

## KEY FEATURES

- High and stable operating voltage
- Wide range temperature
- Low self-discharge rate less than 1% per year
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- ROHS,CE,UN38.3 & ISO9001 approved

## ELECTRIC CHARACTERISTICS

(Typical values for cells stored for one year or less at 25°C)

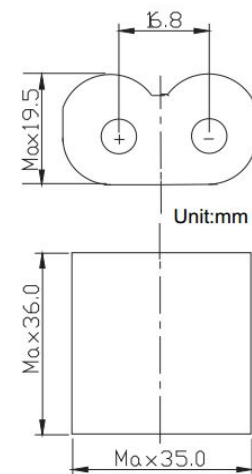
Nominal Capacity	1.4Ah
(At 10 mA, +25°C, 2.0V cut off, The capacity restored by the cell varies according to current drain,temperature and cut off voltage.)	
Nominal Voltage	3.0V
Max.Recommended Continuous Current	1000mA
(To get 50% of the nominal capacity at +25°C with 2.0V cut off.)	
Pulse Capability	3000mA
(discharge 15 seconds at 25°C, drained with 50% of the nominal capacity, yield voltage reading above 2.0V,The value may vary according to the pulse characteristics, the temperature and the cells' previous history.)	
Storage (recommended)	Max.30 °C
Operating Temperature Range	- 40°C~+ 80°C
(Operating at temperature different from ambient may lead to reduce capacity and lower voltage plateau readings.)	
Weight	42g

## CR-P2

Lithium Manganese Dioxide  
(Li-MnO<sub>2</sub>) Battery



International size reference:



-/P.....axial pins

-T/PT2.....radial pins

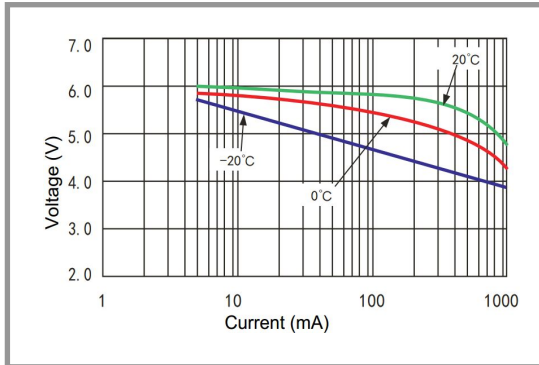
-/PT/TP.....polarized tabs

Available terminations can be made as requested

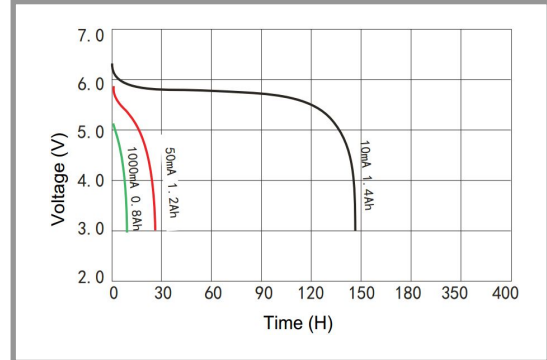
**WARNING: Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate or expose contents to water.**

Note: Any representations in this data sheet concerning performance are for informational purpose only.

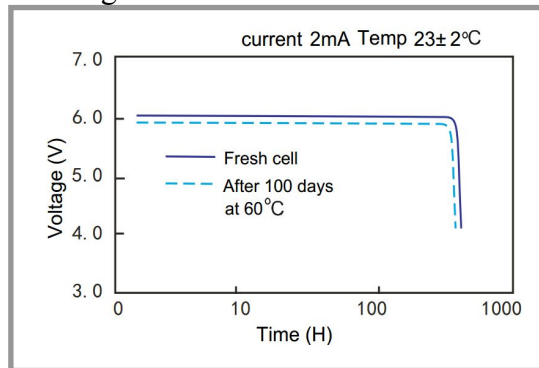
## 1. Voltage vs Current



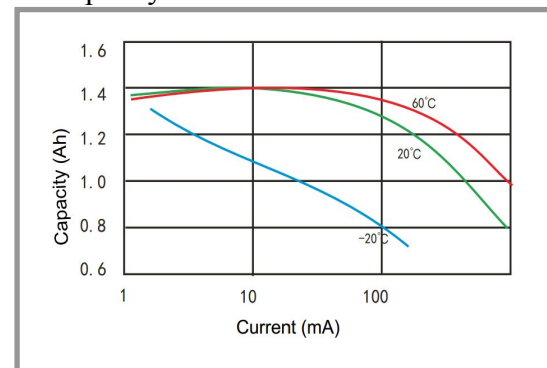
## 2. Discharge Characteristics



## 3. Storage Characteristics



## 4. Capacity vs Current



## PRODUCT APPLICATIONS

- Intelligent Meters: Electricity meter, Water meter, Gas meter etc.
- Wireless alarm systems: Smoke alarm sensors, Temperature monitors etc.
- Remote monitoring systems: GPS, Sea buoys, Life-jacket lights etc.
- Memory backup: CMOS memory, computer backup power, RTC real time clock etc.
- Auto electric industry: Auto security systems, tire-pressure monitoring system etc.
- Military electronics: Radio communication, Night vision equipment, Tracking systems etc.

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