

Primary Li-MnO₂ Battery

CP503333

3.0V ,Ultra Thin Card Design

Electrical characteristics

Nominal capacity

Data

At 23±2℃ discharge at constant current 1mA until 2.0V cut off, Battery capacity depending on temperature and discharge currents and cutoff voltage changes.

1200mAh

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.

3.0V

Open circuit voltage

Data

The voltage between positive and negative while the current is open.

≥3.1V

Maximum continuous current

Data

At 23 ± 2℃ the battery can discharge at least the max continuous discharge value which rated capacity 50% can permit.

400mA

Maximum pulse discharge current

Data

At 23±2℃, 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.

800mA

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℃
≤75%RH

Operating temperature

Data

Exceed the operating temperature range could lead to battery operating voltage reduction or even a security risk.

-40~+60℃

_Outline dimension

Data

Finished Single cells' outline dimension

5.0×33×33mm

Weight

Data

Finished Single cells' max weight

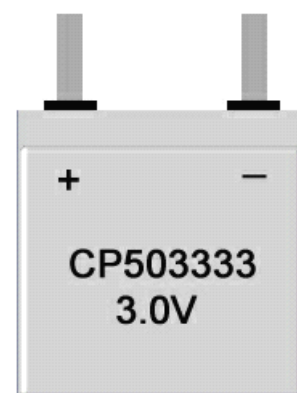
9.0g

Self-discharge rate

Data

Out of the recommended condition, the self-discharge rate may increase.

2%



Key features



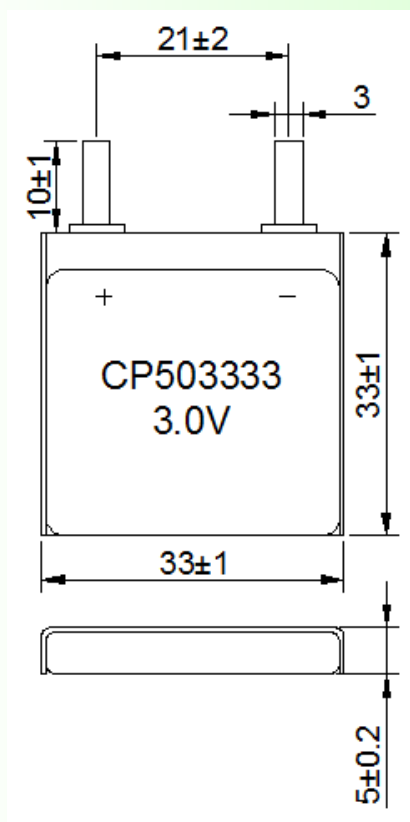
- High Energy Density
- High single cell voltage
- Light weight
- High security
- Stable operating voltage
- Wide Operating temperature range
- Low Self-discharge rate
- Hermetic glass to metal sealing technical
- Restricted for UL、UN38.3 and ROHS

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

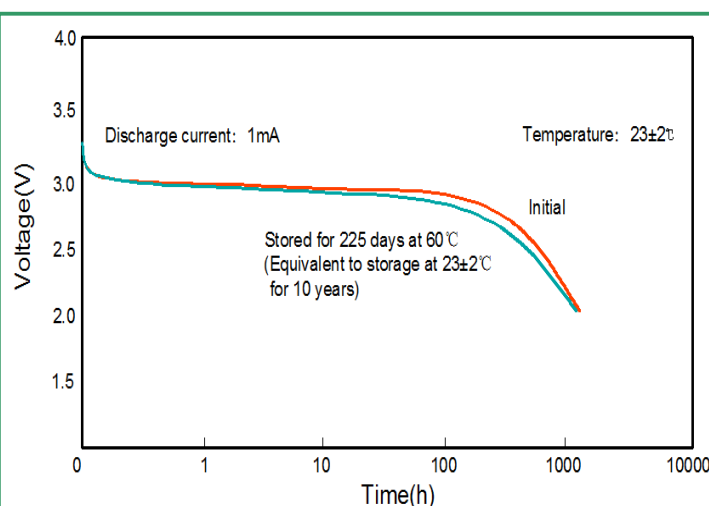
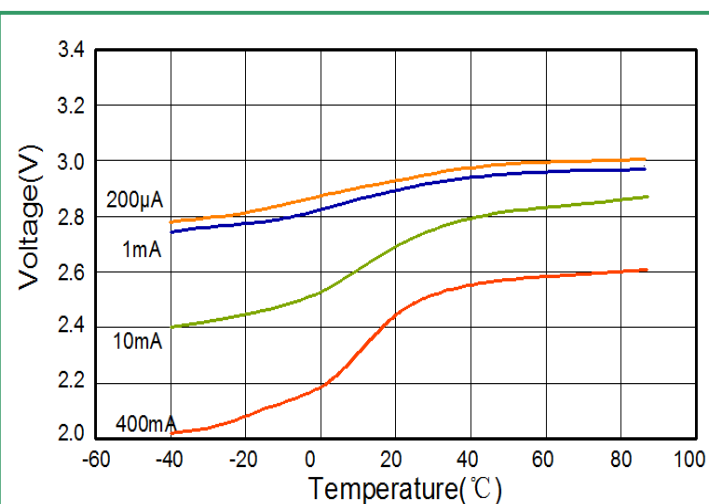
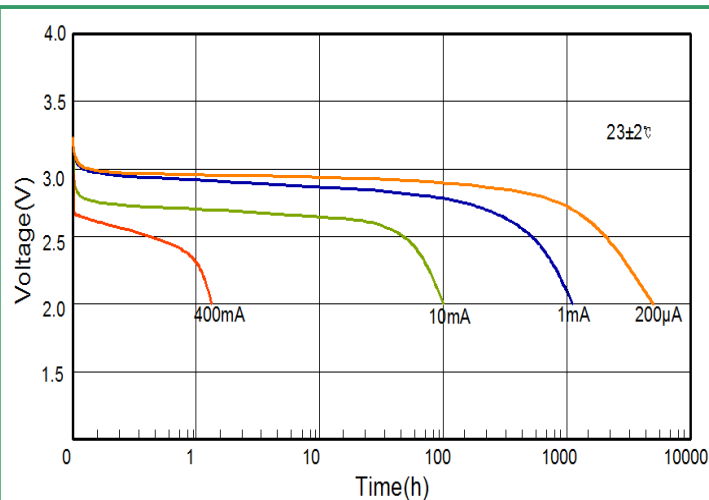
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Warning



- 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

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