# XCELL ER14250
## 3.6 V 1200 mAh

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### Electrical characteristics

（Typical values relative to cells stored for one year at +30 ℃ max）

- **Nominal capacity** — 1200mAh
  Discharged capacity at 1mA, +25℃, 2.0V cut off
- **Nominal voltage** — 3.6V
- **Max. recommended continuous current** — 20mA
  Discharged to 2.0V at +25℃ permitting 50% of the norminal capacity to be acheived
- **Max. Pulse capability** — 50mA
  50mA, 0.1 second pulses every 2 minutes, drained with 50%,at 25℃ from undischarged cells with 20uA based current, yield voltage readings above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history.
- **Operating temperature rang** — −55℃~+85℃

### STORAGE:

Stored in clean, dry and cool circumstances (the temperature should be 20 degress or lower, less than 30 degress)

### WARNING:

Don't charge, crush, disassemble, expose contents to water, heat above 100℃ or may lead to explosion , burn or poison goods leakage . Discarded battery should be buried deeply to the ground .

### Key features

- High and stable operating voltage
- Long shelf life
  Anual self-discharge rate lower than 1% at +25℃
- Long operating life
- High energy density (700wh/kg)
- Wide operating temperature rang
- Stainless steel can and cover
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport
- UL Component Recognition
  File Number MH46165

### Main applications

- Public instrument
- Alarms or security equipment
- Memory backup
- GPS tracking
- Car electronics
- Professional electronic equipment
- Real time clock

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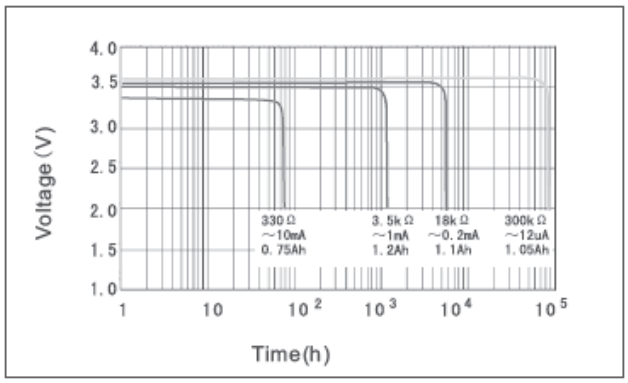
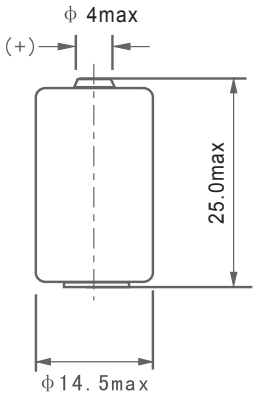
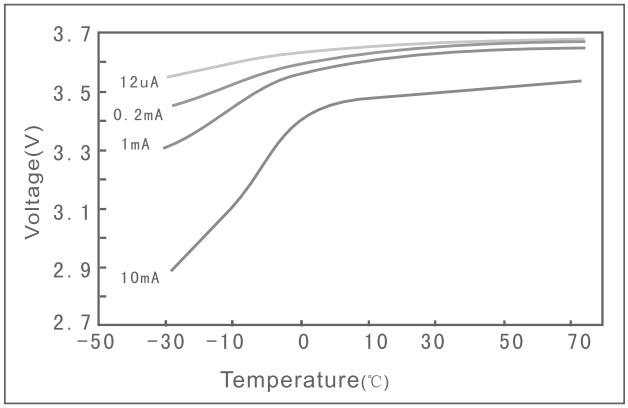
### Discharge characteristics at 25℃




Dimensions in mm
Weight: 10g

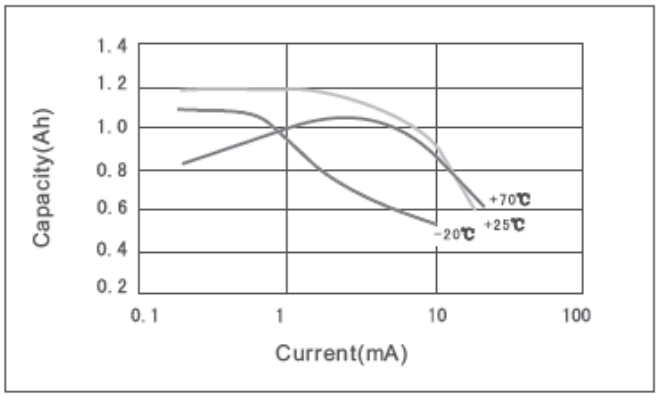
### Voltage vs Temperature curve



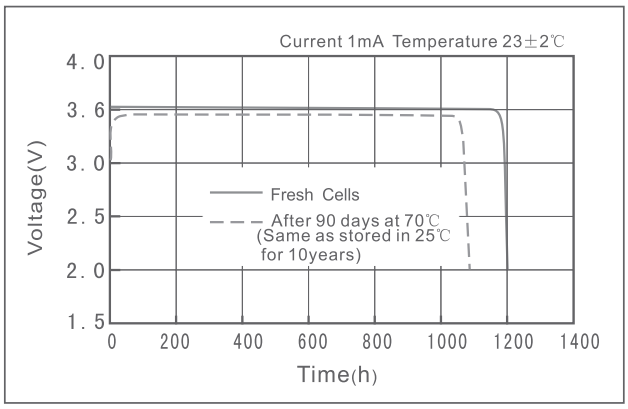

| Available Terminations | |
|---|---|
| −/P* | Axial pin |
| −/T /PT2* | Radial Pin |
| −/PT /TP* | Polarized Tab |

(*): Reference to Standard Terminals for Single Cells

### Capacity vs Current curve(cut off with 2.0V)




### Discharge characteristics after storage



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