

Primary lithium battery ER14505

3.6V Primary lithium-thionyl chloride (**Li-SOCl₂**)

AA Size - High energy type

Cell Electrical characteristics

Nominal capacity	Data
At 23±2°C discharge at constant current 2mA until 2.0V cut off, battery capacity depending on temperature and discharge currents and cutoff voltage changes.	2400mAh
Nominal voltage	Data
Micro-current discharge platform voltage reference values Has to do with battery chemistry system and has nothing to do with the battery model.	3.6V
Open circuit voltage	Data
The voltage between positive and negative while the current is open.	≥3.6V
Maximum continuous current	Data
At 23 ± 2°C the battery can discharge at least the max continuous discharge value which rated capacity 50% can permit.	100mA
Maximum pulse discharge current	Data
At 23±2°C, battery discharge duration for 3 seconds and stand 27 seconds, it can discharge at least the max pulse discharge value which rated capacity 50% can permit.	200mA
Storage condition	Data
Stored the battery under recommends condition to make sure effectively battery's performance, the storage temperature or humidity too high will increase battery's self-discharge rate and reduce battery's storage life.	≤30°C ≤75%RH
Operating temperature	Data
Exceed the operating temperature range could lead to battery operating voltage reduction or even a security risk.	-40~+85°C
Outline dimension	Data
Finished Single cells' outline dimension	φ14.5×50.5mm
Weight	Data
Finished Single cells' max weight	20g
Self-discharge rate	Data
Out of the recommended condition, the self-discharge rate may increase.	1%



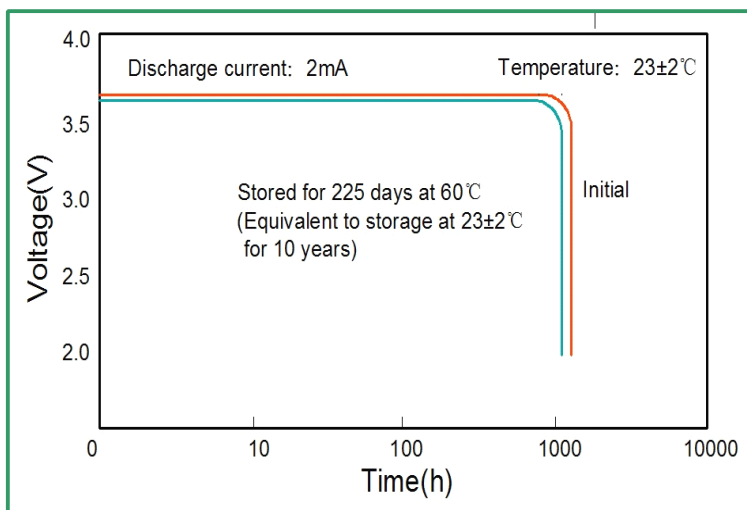
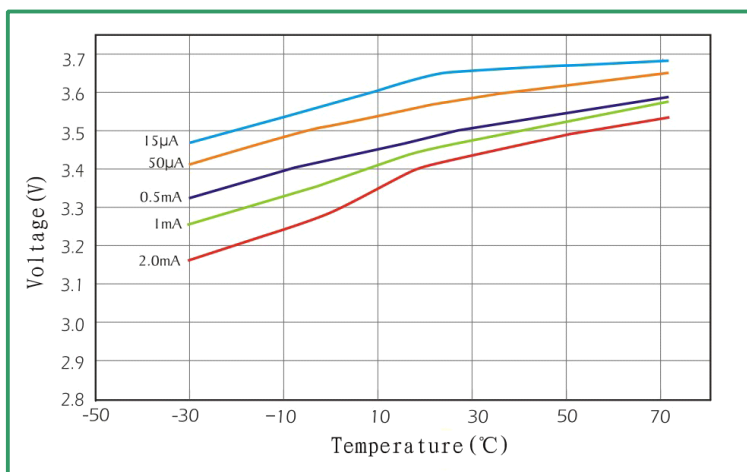
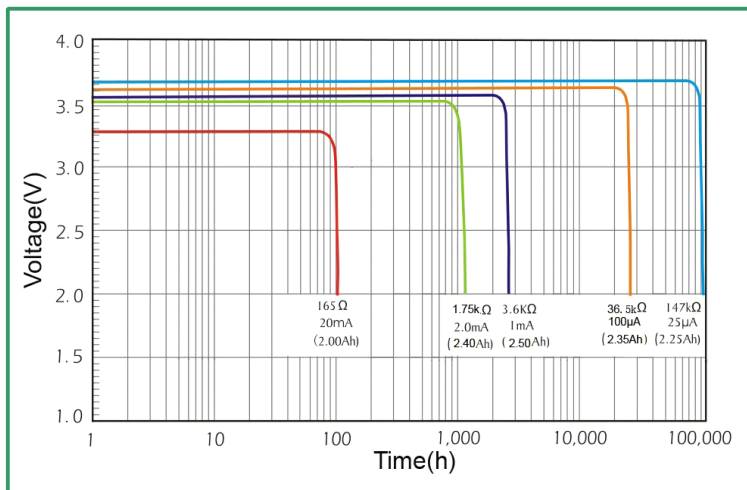
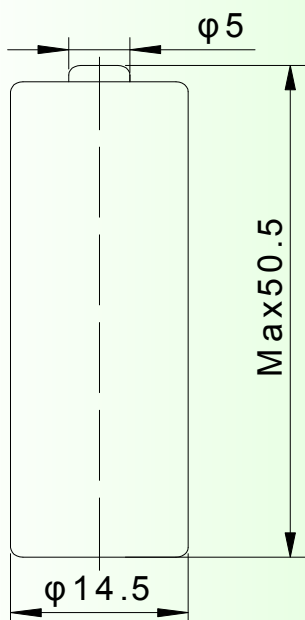
Key features +

- High Energy Density
- High single cell voltage
- Stable operating voltage
- Wide Operating temperature range
- Low Self-discharge rate
- Hermetic glass to metal sealing technical
- Long storage life
- Restricted for UL、UN38.3 and ROHS
- Be easy to integrate into the device to use

Main applications +

- Intelligent instruments
- Safe alarm system
- Signal lights and the post indicator transfer
- back-up record power
- Medical equipment
- Wireless and other military equipment
- Active RFID
- Tyre pressure testing system
- GPS system
- GSM system

ER14505



Warning



- Do not connect the positive and negative terminals of the battery.
- Do not place battery into fire
- Do not weld directly battery long time.
- Do not recharge battery.
- Do not force-discharge.
- Do not connect batteries in series or parallel by oneself.
- Do not reverse the positive and negative terminals
- Do not swallow.
- Do not discard.
- Stop immediately use it when serious heating or leakage.
- Before using our products, please read the manual Carefully or contact our Technician.

Any unknown information please contact with HCB.

HCB BATTERY CO., LTD

Specialty Battery Group

No.18# the scientific and technological industry development garden, Yinhu, Wuhan City, Hubei Province, China