

Lithium Primary Battery

**VITZRO CELL**

Tekcell is a brand of battery manufactured by VITZROCELL .co.,Ltd.



**MODEL: SB-A01**

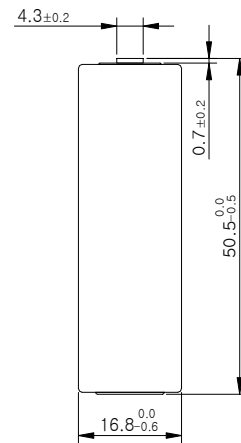
**SPECIFICATIONS**

Nominal voltage	3.6V
Nominal capacity (at 3mA, 20°C, 2.0V cut off)	3.65Ah
Maximum recommended continuous current (Higher currents are possible, consult Vitzrocell)	70mA
Max. pulse discharge current	160mA
Weight	24.0g
Operating temperature range	-55 ~ 85°C

**KEY CHARACTERISTICS**

- High and stable operating voltage
- Low self-discharge rate (less than 1% after 1 year of storage at + 20°C)
- Bobbin type
- Non-flammable inorganic electrolyte
- Hermetic glass-to-metal sealing
- UL recognized (file number MH18384)
- RoHS Compliance
- Non-restricted for transport

**SCHEME**

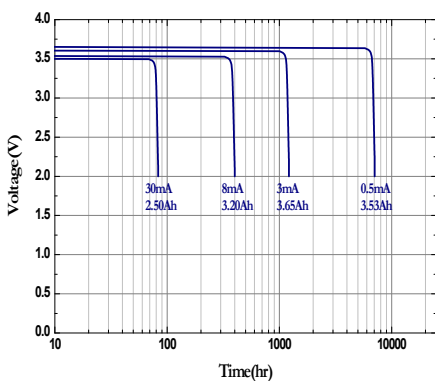


**AVAILABLE TERMINALS**

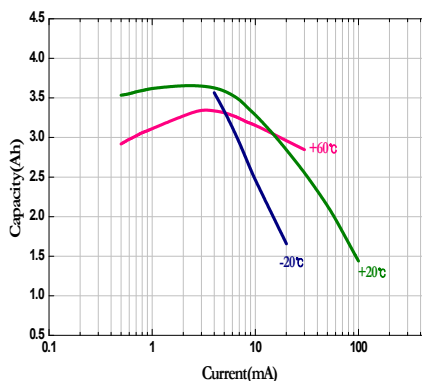
TC ST AX Other type available by request

※ Max. pulse current/0.1 second pulses, drained every 2 min at + 20 °C from undischarged cells with 10 μA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions. Consult Vitzrocell.

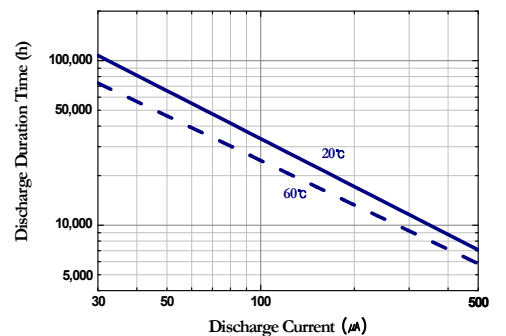
**Continuous Discharge at 20°C**



**Capacity vs. Current**



**Discharge Current vs. Duration Time**



※ This data was made on basis of nominal capacity for the purpose of enabling users to forecast approximate life time.

In order to calculate precise life time under various environments, we recommend you to consult Vitzrocell.

**WARNING**

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat, above 212°F(100°C), incinerate, short circuit or expose contents to water. Keep battery out of reach of children and in original package until ready to use. Dispose of used batteries promptly.

**NOTE**

Any information given here is for reference only. Information is also dependent on actual conditions of use and does not guarantee future performance. And subject to change.



※ In case where the products are improved, the specifications described herein are subject to change.