

MC-ER14505

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 $\geq 3.6V$

Nominal Capacity 2500mAh

Battery discharged at continuous current 1.35mA until voltage reaches cut-off voltage 2.0V. The capacity can vary at different temperature, discharge current or cut-off voltage

Maximum Continuous Current 100mA

Battery discharged for minimum 50% of rated capacity

Maximum Pulse Discharge Current 200mA

Battery discharged for minimum 50% of rated capacity with max pulse for 3 seconds after 27 seconds break

Dimensions Refer to page 2

Weight 20.0g

Lithium Content 0.72g

Storage Condition Temperature $\leq 30^{\circ}C$
Humidity $\leq 75\%RH$

Operating Temperature $-40 \sim +85^{\circ}C$

Self-discharge Rate $\leq 2\%$

MASTER
BATTERY



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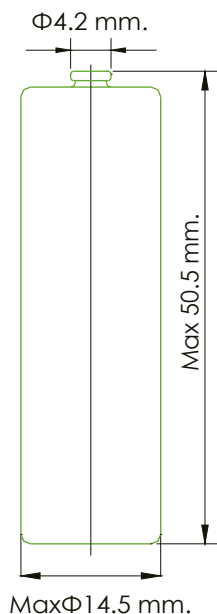
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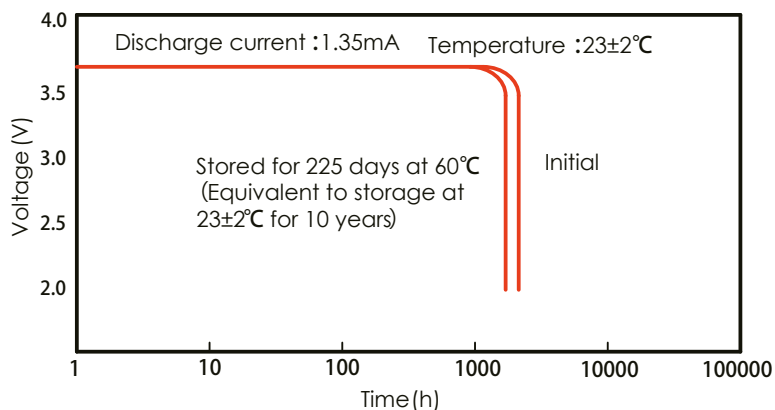
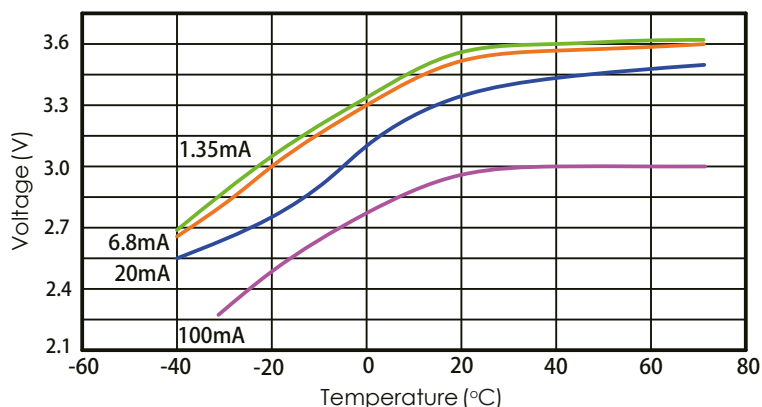
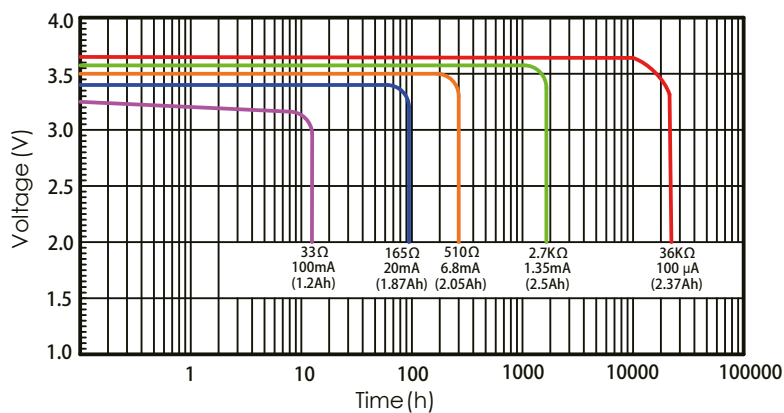
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Dimensions



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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