



# PCL9002

## ER26500M

### 3.6V 6500mAh

## Primary lithium batteries

**3.6V Primary lithium-thionyl chloride  
(Li-SOCl<sub>2</sub>) high power type  
C -size spiral cell**



Cell size references ( UM2 - R14 - C )

### Electrical characteristics

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

Nominal capacity **6.5Ah**

(at 2 mA +20°C 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off).

Open circuit voltage (at +20°C) **3.66V**

Nominal voltage (at 2mA +20°C) **3.6V**

Max.Continuous current **1000mA**

Max.Pulse current **1500mA**

Pulse capability: Typically up to 1500 mA (1500 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) **+30°C (+86° F) max**  
(for more severe conditions)

Operating temperature range **-55°C/+85°C**

(Operation above ambient T may lead to reduced capacity and lower voltage readings at the beginning of pulses) **(-76° F/+185° F)**

### Physical characteristics

Diameter (max) **26.2mm**

Height(max) **50.0mm**

Typical weight **55.0g**

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

### Main applications

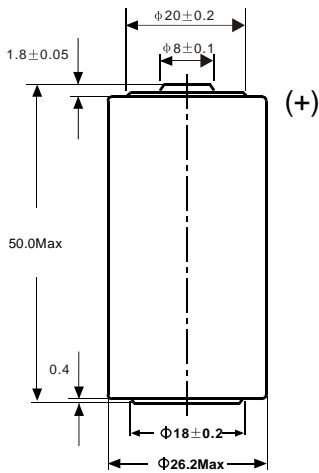
- AMR utility meters
- Memory back-up
- Automotive devices
- Deep hole drilling
- RFID devices
- Electronic toll tags
- GPS emergency locators
- Animal tracking
- Asset/container tracking
- Vehicle tracking
- House arrest systems
- Medical devices
- Wireless security(PIR)
- Oceanographic buoys
- Military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



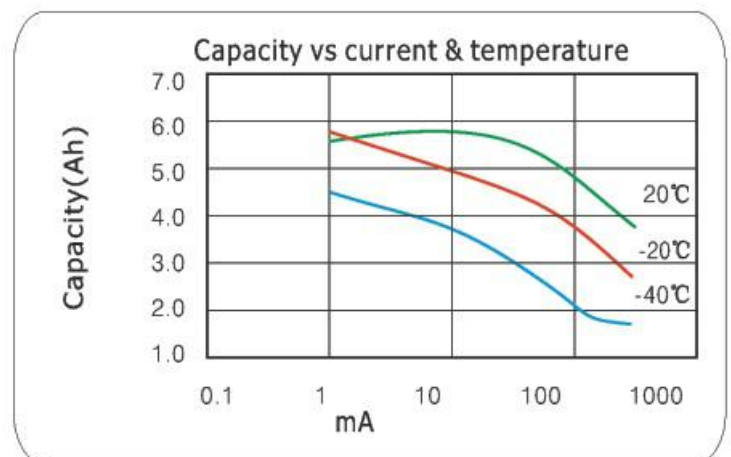
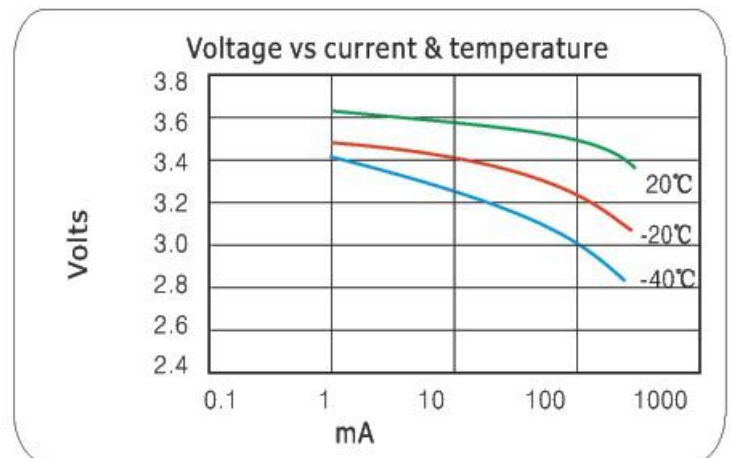
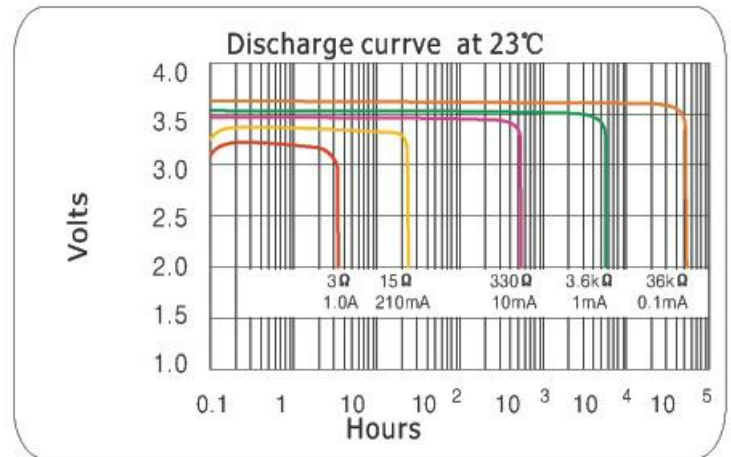
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3.6V 6500mAh



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 or water.
- Do not solder directly to the cell (use tabbed cell versions instead)