

## 1. Application range

Lithium Manganese Dioxide cell battery, Model CR14505  
Manufacturer: Wuhan HCB Battery Technology Co.,Ltd.

## 2. Objective

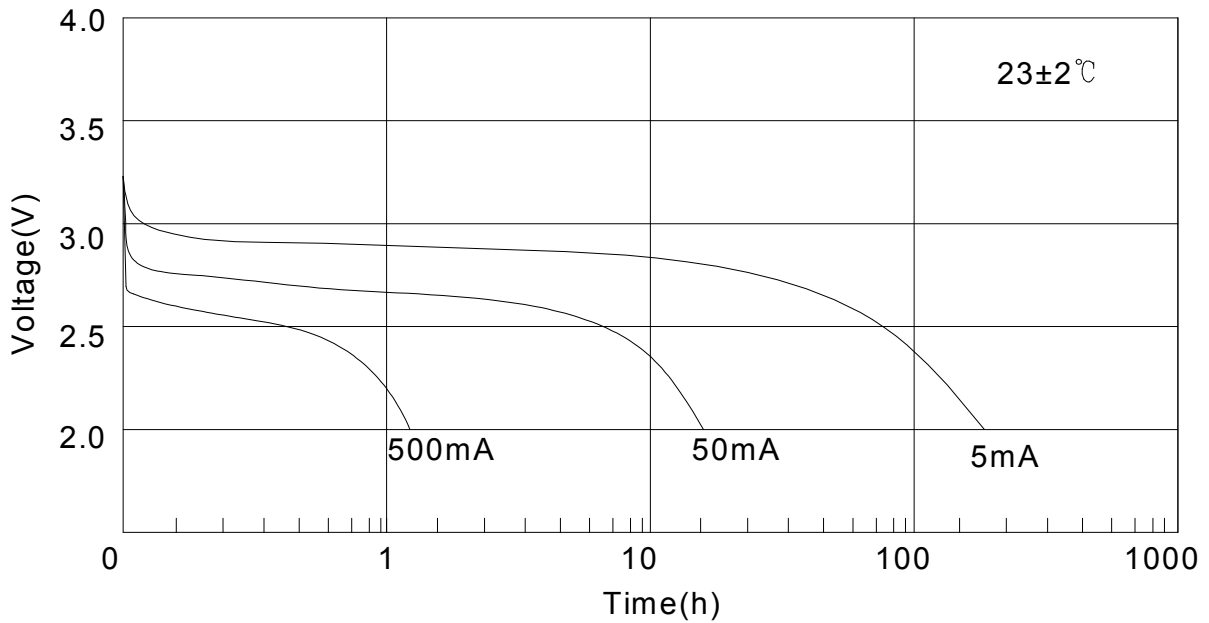
To regulate the performance index and test method of CR14505, as well as guidelines and warnings.

## 3. Technical parameter

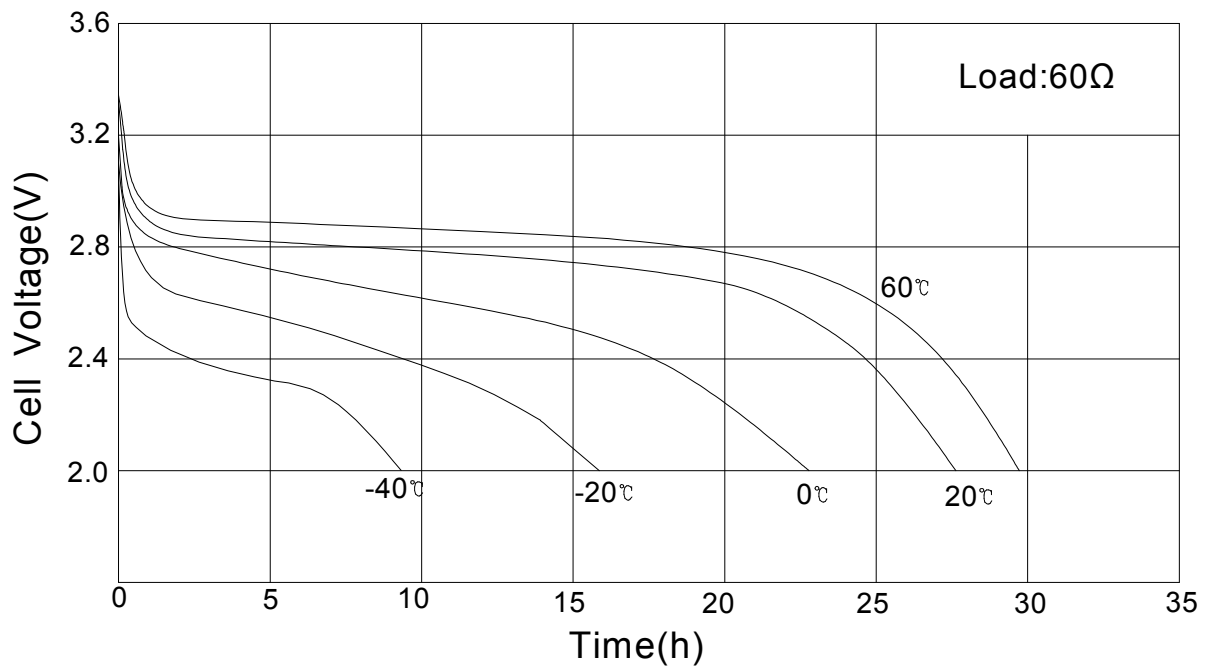
- 3.1 Model:CR14505
- 3.2 Nominal voltage: 3.0V
- 3.3 Norminal capacity:1500mAh (Continuous discharging at 1mA untill 2.0V end-voltage at 23±2℃)
- 3.4 Max. constant current: 1000mA
- 3.5 Max. pulse current: 2000mA
- 3.6 Operating temperature range: -40℃~+80℃
- 3.7 Nominal weight: 21.0g
- 3.8 Max. Outer 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: ≤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.