

Lithium Manganese Battery Technology Specification

Reference PLI199

Part name Lithium Manganese Battery

Model No CR123A 1400mAh 3.0V

1. SCOPE

The specification applies to CR123A (Li/MnO₂) battery

2. Characteristics and Performance

Table1

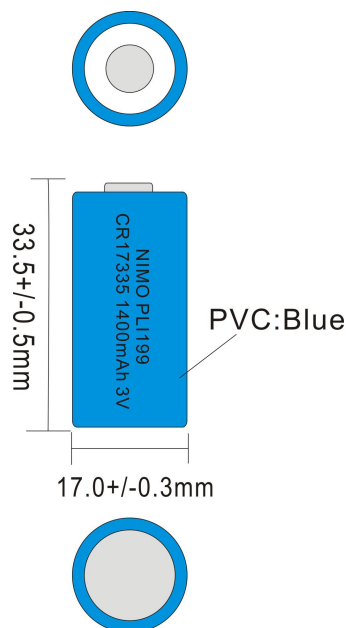
Item	Storage	Performance	Test condition
Nominal Voltage	—	3.0V	—
Normal capacity	—	1400mAh	Continuous Discharge at 10mA To 2.0V at 20±3°C
Max.Constant Current	—	1500mA	—
Max. Pulse Current	—	3000mA	—
Working temperature	—	-40~+85°C	—
OCV	Fresh	3.10V~3.30V	DC Voltmeter:accuracy≥±0.005V Input impedance≥1MΩ
	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.

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Fig1. Structure and Dimensions



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