

## Primary lithium batteries

### 3.6V Primary lithium-thionyl chloride (Li-SOCl<sub>2</sub>) Energy type 2/3A -size bobbin cell

Cell size references ( 2/3A )

#### Electrical characteristics

(typical values relative to cells stored for one year or less at +30°C max.)	<b>200mA</b>
Nominal capacity (at 1 mA +20°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).	<b>1.9Ah</b>
Open circuit voltage (at +20°C)	<b>3.66V</b>
Nominal voltage (at 1mA +20°C)	<b>3.6V</b>
Max.Continuous current	<b>100mA</b>
Max.Pulse current	

Pulse capability: Typically up to 200 mA (200 mA/0.1 second pulses, drained every 2 mn at +20°C from undischarged cells with 10 µA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell' s previous history. Fitting the cell with a capacitor may be recommended in severe conditions.

Storage (recommended) (for more severe conditions)	<b>+30°C (+86° F) max</b>
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Operating temperature range (Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses)	<b>-55°C/+85°C</b> (-76° F/+185° F)
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#### Physical characteristics

Diameter(max)	<b>17.5mm</b>
Height(max)	<b>33.5mm</b>
Typical weight	<b>18.0g</b>
Available termination suffix	radial tabs, radial pins, axial leads, flying leads (T/AX/P/PT)

#### Key Features

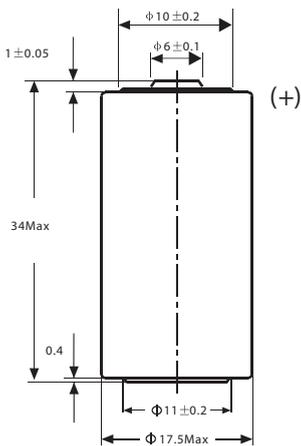
- Stainless steel container
- High and stable operating voltage
- Superior discharge rate  
(less than 1% after 1 year of storage at +20°C)
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard

#### Main applications

- AMR utility meters
- Memory back-up
- Automotive devices
- Deep hole drilling
- RFID devices
- Electronic toll tags
- GPS emergency locators
- Animal tracking
- Asset/container tracking
- Vehicle tracking
- House arrest systems
- Medical devices
- Wireless security(PIR)
- Oceanographic buoys
- Military electronics
- Industrial instruments

# ER17335

## 3.6V 1900mAh



Unit : mm

### Storage

The storage area should be clean,  
Cool (not exceeding +30°C), dry  
And ventilated.

### Warning

- Do not use if the battery casing was mangled.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate or expose contents to water.
- Do not solder directly to the cell (use tabbed cell version instead)

