



International size reference: 1/2AA

## ER14250MR-150

Moderate Rate Lithium  
Thionyl Chloride Cell

### KEY FEATURES

- ✓ Primary Cell(non-rechargeable)
- ✓ High voltage response,stable during most of the lifetime of the application
- ✓ Low self-discharge rate(less than 1% per year of storage at +20°C)
- ✓ Stainless steel container
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Built to withstand extreme shock and vibration
- ✓ Compliant with IEC 60086-4 safety standard
- ✓ Non-restricted for transportation

### MAIN APPLICATIONS

- ✓ Downhole oil & gas  
-Measurement While Drilling  
-Logging While Drilling
- ✓ Pipeline inspection gauges
- ✓ Tracking systems
- ✓ Sensor systems

## ELECTRICAL CHARACTERISTICS

(typical values for cells stored for one year or less, at +30°C)

Nominal capacity	0.8Ah
varies according to current drain, temperature and cut off voltage.)	
Nominal voltage	3.6V
Maximum recommended continuous current	20mA
(To get 50% of the nominal capacity at +20°C with 2.0V cut off. Higher currents possible, consult EVE.)	
Storage (Recommended)	+30°C
(for more severe condition consult EVE)	
Operating temperature range	-40°C~+150°C
(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings)	
Cell Diameter (nominal)	14.5mm
Cell Lengty (nominal)	25.4mm
Cell Weigth	8.5g
Lithium Weight	0.21g

### WARNING:

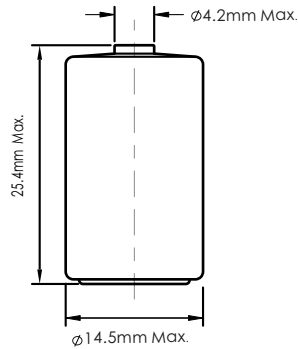
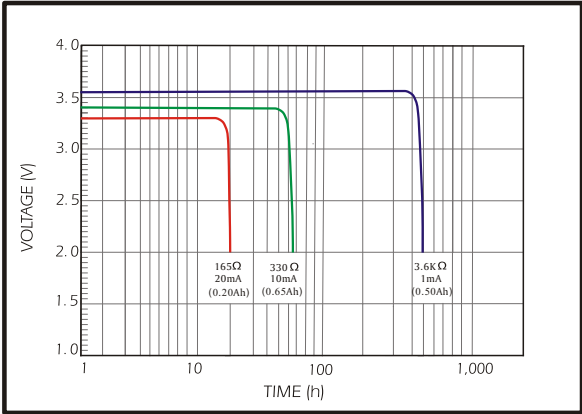
Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 165°C, incinerate, or expose contents to water.

V1202

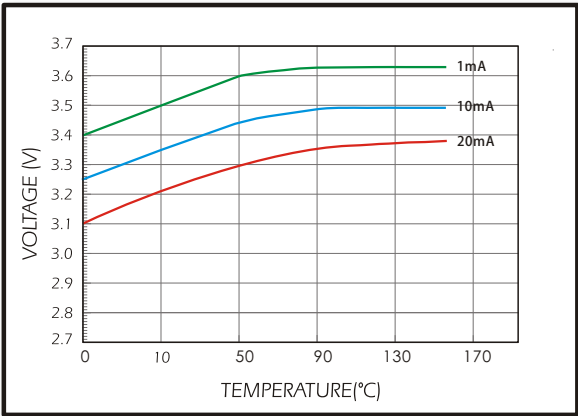
Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as Warranties, either expressed or implied, of future performance.

# ER14250MR-150

## 1. DISCHARGE CHARACTERISTICS@+150°C



## 2. VOLTAGE VS. TEMPERATURE

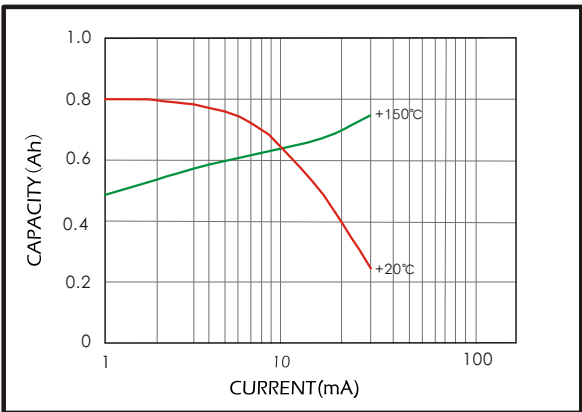


### AVAILABLE TERMINATIONS

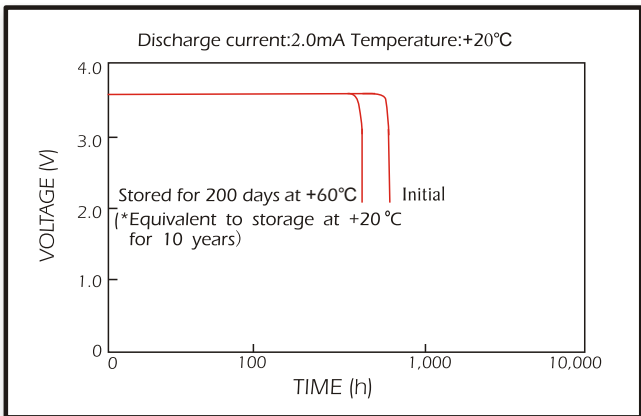
Suffix-/S	Standard
Suffix-/P	Axial Pins
Suffix-/T	Solder Tabs
Suffix-/2PT	Radial Pins
Suffix-/3PT/3TP	Radial Pins

[View available terminations](#)

## 3. CAPACITY VS. CURRENT



## 4. STORAGE CHARACTERISTICS



### EVE ENERGY CO., LTD.

Address: EVE Industrial Park, XiKeng Industrial zone, Huihuan Town, Huizhou, Guangdong, China  
 Operator: (86-752)260 6966 Fax: (86-752)260 6033

[http:// www.evebattery.com](http://www.evebattery.com) Email: [sales@evebattery.com](mailto:sales@evebattery.com)

Latest version can be downloaded from the EVE website