

## ER34615

### 3.6V Primary Lithium Thionyl Chloride High Energy D-size Bobbin Battery



#### Characteristics

- High energy density
- High and stable operating voltage during most of the lifetime in the application
- Wide range of operating temperature (-55°C~+85°C)
- Long operating time
- Low self-discharge rate (less than 1% after 1 year of storage)
- Long storage life (over 10 years under normal room temperature)

#### Main Applications

- Utility metering
- Automatic meter reading
- Medical electronics
- Remote monitoring systems
- Portable communications
- Industrial applications

#### Electrical Specifications

(23±2°C)

Nominal capacity(2mA~2V):	19Ah
Rated voltage:	3.6V
Max constant current of discharge:	230mA
Max discharge current(pulse):	500mA
Operating temperature range:	-55°C~+85°C

**UL** U.L. Component Recognition MH 29130

#### Physical Specifications

Diameter(max.)	34.0mm
Height(max.)	61.5mm
Weight(max.)	115g

#### Available terminations

S:Standard termination

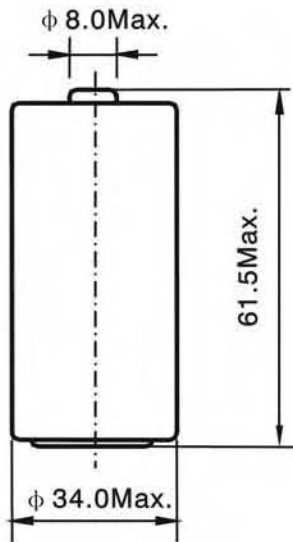
T:Solder tabs

P:Axial pins

Special terminations are available upon request.

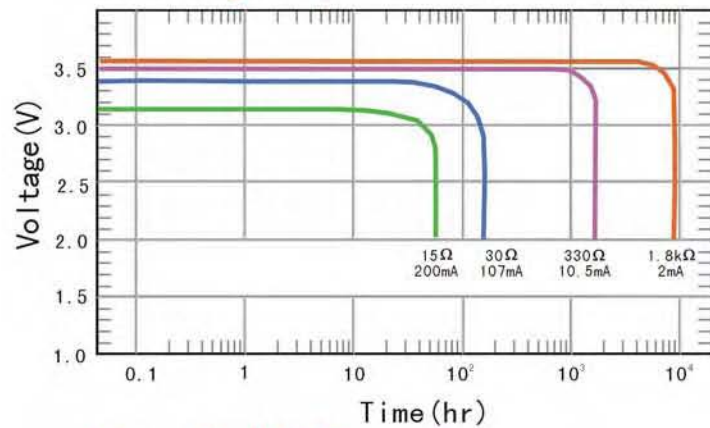
MSDS is available upon request.

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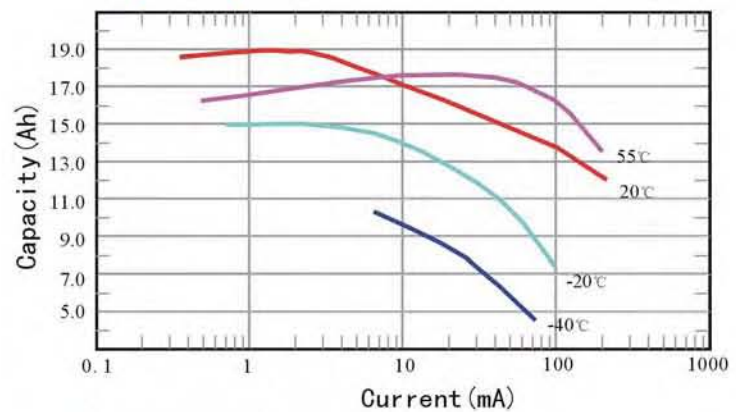


S: Standard termination

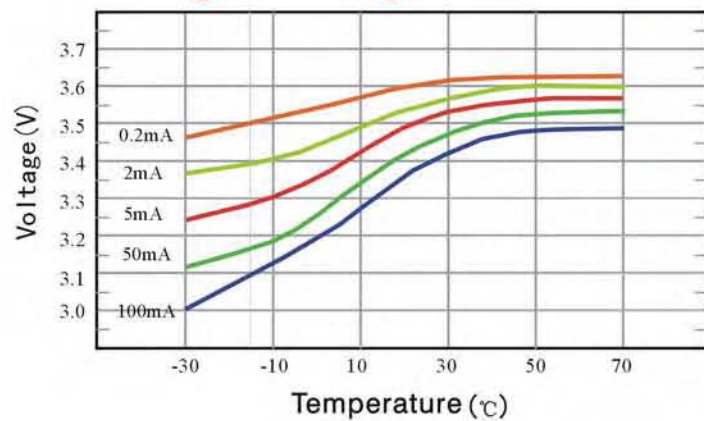
### Discharge Characteristics at $23 \pm 2^\circ\text{C}$



### Capacity VS. Current



### Voltage VS. Temperature



### Warning

- Fire, explosion and burn hazard
- Do not recharge, short circuit, crush, disassemble, heat above  $100^\circ\text{C}$ , incinerate
- Do not use the battery beyond the permitted temperature range