

**P/N: ER14250LR**  
**SIZE: 1/2AA**

**HIGH TEMPERATURE LITHIUM CELL**  
Lithium Thionyl Chloride (Li/SOCl<sub>2</sub>)

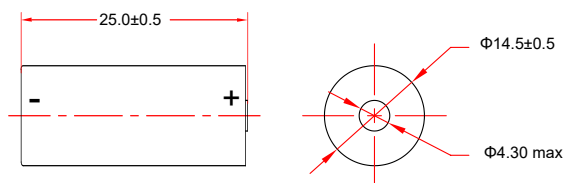
**CROSS REFERENCE**  
14-24-150LR; PMX150: 3B5700  
BAT-ER14250-SM, ER14250MR

## 1. Cell Specifications

|  |                                  |
|--|----------------------------------|
| 1.1 Open Circuit Voltage (OCV):  | 3.6V                             |
| 1.2 Nominal Capacity:<br>(Rated for a 1mA discharge current at 135°C with a 2.0V cut-off.) | 800mAh                           |
| 1.3 Maximum continuous current (135°C):  | 20mA                             |
| 1.4 Maximum pulse current (135°C):   | 50mA                             |
| 1.5 Operating temperature range:   | -30°C to +150°C (-22°F to 302°F) |
| 1.6 Self-discharge rate (per year at 25°C):  | 2%                               |
| 1.7 Cell dimensions (Diameter x Height):   | 15.0mm x 25.5mm                  |
| 1.8 Typical cell weight:   | 9.6 g                            |
| 1.9 Lithium Content (for transportation):  | 0.24 g                           |

2. Storage condition (recommended):  $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$  (72°F - 82°F)  
(Extended storage periods or exposure to extreme high or low temperatures will result in cell passivation. For more information about passivation, please refer to the document on our website: [www.bipowerusa.com/documents/passivation.pdf](http://www.bipowerusa.com/documents/passivation.pdf).)

## 3. Product Drawing (dimensions in mm)



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