

## ER251020S 3.6V

### Electrical characteristics

(Typical values relative to cells stored for six months at +30 °C max)

|  |                         |
|--|-------------------------|
| <p>○ <b>Nominal capacity</b><br/>Discharged capacity at 100mA, 150 °C centigrade to end voltage of 2.0V</p>  | <b>14000mAh</b>         |
| <p>○ <b>Open circuit voltage</b></p>   | <b>3.65V</b>            |
| <p>○ <b>Max. recommended continuous current</b><br/>100% capacity available at 100mA discharged to cut-off voltage 2.0V at 150 °C</p>  | <b>200mA</b>            |
| <p>○ <b>Max. Pulse capability</b><br/>400mA, 0.1 second pulses every 2 minutes, drained with 50%, 100mA at 150°C 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</p> | <b>400mA</b>            |
| <p>○ <b>Operating temperature rang</b></p>   | <b>-20 °C ~ +150 °C</b> |
| <p>○ <b>Weight</b></p>   | <b>100g</b>             |
| <p>○ <b>Diameter(max)</b></p>  | <b>25.2mm</b>           |
| <p>○ <b>Height(max)</b></p>  | <b>102.0mm</b>          |

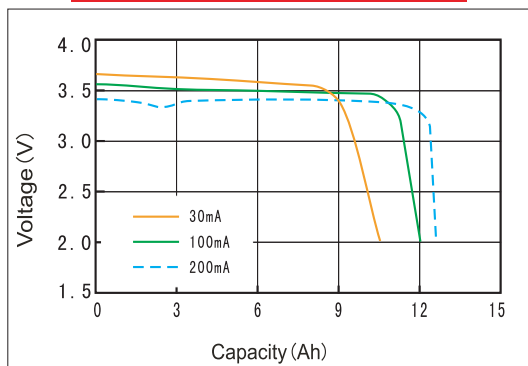
### Key features

- High and stable operating voltage
- Long shelf life
- Annual self-discharge rate lower than 2% at +25°C
- 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

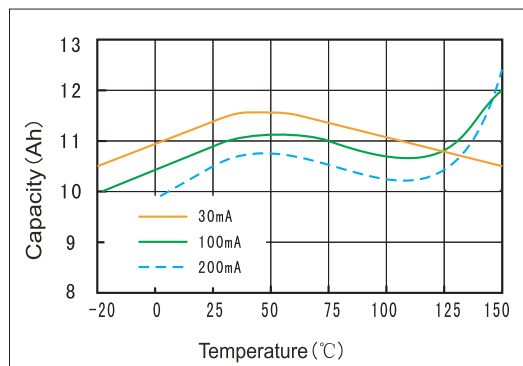
### Main applications

- Exploration Measurement Instrument (mills, oil, fields)
- Data Recording Instrument
- Military Communication Equipment
- Electronic Testing Equipment
- Navigation And Aviation Equipment
- Sea Equipment
- .....

Discharge characteristics at 150°C



Capacity vs Temperature curve (cut off with 2.0V)



### STORAGE:

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

### WARNING:

Don't charge, crush, disassemble, expose contents to water, heat above 160°C or may lead to explosion, burn or poison goods leakage. Discarded battery should be buried deeply to the ground.

Information in the document is just for reference, not for guarantee of battery performance, the quality of battery is subject to the buyer and seller's final confirmation in the contract.