The Source of Electric Power
MINAMOTO®

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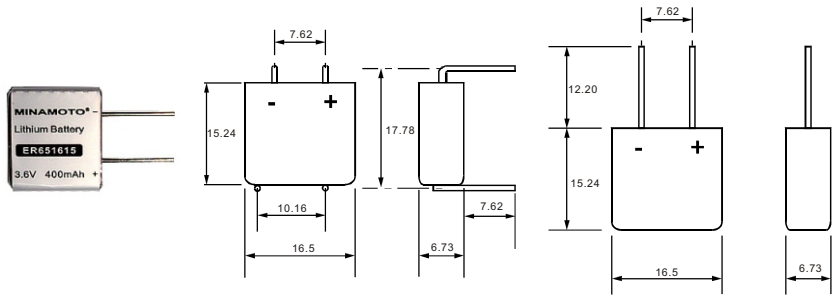
ER651615S Specification

Primary Lithium Thionyl Chloride
for high temperature
3.6V, 400mAh



Dimension in mm

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

UL Component Recognition
File Number MH45330

Electrical characteristics

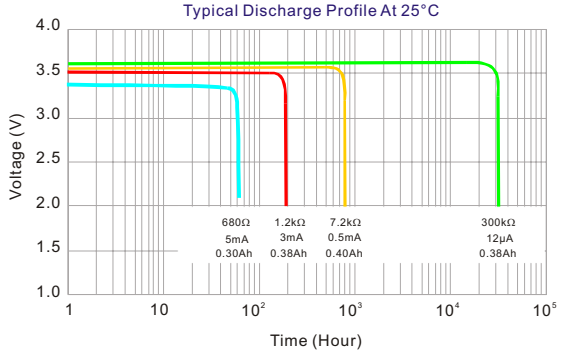
- **Nominal Capacity** 400mAh
  Stored for one year or less at 1mA, 25°C, 2.0V cut-off
- **Rated Voltage** 3.6V
- **Max. Recommended Continuous Current** 10mA
  Current value is determined to be the level at which the nominal capacity is obtained with an end voltage of 2V at 25°C
- **Max. Pulse Current** 20mA
  Pulse capability varies according to pulse characteristics (frequency and duration), temperature, cell history (storage conditions prior to usage) and the application's acceptable minimum voltage.
- **Storage (Recommended Max. Temperature)** ..... 30°C
- **Operating Temperature Range** ..... -55°C~ +125°C
- **Approximate Weight** 5g

Main Applications

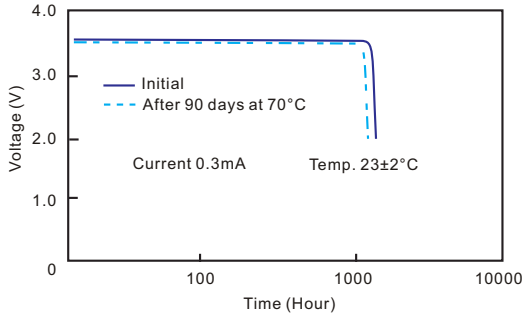
- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment

etc.

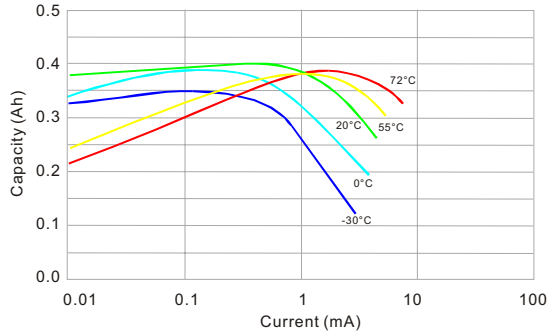
Typical Discharge Profile At 25°C



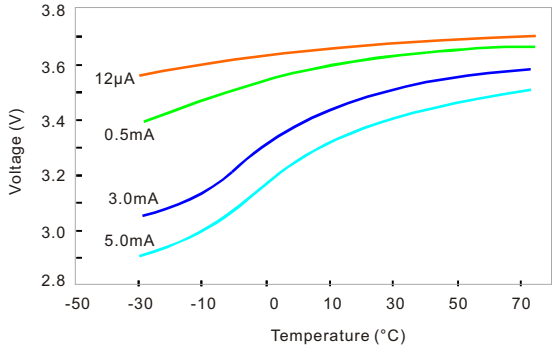
Storage Characteristics



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: The data in this document are for descriptive purposes only and subject to change without prior notice.

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