

## Lithium Manganese Battery Technology Specification

**Customer** \_\_\_\_\_

**Part name** Lithium Manganese Battery  
\_\_\_\_\_

**Model No** CR14250 650mAh 3.0V  
\_\_\_\_\_

**Serial No** \_\_\_\_\_

**Produce No** \_\_\_\_\_

|                    |  |                   |              |
|--------------------|--|-------------------|--------------|
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## 1. SCOPE

The specification applies to CR14250 (Li/MnO<sub>2</sub>) battery supplied by Shenzhen pkcell battery Co.,Ltd

## 2. Characteristics and Performance

**Table1**

| Item                 | Storage         | Performance | Test condition   |
|----------------------|-----------------|-------------|--|
| Nominal Voltage      | —               | 3.0V        | —  |
| Normal capacity      | —               | 650mAh      | Continuous Discharge at 5mA<br>To 2.0V at 20±3°C             |
| Max.Constant Current | —               | 500mA       | —  |
| Max. Pulse Current   | —               | 1500mA      | —  |
| Working temperature  | —               | -40~+85°C   | —  |
| OCV                  | Fresh           | 3.1V~3.3V   | DC<br>Voltmeter: accuracy≥±0.005V<br>Input impedance≥1MΩ     |
|                      | After 12 months | 3.1V~3.3V   |  |
| CCV                  | Fresh           | ≥3.00V      | DC voltmeter:<br>accuracy≥±0.005V<br>load: 15kΩ for 0.8 sec. |
|                      | After 12 months | ≥3.00V      |  |

## 3. Precautions

- Never charge the battery as it is not designed to be rechargeable, may cause leakage or explosion.
- Insert battery with its positive and negative terminals properly aligned with the corresponding marks on the equipment.
- Never short circuit, heat, incinerate or dismantle the battery.

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**Fig1. Structure and Dimensions**



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