



Ahead Cell Technology Co.,Ltd

Primary Lithium Battery

CR34615 D 10000mAh

Primary lithium-manganese dioxide

(Li-MnO₂)

For high drain/long term operating
Applications requesting superior
Voltage response in -40°C ~+ 85°C
environment

<u>Cell size references</u>	<u>D</u>
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<u>Alternative models</u>	<u>CR34615</u>
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Electrical characteristics

<u>Normal capacity</u>	<u>10.0Ah</u>
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(at 10.0 mA, +20°C, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)

<u>Normal voltage (20°C)</u>	<u>3.0V</u>
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<u>Max. continuous current (20°C)</u>	<u>2000mA</u>
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<u>Max. pulse current (at +20°C)</u>	<u>3000mA</u>
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Pulse capability: Typically up to 3000mA (3000mA/0.1second 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)

<u>Storage (recommended)</u>	<u>+30°C Max</u>
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<u>Operating temperature</u>	<u>-55~+85°C</u>
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(High and low temperature will lower the capacity and load voltage.)

Physical characteristics

<u>Diameter(Max)</u>	<u>34.2mm</u>
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<u>Height (Max)</u>	<u>61.5mm</u>
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<u>Weight</u>	<u>120g</u>
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KEY FEATURES

- ✓ High and stable operating voltage
- ✓ Low self discharge rate (less than 2.5% after 1 year of storage at +20°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- ✓ Non restricted for transport

MAIN APPLICATIONS

- ✓ Utility metering
 - ✓ Military electronics
 - ✓ Alarms and security devices
 - ✓ Memory back-up
 - ✓ Tracking systems
 - ✓ Automotive electronics
 - ✓ Professional electronics
- ...etc.

Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.

WARNING:

- Forbid short-circuit, charge between “+” and “-” .
- Forbid over-discharge, fire and damage.
- Finish soldering in 5 seconds at 200° / 250° C.
- Take out the battery when discharged to cut-off voltage and correctly dispose.
- Do not recharge, short-circuit, disassemble.
- Do not inversely connect the (+), (-).

