

**Primary Lithium Battery:
 Chemistry:**

**ER2450-ST
 Lithium Thionyl Chloride**

Electrical Characteristics

Typical values for cells stored one year or less at temperature 25°C.

Nominal Voltage:	3.6V
Nominal Capacity: (At 0.3mA, 25°C, 2.0V cut off. The capacity restored by the cell varies with current drain, temperature and cut off voltage.)	500mAh
Maximum Recommended Continuous Current:	5mA
Maximum Pulse Current Capacity:	15mA
Rated 1 sec. Pulse Capacity (to 3.0V): (Pulse capability varies according to pulse Characteristics, frequency duration, temperature, storage conditions prior to usage and application acceptable minimum voltage.)	10mA
Operating Temperature Range: (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-40°C / +125°C
Typical Weight:	9g
Dimensions:	24.5mm x 5.0mm
Storage Temperature: (Recommended Max.)	+30°C

Features

- ♦ High energy density
- ♦ High working voltage
- ♦ Stability of performance
- ♦ Wide operating temperature
- ♦ Low self discharge rate
- ♦ Hermetic glass-to- metal sealing

Applications

- ♦ TPMS
- ♦ Utility metering
- ♦ Test equipment
- ♦ Monitoring systems
- ♦ Memory back-up
- ♦ Tracking systems
- ♦ Data loggers
- ♦ RF electronics

Product specifications are subject to change without prior notice. Please contact BiPOWER for update information.

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