.

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.

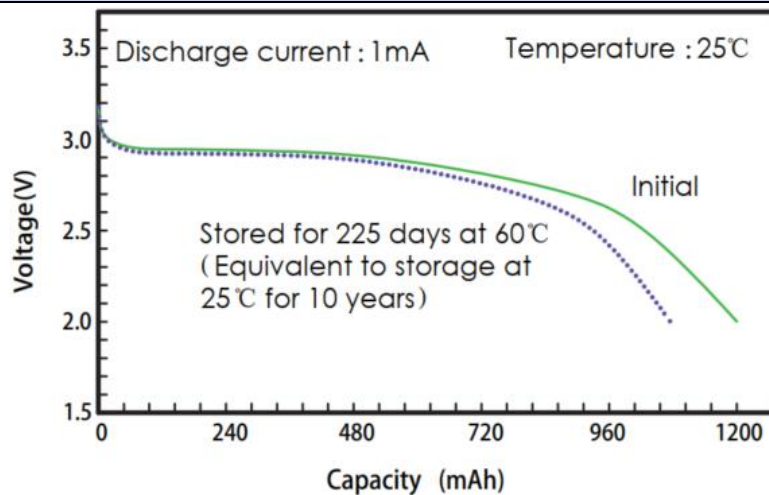


Specification table

Parameter	Value	Unit
Battery model	CP502440	
Nominal voltage	3.0	V
Nominal capacity	1200	mAh
Max constant current	600	mA
Max pulse current	1000	mA
Operating temperature	-40/+70	°C

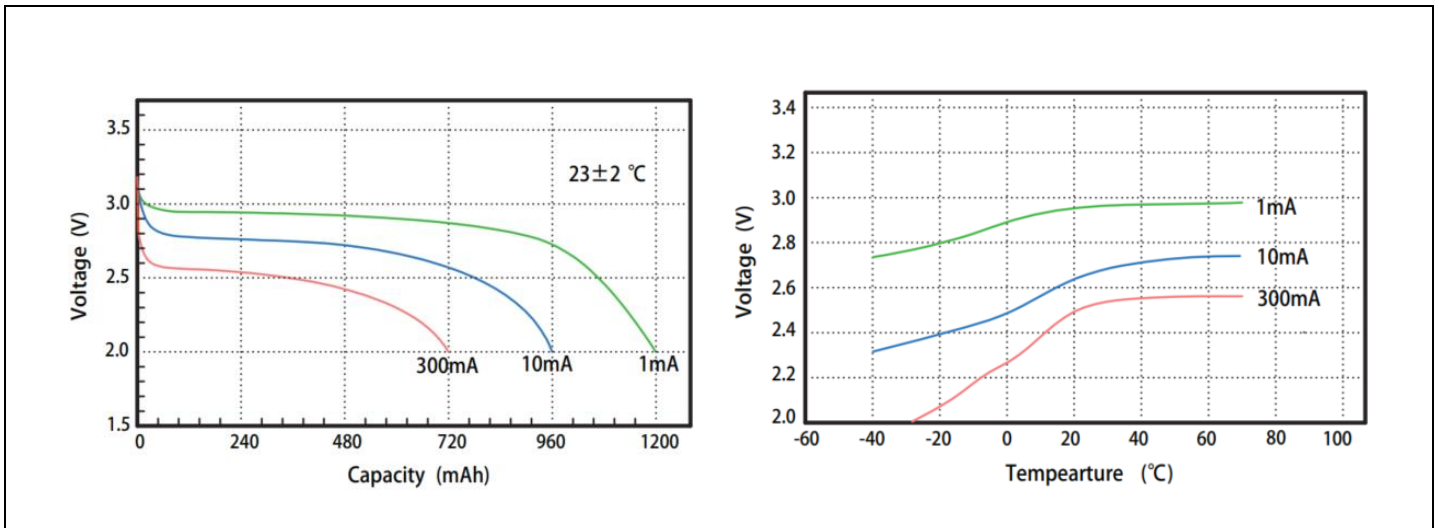
Notes:
Nominal capacity test conditions: 3mA resistive load, end voltage: 2.0V, operating temperature 25°C±1°C

Storage characteristics



Discharge characteristic

Voltage vs temperature



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
- Was 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.
- Low Self-discharge Rate (less than 1% per year after 1 year of storage at +25°C)

Declaration

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