



## 1. Application range

Lithium Manganese Dioxide cell battery, Model CR18505SE  
Manufacturer: Wuhan HCB Battery Technology Co.,Ltd.

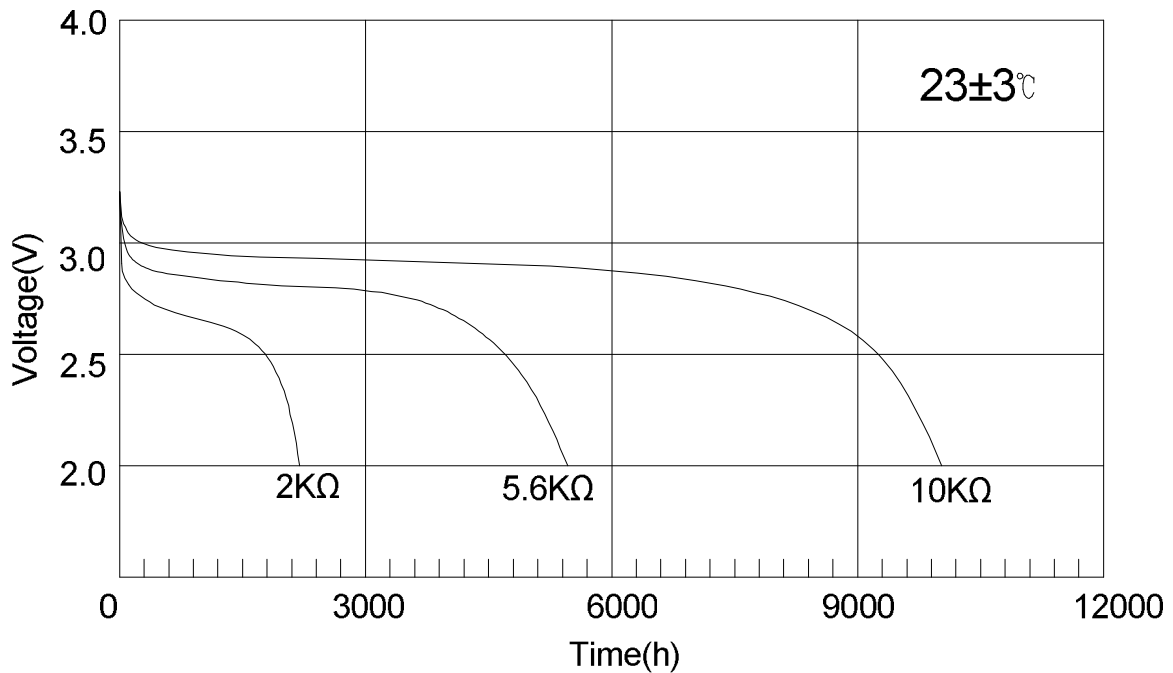
## 2. Objective

To regulate the performance index and test method of CR18505SE, as well as guidelines and warnings.

## 3. Technical parameter

- 3.1 Model: CR18505SE
- 3.2 Nominal voltage: 3.0V
- 3.3 Norminal capacity: 3000mAh (Continuous discharging at 1mA until 2.0V end-voltage at  $23\pm 2^{\circ}\text{C}$ )
- 3.4 Max. constant current: 20mA
- 3.5 Max. pulse current: 200mA
- 3.6 Operating temperature range:  $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- 3.7 Nominal weight: 38.0g
- 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



#### 5. International attestation



ISO-16628

EU 02  
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.