



深圳市晨木实业有限公司

SHENZHEN CHENMU INDUSTRY CO., LTD.

深圳市龙华区福城街道大水坑社区一村 300 号沃特思厂房 5 栋 2 楼

[Http://www.chenmubattery.com](http://www.chenmubattery.com)

Primary Lithium Battery

ER341245 3.6V

3.6V Primary lithium-thionyl chloride
(Li-SOCl₂) Energy Type

For low drain/long term operating applications requesting superior voltage response in -55°C ~+ 85°C environments

Cell size references

DD

Electrical characteristics

(Typical values relative to cells stored for one year or less at +30°C max.)

Nominal capacity	38Ah
<i>(At 5mA +20°C, 2.0V cut off. The capacity restored varies according to current, temperature, cut off)</i>	
Open circuit voltage (At 20°C)	3.66V
Nominal voltage (At 5mA +20°C)	3.6 V
Max. continuous current (at +20°C)	400mA
Typical Max. Pulse current (at +20°C)	500mA

Pulse capability: Typically up to 500mA (500mA/0.1second pulses drained every 2min at 20°C from cells with 50µA base current, yield voltage readings above 3.0V. The readings may vary according to pulse characteristics, temperature and cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult ACT if necessary)

Storage (recommended) Operating temperature range	+30°C Max
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(High and low temperature will lower the capacity and load voltage.)

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55°C ~ +85°C

Physical characteristics

Diameter (Max)	34mm
Height (Max)	124.5mm
Typical weight	195g

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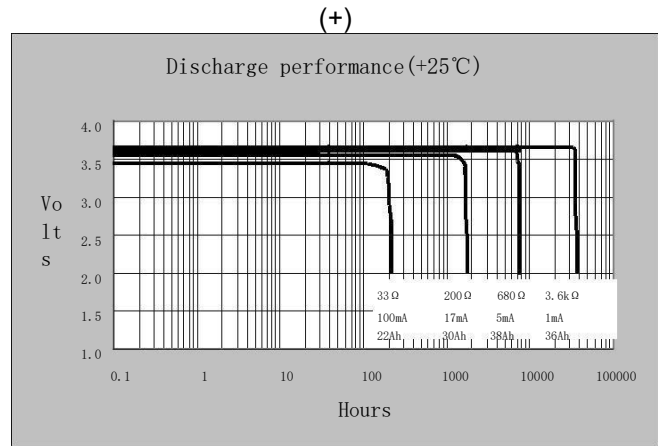
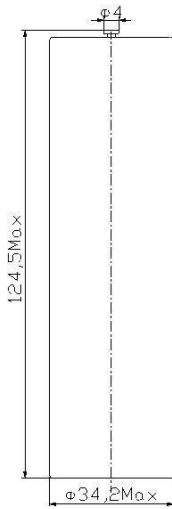
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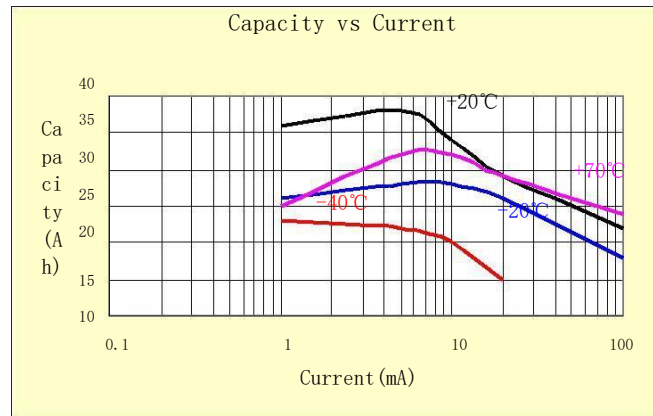


Key features

- >High and stable load voltage
- >Superior drain capacity
- >Low self-discharge rate (less than 1% after 1 year of storage at 20°C)
- >Stainless steel container
- >Hermetic glass-to-metal sealing
- >Laser welding
- >Non-flammable electrolyte

Main applications

- >Radiocommunication and other military applications
- >Alarms and security systems
- >Beacons and emergency location transmitters
- >GPS



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equipment > Metering systems

> Led lighting applications

> Others

Storage

> Cells should be stored in a clean

& dry (less than 30% RH) area

> Temp. should not exceed +30°C

Warning

> Do not use if cell casing is mangled

> Do not use different model of cell in series

> Soldering the tag should be finished in few seconds

> Do not try to recharge

