XCELL ER14500
3.6 V 2600 mAh

Beltrona
PERFORMANCE FOR YOU

Electrical characteristics

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

- **Nominal capacity** — 2600mAh
  Discharged capacity at 1mA, +25℃, 2. 0V cut off
- **Nominal voltage** — 3.6V
- **Max. recommended continuous current** — 50mA
  Discharged to 2. 0V at + 25℃ permitting 50% of the norminal capacity to be acheived
- **Max. Pulse capability** — 100mA
  100mA,0.1second pulses every 2 minutes,drained with 50%,1mA at 25℃ from undischarged cells with 20μA base 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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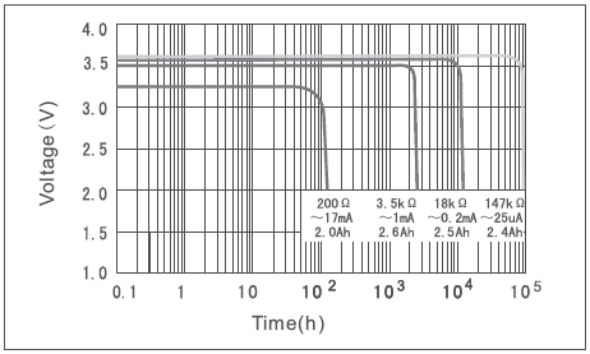
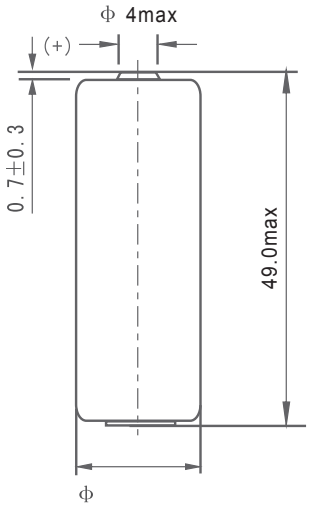
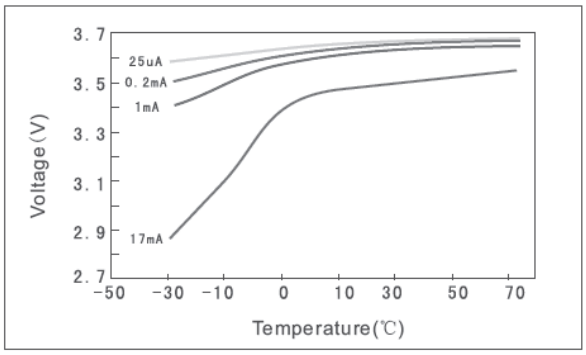
Discharge characteristics at 25℃





Dimensions in mm
Weight: 18g

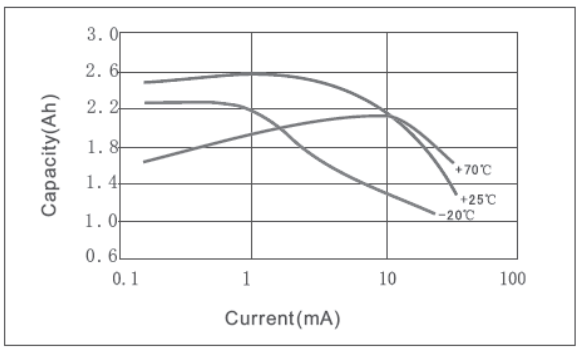
Voltage vs Temperature curve



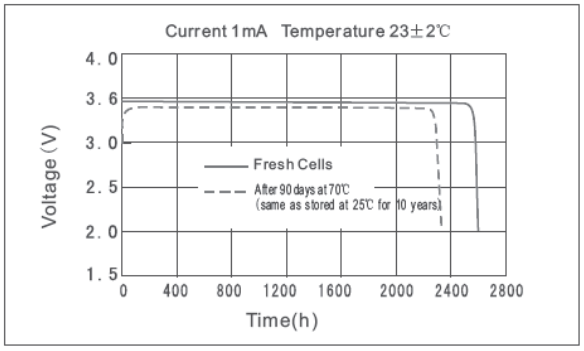
Available Terminations	
−/P*	Axial pin
−/T /PT2*	Radial Pin
−/PT /TP*	Polarized Tab

(*): Reference to Standard Terminals for Single Cells

Capacity vs Current curve(cut off with 2.0V)



Discharge characteristics after storage



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