



# CR 123A

**Lithium Manganese Dioxide Battery**

**[Li/MnO<sub>2</sub>] 3.0V**



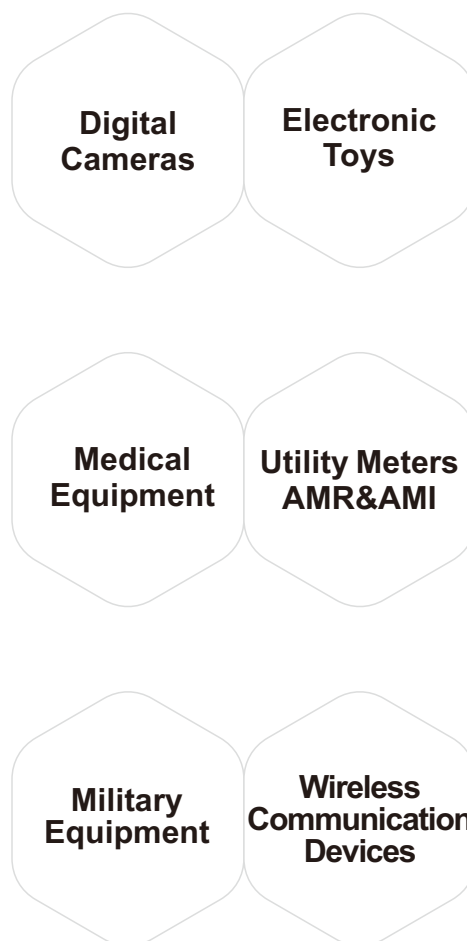
## • Electrical Specification

<b>Nominal Capacity[2mA~2V]</b>	<b>1.5Ah</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>1000mA</b>
<b>Max. Pulse Discharge Current</b>	<b>2500mA</b>
<b>Max. Weight</b>	<b>20g</b>
<b>Operating Temperature</b>	<b>-40°C ~ +70°C</b>

## • Advantages

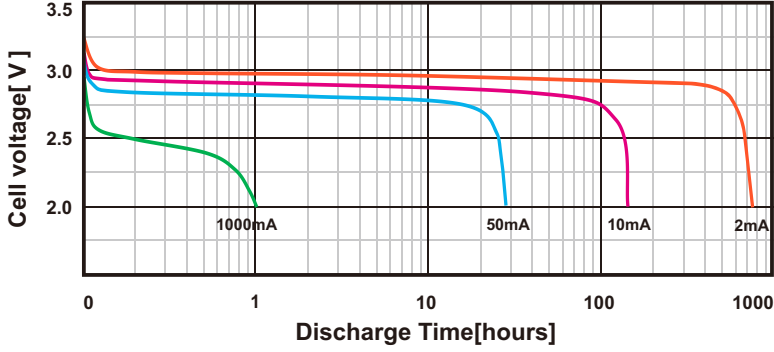
- High energy density over 320Wh/kg
- 3.0V series cell with operating voltage ranging from 2.5~3.0V and stable discharging voltage
- No passivation[or voltage delay]
- Operating temperature: -40°C ~ +70°C
- Good performance under high power pulse discharge , excellent reliability and environment friendly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

## • Main Applications

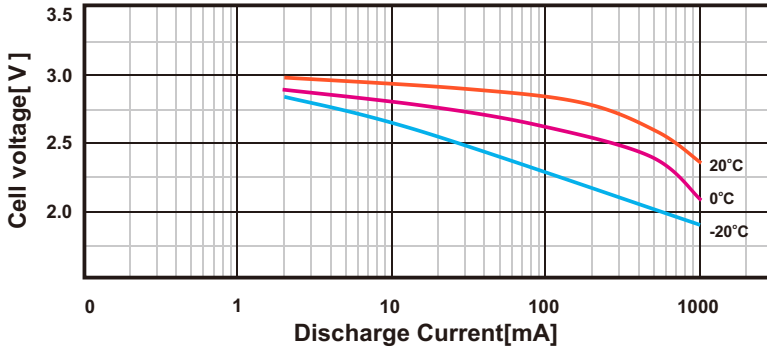


**Customer Satisfaction is the Purpose We Always Adhere to,  
Continuous Improvement is the Direction We Always Pursue!**

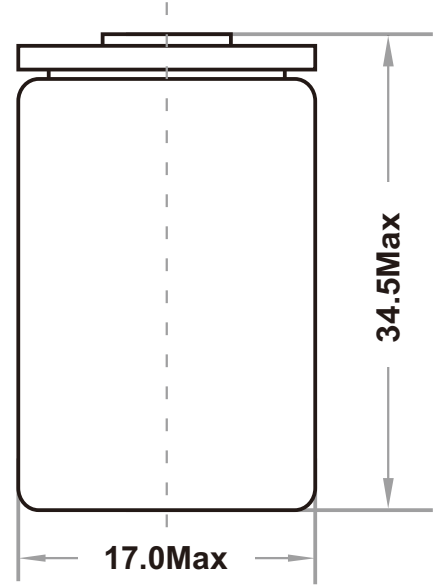
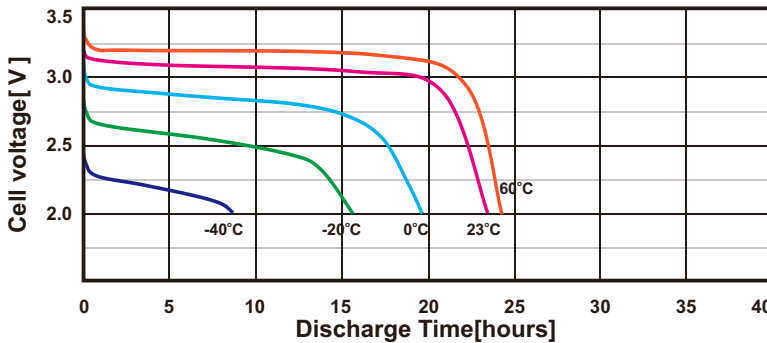
Discharge Current VS Discharge Time at Room Temperature Under Atmospheric Pressure



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.