



Primary Lithium Battery

CR14250SE

3.0V 950mAh

Primary lithium-manganese dioxide
(Li-MnO₂) Energy Type

For low drain/long term operating
Applications requesting superior voltage
response in -30°C~+80°C environments

Cell size references 1/2UM3-1/2R6-1/2AA

Alternative models 6127-CR1/2 6L-CR1/2 6LHT

Electrical characteristics

(Typical values relative to cells stored for one year or less at +30°C max)

Nominal capacity 0.95Ah

(At 0.5mA +20°C, 2.0V cut off. The capacity restored varies according to current, temperature, cut-off-voltage)

Nominal voltage (20°C) 3.0V

Max. continuous current (20°C) 20mA

Typical Max. pulse current (20°C) 70mA

Pulse capability: Typically up to 70mA(70mA/0.1 second pulses drained every 2min at 20°C from cells with 10µA base current, yielding voltage readings above 2.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Consult ACT if necessary)

Storage(recommended) +30°C Max

Operating temperature range -30~+80°C

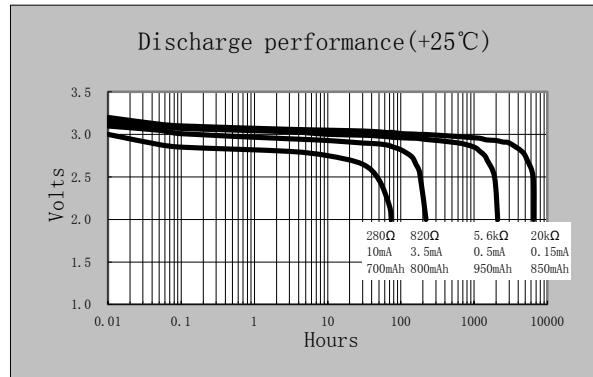
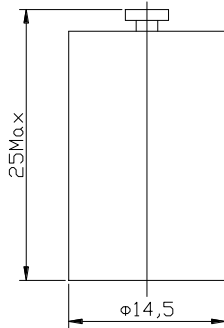
(High and low temperature will lower the capacity and load voltage)

Physical characteristics

Dimension(Max) φ 14.5×25.0mm

Typical weight 11g

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Key features

- >High and stable load voltage
- >Superior drain capacity
- >Laser welding
- >Stainless steel container
- >Hermetic glass-to-metal sealing
- >Low self-discharge rate
(Less than 1% after 1 year of storage at 20°C)

main applications

- >Radio communication and other Military applications
- >Alarms and security systems
- >RFID
- >Beacons and emergency location transmitters
- >Metering systems
- >Led lighting applications
- >Others

Storage

- >Cells should be stored in a clean & dry (less than 70%RH) area
- >Temp. should not exceed +30°C

Warning

- >Do not use if cell casing is mangled
- >Do not use different model of cell in series
- >Do not try to recharge
- >Do not throw into fire

