

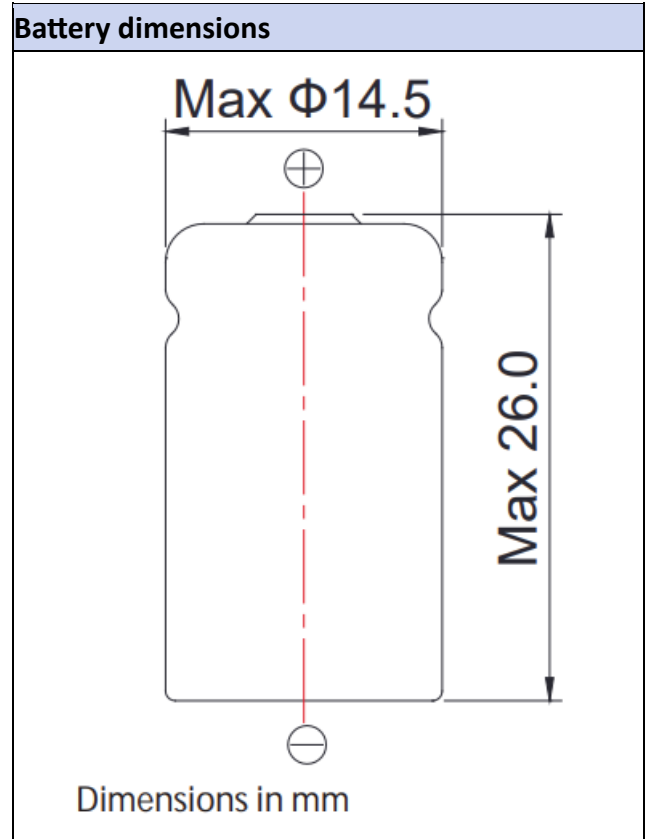
## Primary Lithium Battery Li-MnO<sub>2</sub>

Primary characteristics		
Parameter	Value	Unit
Nominal voltage	3.0	V
Rated capacity	1050	mAh

### Scope

The purpose of this product specification is to provide technical information for the lithium Li-MnO<sub>2</sub> battery CR14250.

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

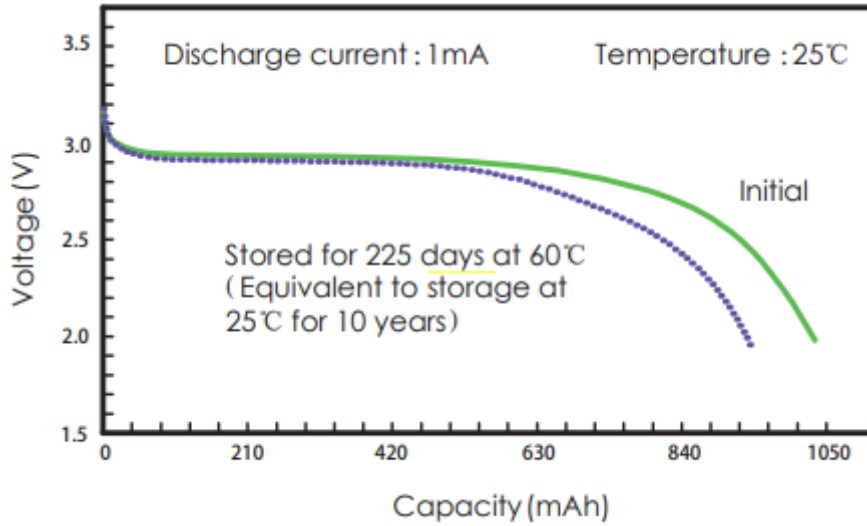
Parameter	Value	Unit
Battery model	CR14250	
Nominal voltage	3.0	V
Nominal capacity	1050	mAh
Maximum continuous current	15	mA
Maximum pulse discharge current	30	mA
Operating temperature	-40/+70	°C
Average weight	10	g

#### Notes:

(At +25°C, battery discharged at continuous current 1mA until voltage reaches cut-o voltage 2.0V. The capacity can vary at different temperature, discharge current or cut-o voltage)

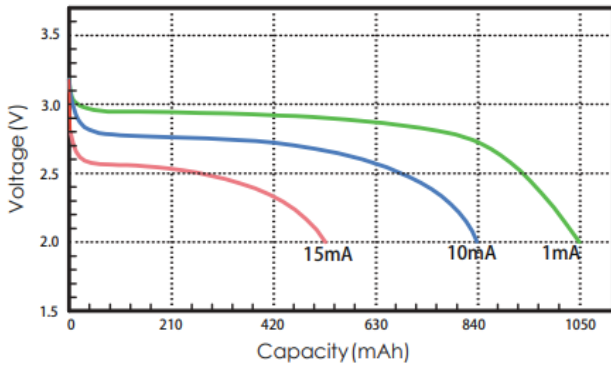
**Storage characteristics**

Storage characteristics



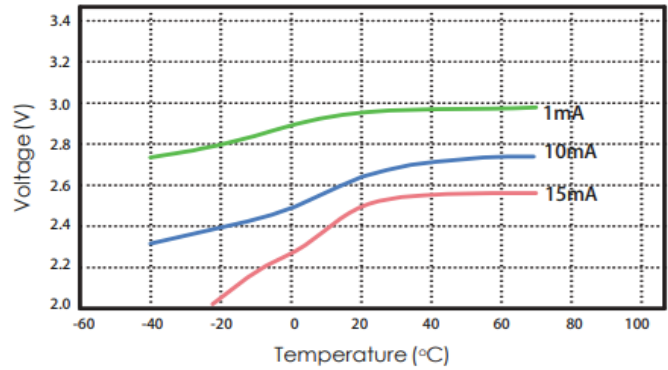
**Discharge characteristic**

Typical discharge profiles at 25°C (at mid-discharge)



**Voltage vs temperature**

Voltage plateau versus Current and Temperature (at discharge stable phase)



## Main Applications

- Security System
- Smart Metering
- RFID and Tracking System
- Wireless Transmitting
- Smart Home Devices
- Military Devices

## Warning

- Do Not Short Circuit
- Do Not Recharge
- Do Not Puncture
- Do Not Crush
- Do Not Dismantle
- Do Not Incinerate
- Do Not Mix New and Used Batteries
- Do Not Heat Above 100°C

## Storage

- The batteries should be stored at  $\leq +30^{\circ}\text{C}$  and  $\leq 75\% \text{RH}$
- 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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