

MC-ER14250

MasterCell®

High Power

Primary Lithium Battery

www.masterbattery.es



### Key Features

- Nominal Voltage 3.6V
- Energy Density up to 590Wh/kg
- Stable Voltage
- Long Shelf Life
- Wide Operating Temperature
- UL, UN38.3 and RoHS Certified

### Main Applications

- Security System
- Smart Metering
- RFID Devices
- GPS Tracking System
- Wireless Transmitting
- Smart Home Devices
- Military Devices

### Characteristics (23±2°C, in 1 year)

Open Circuit Voltage	≥3.6V
Nominal Capacity	1200mAh
<i>Battery discharged at continuous current 0.65mA until voltage reaches cut-off voltage 2.0V. The capacity can vary at different temperature, discharge current or cut-off voltage</i>	
Maximum Continuous Current	40mA
<i>Battery discharged for minimum 50% of rated capacity</i>	
Maximum Pulse Discharge Current	80mA
<i>Battery discharged for minimum 50% of rated capacity with max pulse for 3 seconds after 27 seconds break</i>	
Dimensions	Refer to page 2
Weight	10.0g
Lithium Content	0.35g
Storage Condition	Temperature ≤ 30°C Humidity ≤ 75%RH
Operating Temperature	- 60~+85°C
Self-discharge Rate	≤2%

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BATTERY



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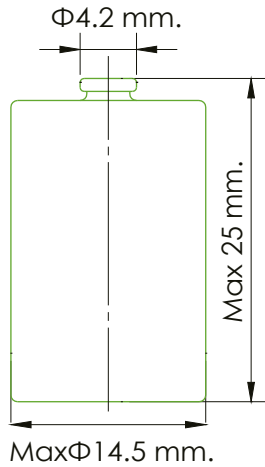
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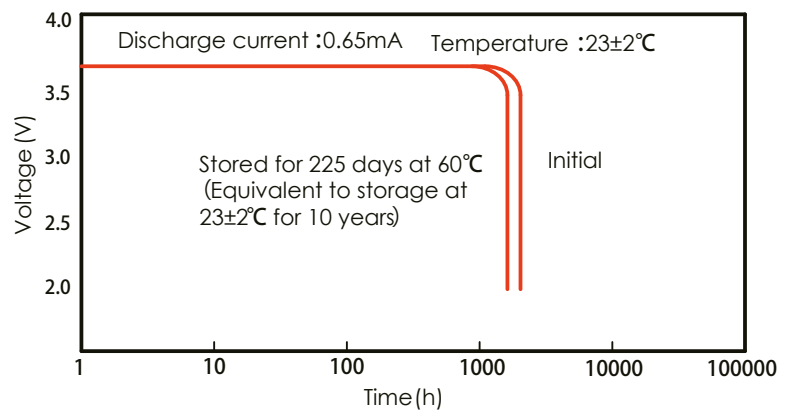
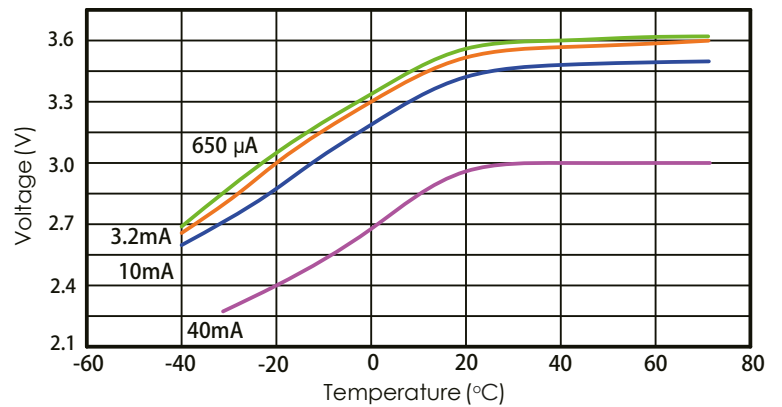
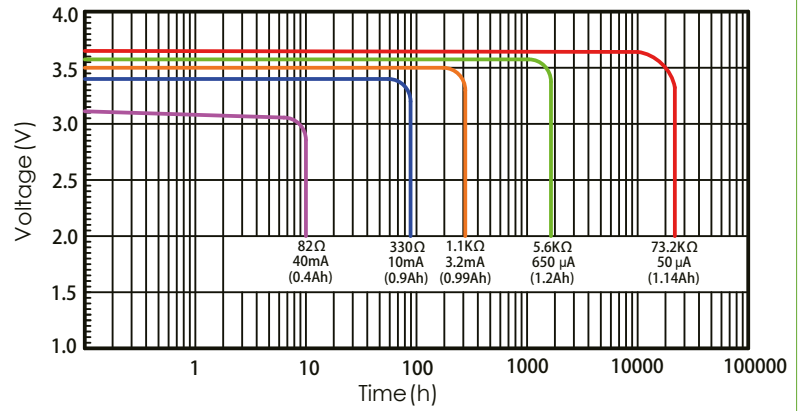
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### Dimensions



### 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



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