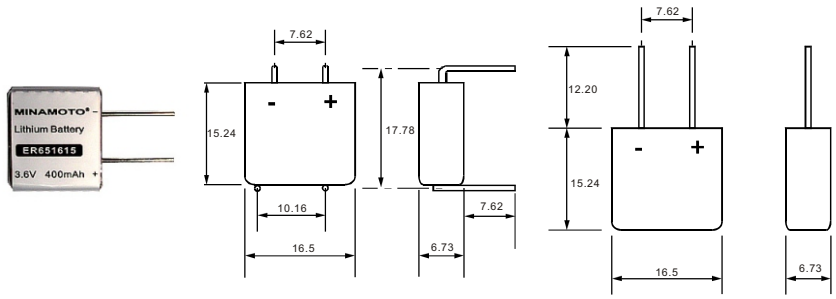
The Source of Electric Power
MINAMOTO®

Website: www.minamoto.com
e-mail: info@minamoto.com

ER651615 Specification

Primary Lithium Thionyl Chloride
3.6V, 400mAh



Dimension in mm

Electrical characteristics

(Typical values for cells stored for one year or less at +25°C)

- **Nominal Capacity** 400mAh
  Stored for one year or less at 1mA, 25°C, 2.0V cut-off
- **Rated Voltage** 3.6V
- **Max. Recommended Continuous Current** 5mA
  Current value is determined to be the level at which the nominal capacity is obtained with an end voltage of 2V at 25°C
- **Max. Pulse Current** 20mA
  Current value is obtaining 2V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C
- **Storage (Recommended Max. Temperature)** ..... 30°C
- **Operating Temperature Range** ..... -55°C~ +85°C
- **Approximate Weight** 5g

Key Features

- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

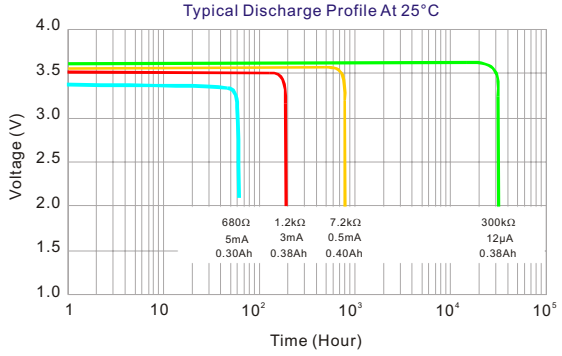
UL Component Recognition
File Number MH45330

Main Applications

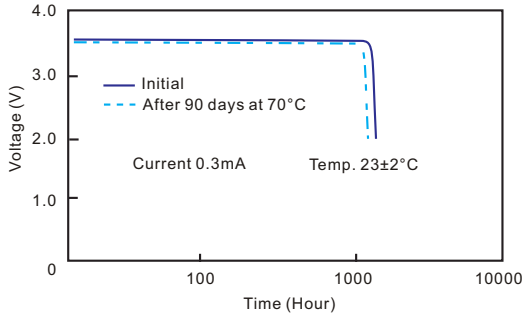
- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment

etc.

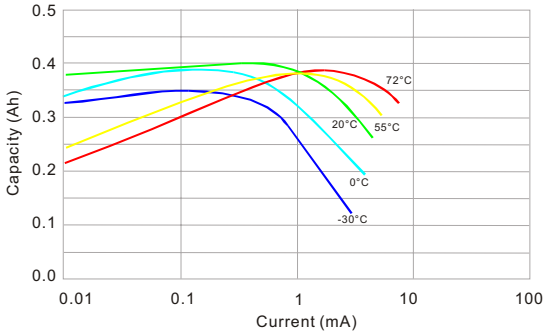
Typical Discharge Profile At 25°C



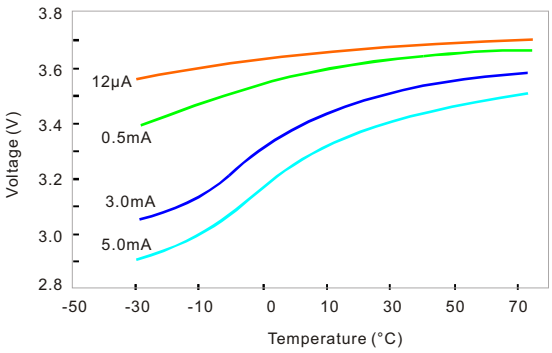
Storage Characteristics



Capacity vs Current vs Temperature



Voltage vs Current vs Temperature



WARNING: Risk of fire and burn. Do not recharge, disassemble, heat above 100°C or incinerate. Do not mix fresh batteries with used batteries.

**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.

Minamoto Battery Ltd. Flat A-6, 8/F., Mai Hing Industrial Building, 16-18 Hing Yip Street, Kwun Tong, Hong Kong. Tel: (852) 2793 4790 Fax: (852) 2793 4932