

1. Application range

Lithium Manganese Dioxide cell battery, Model CR18505
Manufacturer: Wuhan HCB Battery Technology Co.,Ltd.

2. Objective

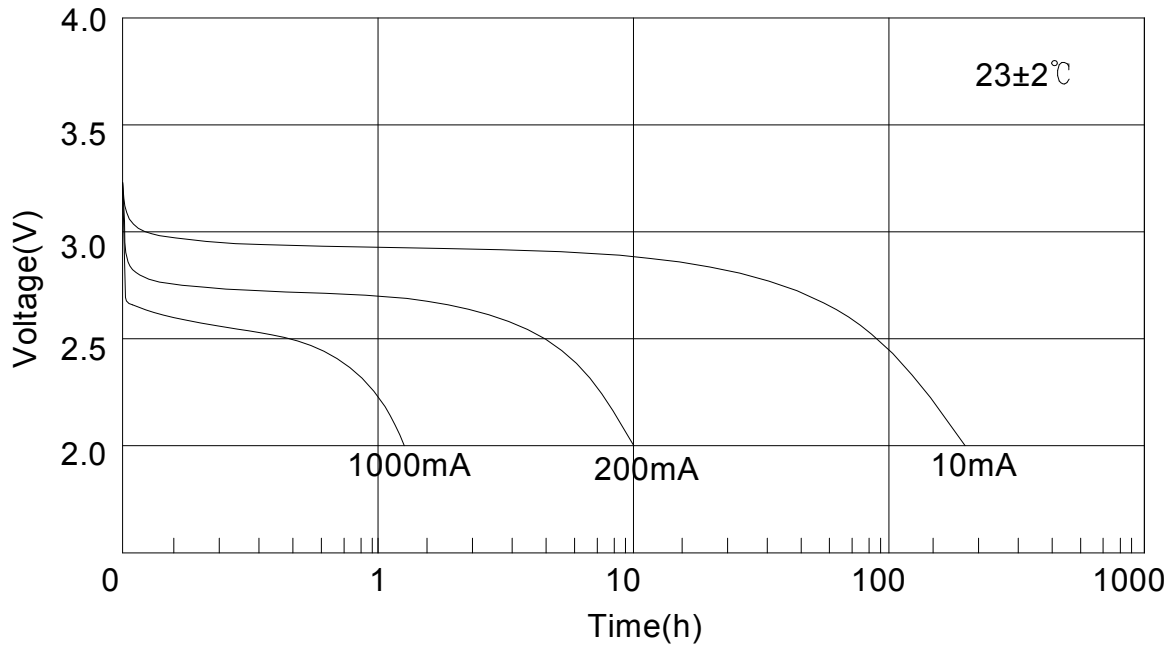
To regulate the performance index and test method of CR18505, as well as guidelines and warnings.

3. Technical parameter

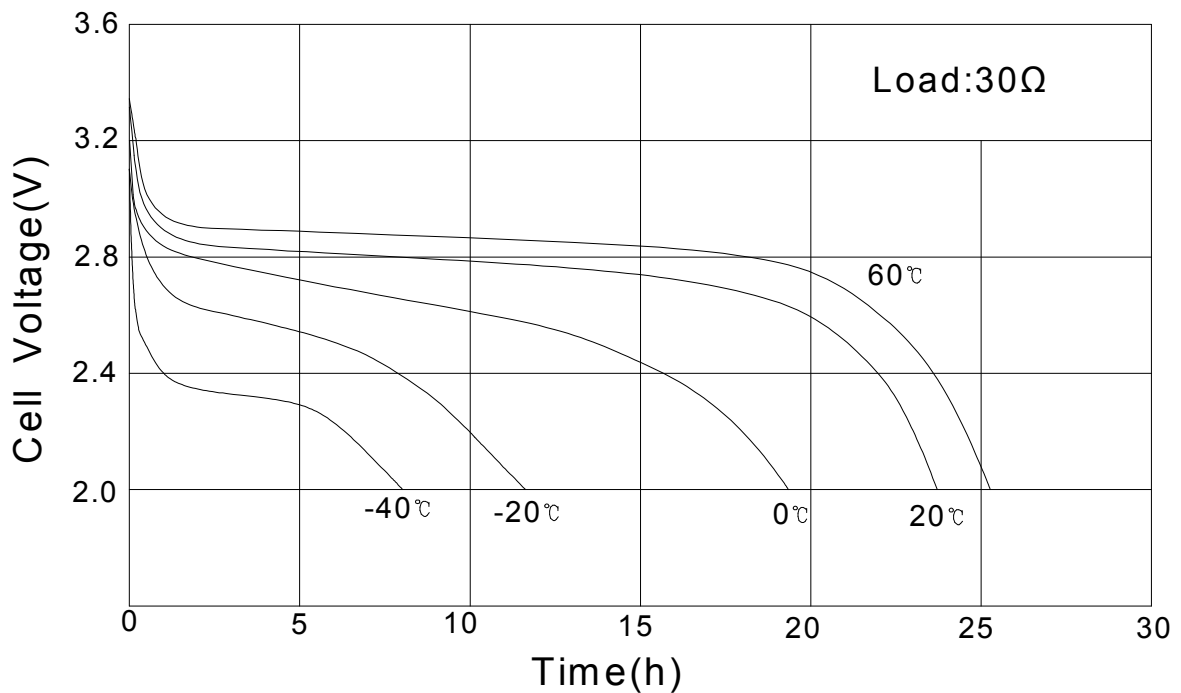
- 3.1 Model: CR18505
- 3.2 Nominal voltage: 3.0V
- 3.3 Nominal capacity: 2800mAh (Continuous discharging at 1mA until 2.0V end-voltage at $23 \pm 2^\circ\text{C}$)
- 3.4 Max. constant current: 1500mA
- 3.5 Max. pulse current: 3000mA
- 3.6 Operating temperature range: $-40^\circ\text{C} \sim +80^\circ\text{C}$
- 3.7 Nominal weight: 35.0g
- 3.8 Max. Outer dimensions: as drawing.
- 3.9 Structures: Manganese dioxide cathode、 lithium anode、 organic electrolyte、 polypropylene separator and steel battery can and cap.
- 3.10 Self-discharging rate: $\leq 1\%$ per year.

4. Discharge curve

Discharge performance



The relationship between Voltage and temperature



5. International attestation

**ISO-16628****031073 01****MH10060****RoHS****No.03007**

6. Application

Radio communication transmitter-receiver, underwater weapons, medical instruments,RFID active tag/card, automatic sanitaryware, intelligent IC card, PC computer RAM,CMOS memory backup powersupply, portable communication equipment,time counter, number counter and so on.