

**Primary Lithium Battery:**  
**Chemistry:**

**BL-7PN-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:	700mAh
(At 1mA, 25°C, 2.0V cut off. The capacity restored by the cell varies with current drain, temperature and cut off voltage.)	
Maximum Recommended Continuous Current:	10mA
Maximum Pulse Current Capacity:	30mA
Rated 1 sec. Pulse Capacity (to 3.0V):	15mA
(Pulse capability varies according to pulse Characteristics, frequency duration, temperature, storage conditions prior to usage and application acceptable minimum voltage.)	
Operating Temperature Range:	-40°C / +125°C
(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	
Typical Weight:	8g
Dimensions:	1.00"x0.65"x0.25"
Storage Temperature: (Recommended Max.)	+30°C

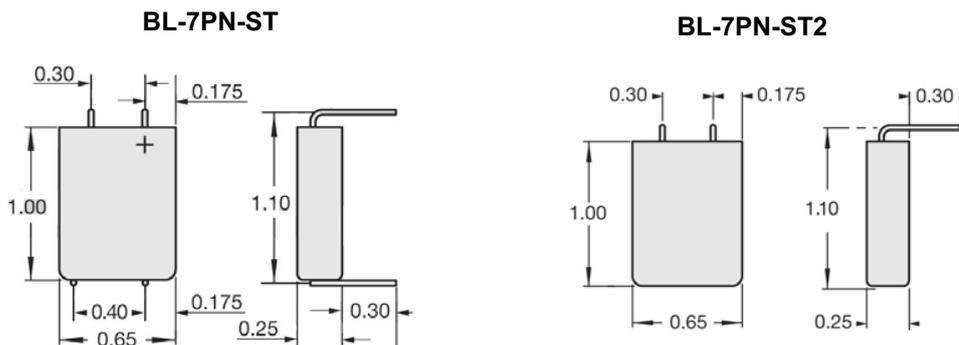
**Features**

- ◆ High energy density
- ◆ High working voltage
- ◆ Low self discharge rate
- ◆ Wide operating temperature
- ◆ Hermetic glass-to- metal seal
- ◆ UL Recognition File No. MH45994

**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.



Dimension in inch

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