Primary Lithium Battery 2(ER34615-5+UPC1520)

Benefits

- High and Stable Voltage
- Energy Density up to 590Wh/kg
- Long Shelf Life
- Wide Operating Temperature (-40℃~+85℃)

Key Features

- Stainless Steel Container
- Glass to Metal Hermetic Sealing
- Non-flammable Electrolyte

Main Applications

- Security System
- Smart Metering
- RFID / IoT System
- Wireless Transmitting
- Smart Home Devices
- Military Devices

New cell:*
Refer to the cells that are stored within two months at no higher than +25℃.

Electrical Characteristics

Nominal voltage	7.2V
Nominal capacity	95000mAh

(At +25°C, battery discharged at continuous current 10mA until voltage reaches cut-off voltage 4.0V. The capacity can vary at different temperature, discharge current or cut-off voltage.)

Maximum continuous current	1250mA

(New cell*, at +25°C, 4.0V cut-off, battery discharged for minimum 50%°C of nominal capacity.)

Maximum pulse discharge current	2000mA

(Max current with duration of 1 second. The readings may vary according to the pulse characteristics, the temperature, and the's previous history.)

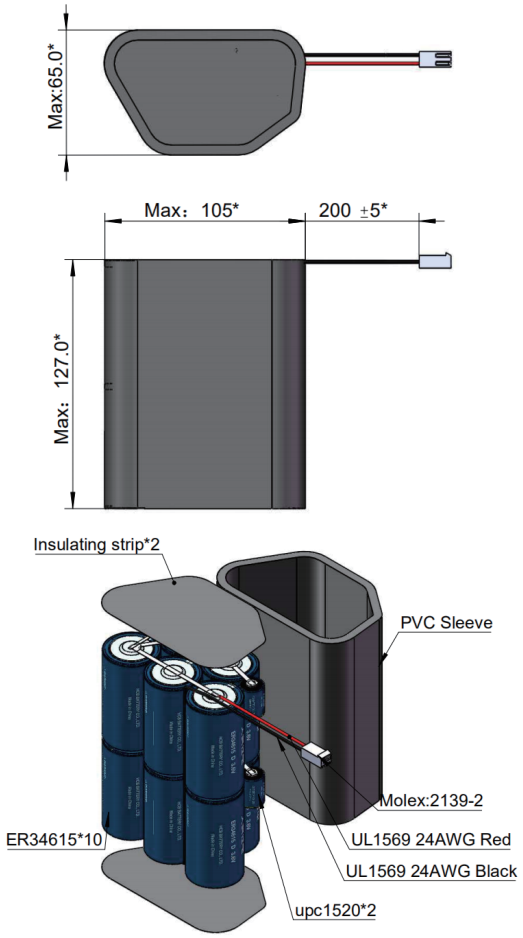
Storage temperature (recommended)	≤30°C
Storage humidity (recommended)	≤75%RH
Operating temperature range	-40°C~+85°C

(Operation above ambient temperature may lead to reduced capacity and lower voltage readings at the beginning of pulses.)

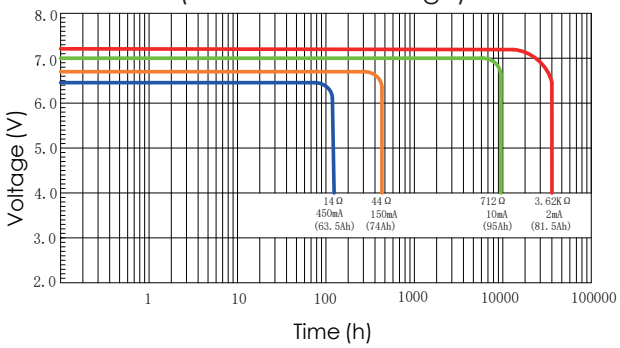
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Physical Characteristics

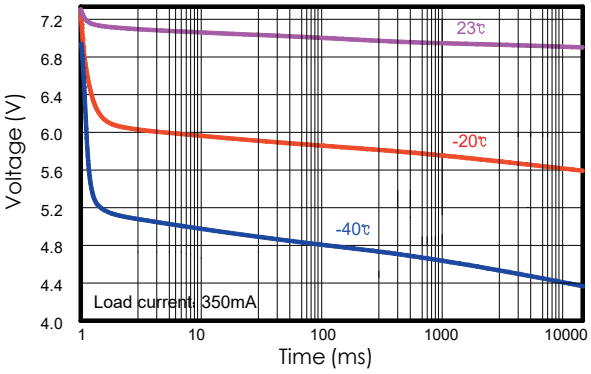
Lithium metal content	53g



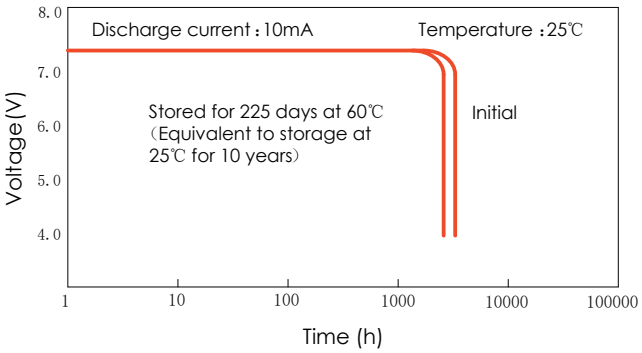
1. Typical discharge profiles at 25°C (at the mid-discharge)



2. 2UPC1520 350mA Discharge Curve



3. Storage characteristics



WARNING:

- Do not short circuit
- Do not recharge
- Do not puncture
- Do not crush
- Do not dismantle
- Do not incinerate
- Do not mix new and used batteries
- Do not heat above 100°c

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries . Cell and battery designs/specif -ications are subject to modification without notice.