

# Sunmoon Battery

## CR17450

Lithium Manganese Dioxide Battery [Li/MnO<sub>2</sub>] 3.0V



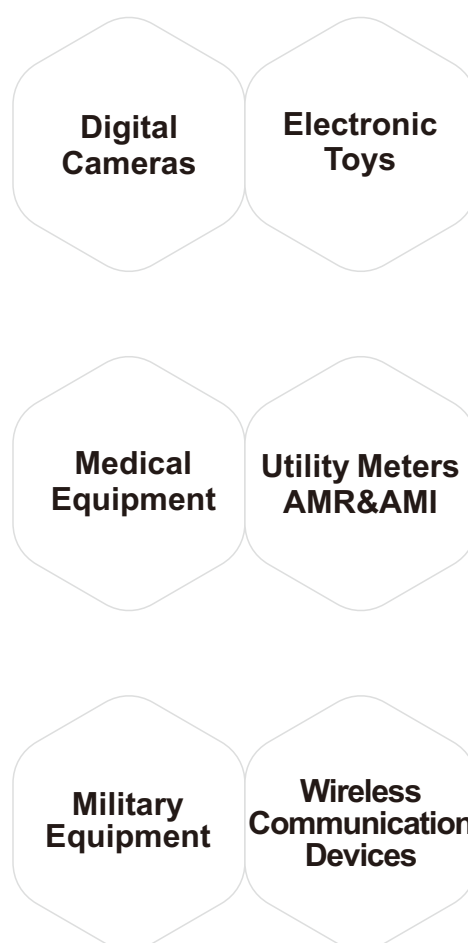
### • Electrical Specification

|  |                      |
|--|----------------------|
| <b>Nominal Capacity[1mA~2V]</b>  | <b>2.4Ah</b>         |
| <i>The discharge capacity of battery depends on the environment temperature and the terminated voltage of the battery.</i> |                      |
| <b>Nominal Voltage</b>   | <b>3.0V</b>          |
| <b>Max. Continuous Discharge Current</b>   | <b>1500mA</b>        |
| <b>Max. Pulse Discharge Current</b>  | <b>3000mA</b>        |
| <b>Max. Weight</b>   | <b>26g</b>           |
| <b>Operating Temperature</b>   | <b>-40°C ~ +70°C</b> |

### • Advantages

- High energy density over 320Wh/kg
- 3.0V series cell with operating voltage ranging from 2.5~3.0V and stable discharging voltage
- No passivation[or voltage delay]
- Operating temperature: -40°C ~ +70°C
- Good performance under high power pulse discharge , excellent reliability and environment friendly
- Stable performance with annual average discharge ≤2% and long storage life at room temperature

### • Main Applications



**Customer Satisfaction is the Purpose We Always Adhere to,  
Continuous Improvement is the Direction We Always Pursue!**

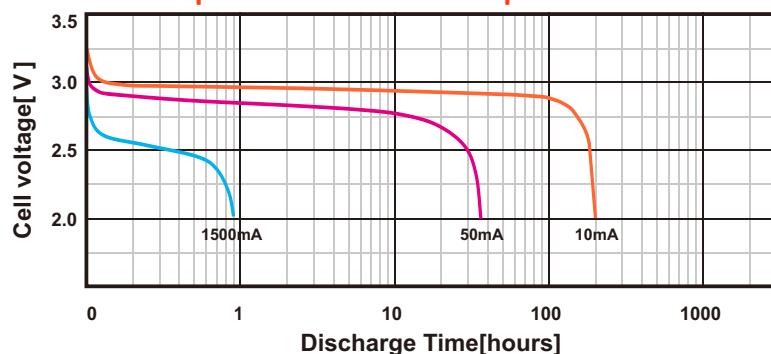
# Sunmoon Battery

# CR17450

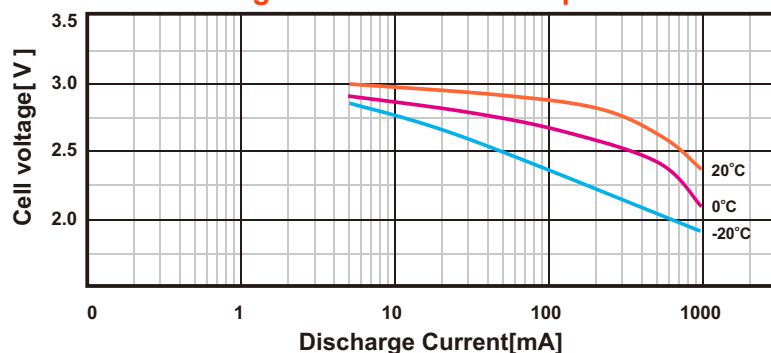
Lithium Manganese Dioxide Battery [Li/MnO<sub>2</sub>] 3.0V



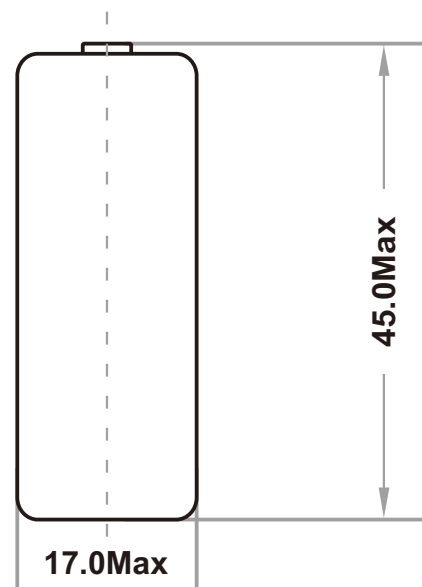
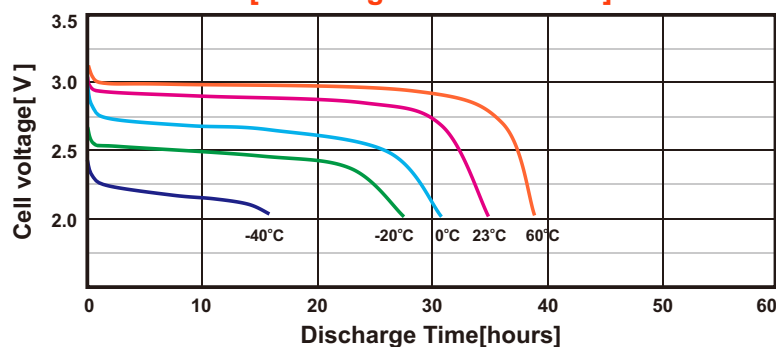
Discharge Current VS Discharge Time at Room Temperature Under Atmospheric Pressure



Voltage VS Current VS Temperature



Temperature VS Discharge Characteristics [Discharge Current 50mA]



### Available Terminations

- S: Standard Termination
- T: Solder Tabs
- P: Axial Pins
- Customized terminations are available

### Warning

- Do not expose the battery to open flame, inflammable and explosive articles.
- Do not recharge, short-circuit, disassemble, incinerate the battery or heat the battery to more than 100°C.
- Do not use the battery beyond the permitted temperature range.

**Wuhan Sunmoon Battery Co., Ltd.**

Tel: +86-27-84732116 84730089  
 Add: No.231, Xingsan Road, Hannan District, Wuhan, Hubei Province, China

Post: 430090  
 Web: [www.sunmoonbat.com](http://www.sunmoonbat.com)  
 Email: [info@sunmoonbat.com](mailto:info@sunmoonbat.com)