



Ahead Cell Technology Co.,Ltd

**High Density
Bobbin 4/5A Cell**

Primary Lithium Battery

CR17450SE

**3.0V Primary lithium-Manganese Dioxide
(Li-MnO₂) Energy Type**

For low drain/long term operating applications requesting superior voltage response in -30°C ~+85°C environments

Cell size referances 4/5A

Electrical characteristics

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

Nominal capacity 2400mAh
(At 0.5mA +20°C,2.0V cut off.The capacity restored varies according to current,temperature,cut off)

Open circuit voltage(At 20°C) 3.0V

Nominal voltage (At 0.5mA +20°C) 3.0 V

Max. continuous current (at +20°C) 15mA

Typical Max. continuous current (at +20°C) 150mA

Pulse capability:Typical up to 150mA (150mA/0.1second pulses drained every 2min at 20°C from cells with 10µA base current,yield voltage readings above 2.0V.The readings may vary according to pulse characterics,temperature and cell's previous history.

Storage (recommended) +30°C Max

Operating temperature range
(High and low temperatur will lower the capacity and load voltage.) -30°C~+85°C

Physical characteristics

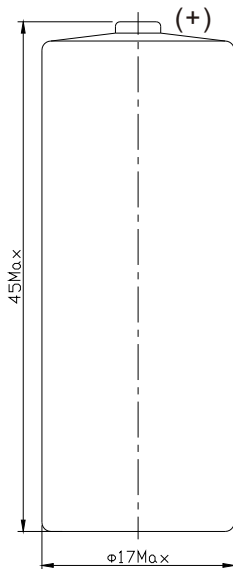
Diameter(Max) 17.0mm

Height(Max) 45.0mm

Typical weight 28g

Available terminal suffix radial tabs,radial pins,axial leads,flying leads

CR17450SE



Key features

- >High and stable load voltage
- >No passivation
- >Low self-discharge rate
(less than 1% after 1 year of storage at 20°C)

Main applications

- >Radiocommunication and other military applications
- >Alarms and security systems
- >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
- >Soldering the tag should be finished in few seconds
- >Do not try to recharge

