



ISO9001 UL CE RoHS

## ER13150

### 3.6v Primary Lithium Thionyl Chloride High Energy Bobbin Battery

#### Benefits

- High energy density
- High voltage, stable during most of the application's lifetime
- Wide range of operating temperature[-55°C ~ + 85°C ]
- Low self-discharge rate [less than 1% per year of storage]
- Long storage life [ 10 years under normal room temperature]

#### Main application

- Intelligent Instrument and meter
- Memory and standby power
- Alarms and security devices
- Automotive electronics
- Electronic toll collection
- Military devices

#### Electrical characteristics (23±2°C)

Nominal capacity	0.45Ah
Nominal voltage	3.6V
Maximum recommended continuous current	10mA
Maximum recommended pulse current	20mA
Operating temperature range	-55°C ~ +85°C

UL Component Recognition MH 29130

#### Physical characteristics

Diameter[max]	13.5mm
Height[max]	15.7mm
Typical weight	7g

#### Available terminations

- S: Standard termination  
T: Solder tabs  
P: Axial pins  
Special termination are available upon request.

MSDS is available upon request.

## Wuhan Voltec Energy Sources Co.,Ltd.

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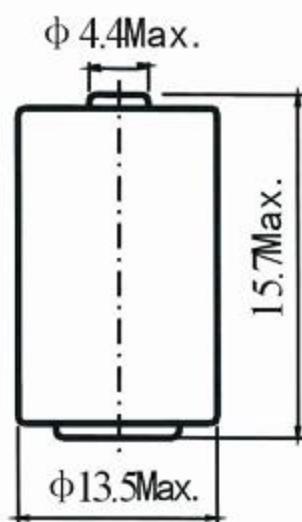
E-mail: [sunmoon@voltec-sunmoon.com](mailto:sunmoon@voltec-sunmoon.com)



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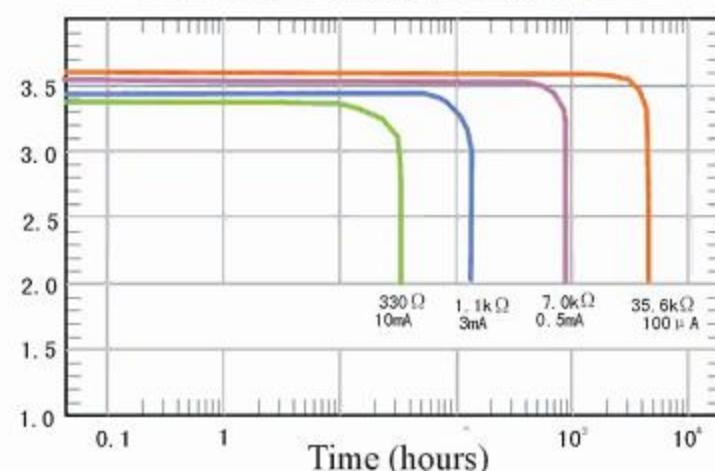
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Chloride High Energy  
Bobbin Battery

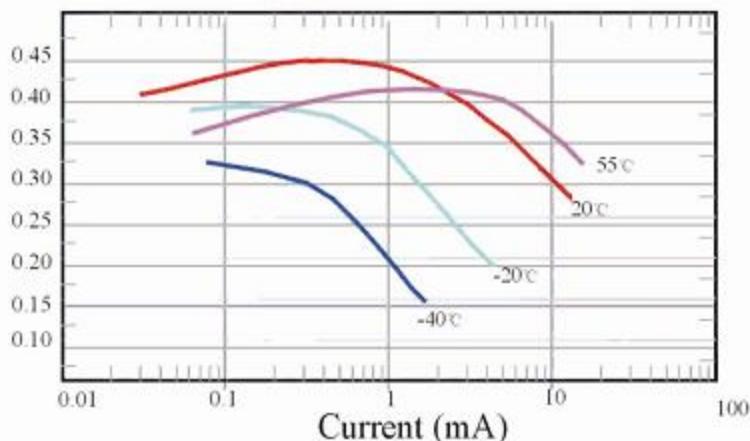


S: Standard termination

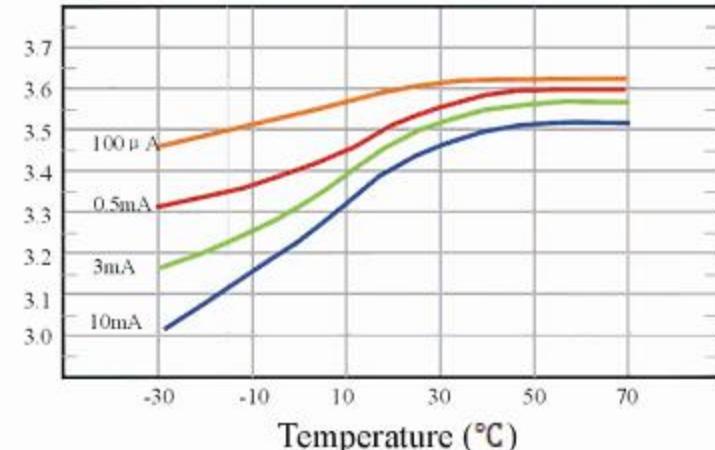
Discharge Characteristics at  $23 \pm 2^\circ\text{C}$



Capacity VS. Current



Voltage VS. Temperature



**Warning:**

- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C incinerate.
- Do not use the battery beyond permitted temperature range.

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