

Lithium Manganese Battery Technology Specification

Reference PLI139

Part name Lithium Manganese Battery

Model No CR26500 5400mAh 3.0V

1. SCOPE

The specification applies to CR26500(Li/MnO₂)

2. Characteristics and Performance

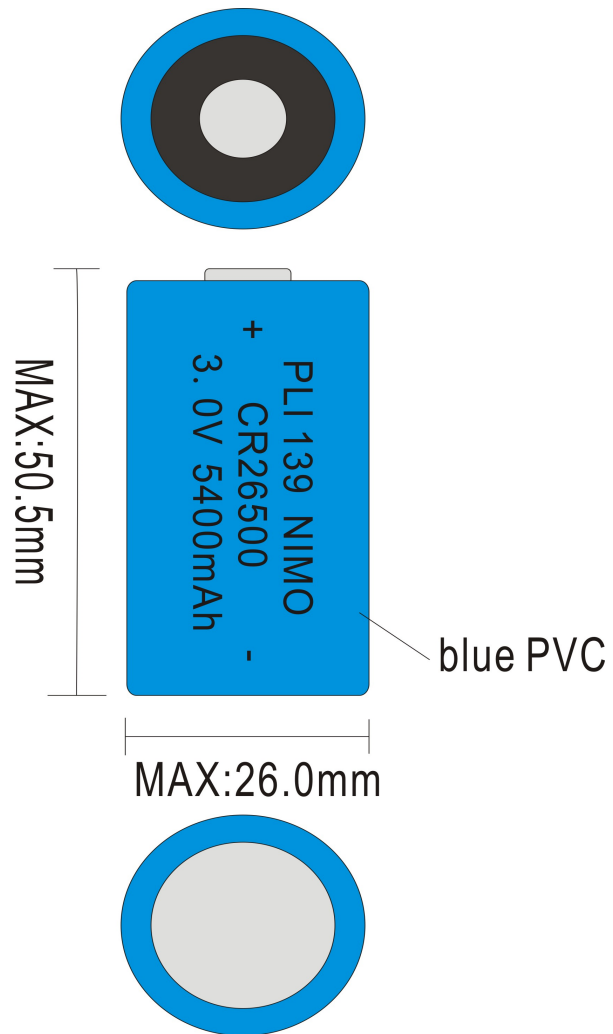
Table1

| Item | Storage | Performance | Test condition |
|-------------------------|--------------------|-------------|--|
| Nominal Voltage | — | 3.0V | — |
| Normal capacity | — | 5400mAh | Continuous Discharge at 10mA To 2.0V at 20±3°C |
| Max.Constant Current | — | 2000mA | — |
| Max. Pulse Current | — | 3000mA | — |
| Working temperature | — | -40~+85°C | — |
| OCV | Fresh | 3.10V~3.30V | DC Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ |
| | After 12 months | 3.10V~3.30V | |
| 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



- 3 -

.....END.....