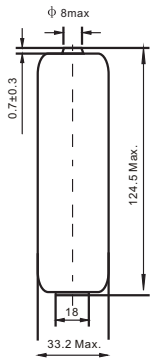
The Source of Electric Power
MINAMOTO®

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

ER341245S Specification

Primary Lithium Thionyl Chloride
High Temperature Type 3.6V, 25Ah

Equivalent Size: DD



Dimension in mm

Available Terminations	
-/P *	Axial Pin
-/T /PT2 *	Radial Pin
-/PT /TP *	Polarized Tab
(*): Reference to standard terminals for single lithium	

Electrical characteristics

- **Nominal Capacity** 25Ah
  Discharged capacity at 200mA, 150°C to end voltage 2.5V.
- **Rated Voltage** 3.6V
- **Max. Recommended Continuous Current** 400mA
  100% capacity available at 100mA discharged to cut-off voltage 2.0V at 150°C
- **Max. Pulse Current** 800mA
  800mA, 0.1second pulses every two minutes, drained with 50%, 200mA at 150°C from undischarged cells with 20uA base current, yield voltage reading above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history.
- **Storage (Recommended Max. Temperature)** ..... lower than 30°C
- **Operating Temperature Range** ..... -20°C~ +150°C
- **Approximate Weight** 220g

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-flammable electrolyte

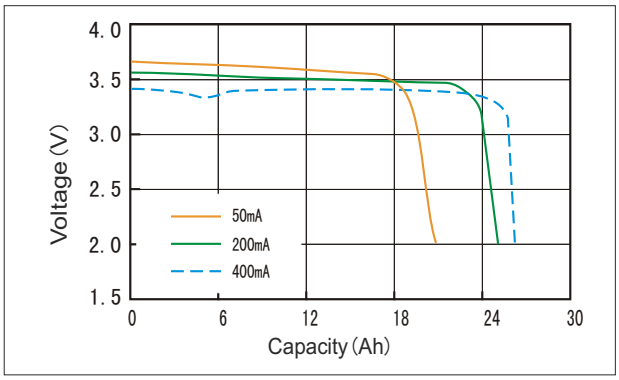
UL Component Recognition
File Number MH45330

Main Applications

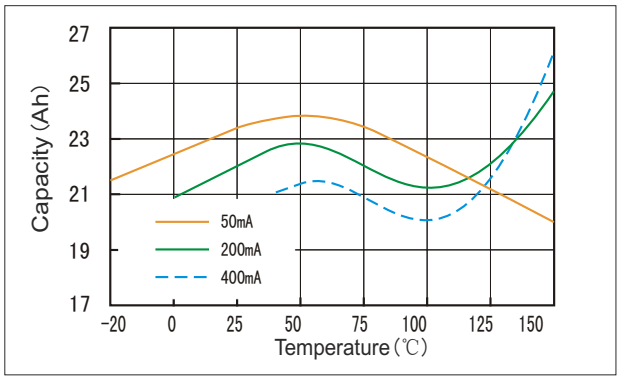
- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment

etc.

Discharge characteristics at 150℃



Capacity vs Temperature curve(cut off with 2.0V)



WARNING: Risk of fire and burn. Do not recharge, disassemble, heat above 160°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.

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