

# ER34615M/W200: D Size Spiral Cell

## Technical Datasheet



Technical Specifications	
<b>Part No.</b>	1000098
<b>Cell Type</b>	Primary, non-rechargeable
<b>Chemistry</b>	Lithium Thionyl Chloride
<b>Voltage Range</b>	2.0 to 3.7V
<b>Nominal Voltage</b>	3.6V
<b>Nominal Capacity</b>	14.5Ah @ 10mA to 2.0V @ 20°C
<b>Max. Continuous Discharge Current</b>	2000mA continuous
<b>Max. Pulse Discharge Current</b>	Up to 3000mA (life and temperature dependent)
<b>Weight</b>	107g
<b>Operating Temperature</b>	-55°C to 85°C
<b>Storage Temperature</b>	-55°C to 85°C (max 30°C for a >5 years life)
<b>Exterior/Housing</b>	Black heatshrink
<b>Terminals/Connector</b>	200mm flying leads with Molex 5264 Connector
<b>Safety</b>	AL-MSDS/RD-002 Material Safety Datasheet - MSDS041 Safety Guide UBM-5112
<b>Transportation</b>	Class 9 - A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

<b>Quality Assurance</b>	AceOn manufacturing facilities are ISO 9001:2008 registered. This product is listed under the Component Recognition Program of Underwriters Laboratories (UL) and has passed UN transportation testing, which is required for international transportation of all lithium batteries.
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### Features

- High and flat operating voltage
  - High power and higher energy for the whole battery life
- High drain capability
  - Higher power applications
- Low self-discharge rate (<1% per year at 20°C)
  - Battery life higher than 10 years, depending on the application
- Hermetic glass-to-metal sealing
  - Avoid leakage, key for higher than 10 year battery life
- Non-flammable electrolyte
  - Safer operation in case of abuse
- PTC device
  - Safe operation in the event of a short circuit

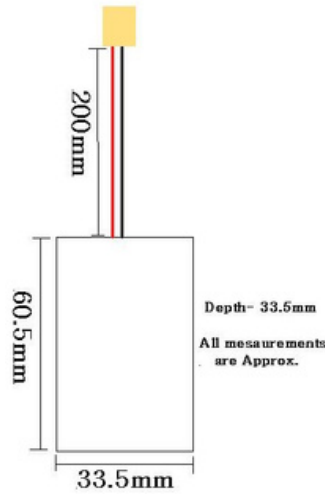
### Typical Applications

Battery for MCS-710, MCS-720, MCS-730 [0-9912-K], Visonic,

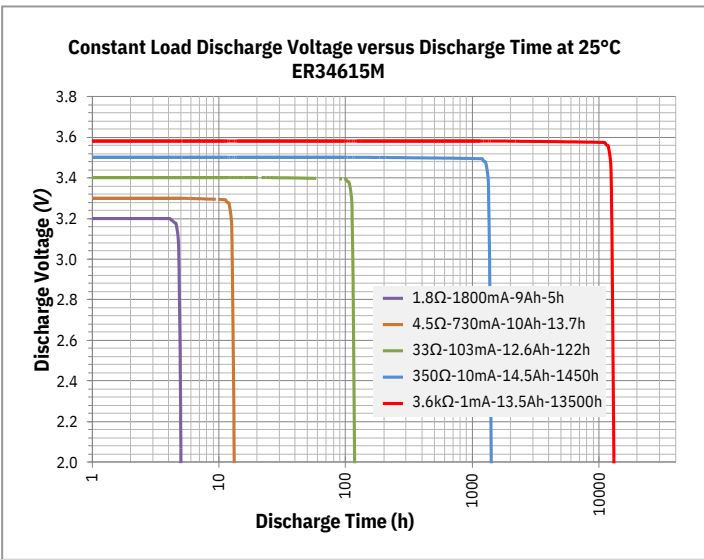
3V Lithium Replacement battery with flying leads and connector for the Bell/Siren Box.

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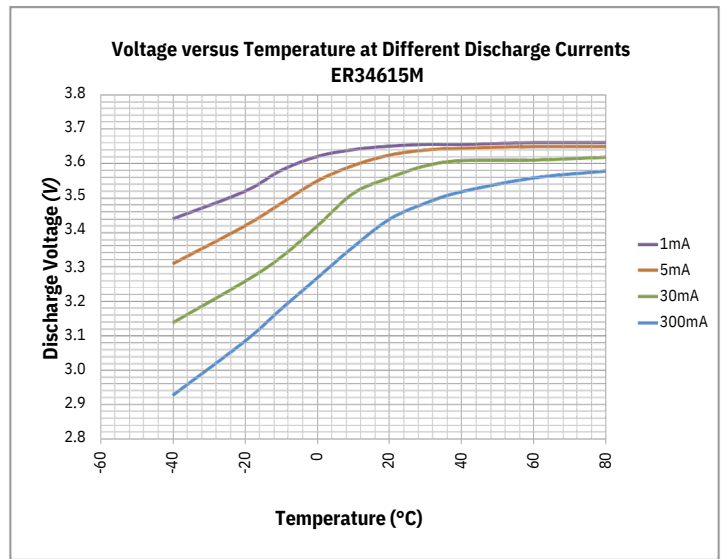
# Dimensions



# Typical Performance Graphs



High and flat voltage at high and low drain



High voltage at high drain even at -30°C



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