# Lithium Manganese Battery
# Technology Specification

| | |
|---|---|
| **Customer** | |
| **Part name** | Lithium Manganese Battery |
| **Model No** | CR14250 650mAh 3.0V |
| **Part No** | CR14250 |
| **Date** | |

## 1. SCOPE

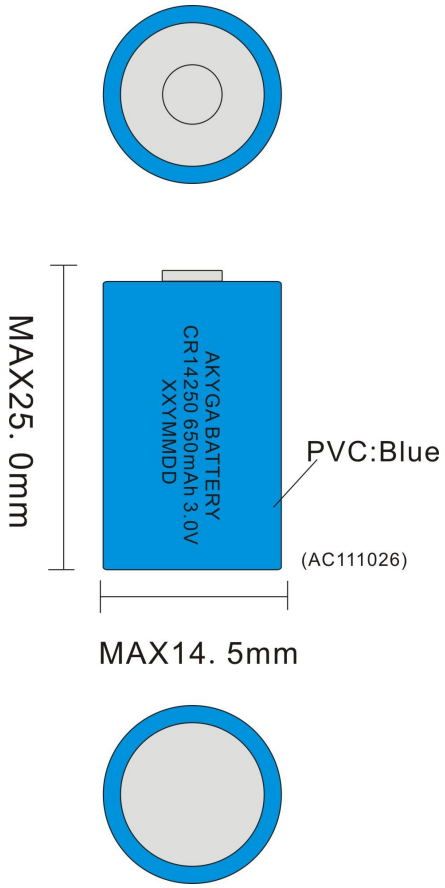
The specification applies to CR14250 (Li/$MnO_2$) battery supplied by Akyga Battery

## 2. Characteristics and Performance

**Table1**

| Item | Storage | Performance | Test condition |
|---|---|---|---|
| Nominal Voltage | — | 3.0V | — |
| Normal capacity | — | 650mAh | Continuous Discharge at 5mA To 2.0V at 20±3℃ |
| Max.Constant Current | — | 500mA | — |
| Max. Pulse Current | — | 1500mA | — |
| Working temperature | — | -40~+85℃ | — |
| OCV | Fresh | 3.1V~3.45V | DC Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ |
| | After 12 months | 3.1V~3.45V | |
| CCV | Fresh | ≥3.00V | DC voltmeter: accuracy≥±0.005V 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.

## Fig1. Structure and Dimensions