

MC-ER14505M

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

Characteristics (23±2°C, in 1 year)

Open Circuit Voltage $\geq 3.6V$

Nominal Capacity 2100mAh

Battery discharged at continuous current 4mA until voltage reaches cut-off voltage 2.0V. The capacity can vary at different temperature, discharge current or cut-off voltage

Maximum Continuous Current 400mA

Battery discharged for minimum 50% of rated capacity

Maximum Pulse Discharge Current 800mA

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

Dimensions Refer to page 2

Weight 22.0g

Lithium Content 0.60g

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

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

Self-discharge Rate $\leq 2\%$

Main Applications

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

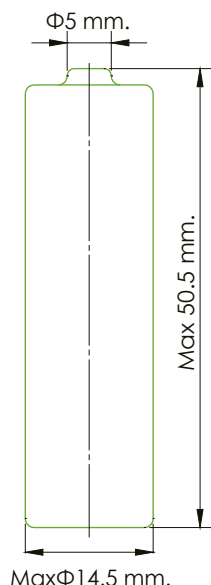
**MASTER
BATTERY**



Poligono industrial La Dehesa
C/ Dehesa Vieja, nº2 Nave 16
28052 Madrid (Spain)
Tel. (+34) 918 021 649
Fax. (+34) 917 750 542
info@masterbattery.es



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

