

## LITHIUM PRIMARY BATTERY

## SB-D02(2F)

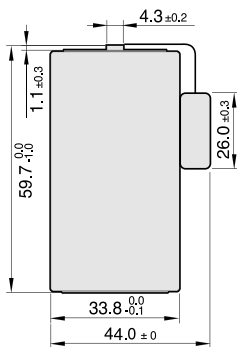


### Key Characteristics

- High and stable operating voltage
- Non-flammable inorganic electrolyte
- High pulse current can be used
- Non-restricted for transport



### External Dimensions



※ Available Terminals :  
TC ST 2P 3P 3PW  
Other type available  
by request

### Specifications

Hybrid Battery :(SB-D02) + EDLC (2.0F EDLC)

Model	HSB-D02 (2F)
Nominal voltage	3.6V
Nominal capacity (at 6mA, 20°C, 2.0V cut off)	19Ah
Max. 0.1s Pulse current to 3.0V	5A
Max. Pulse length at 1A	2Sec
Weight	110g
Operating temperature range	-55 ~ 85° C

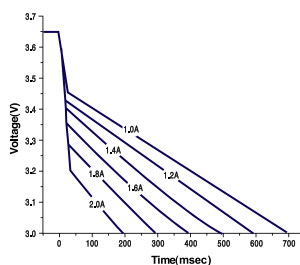
※ Max. pulse current/0.1 second pulses, drained every 2 min at + 20 °C from undischarged cells with 10 $\mu$ A base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history.

Fitting the cell with a capacitor may be recommended in severe conditions. Consult Vitzrocell.

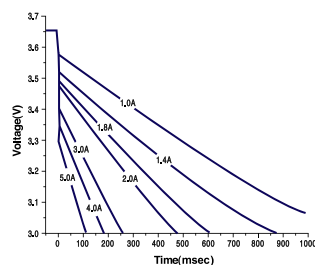
※ Before using the product, consult with VITZROCELL

### Characteristic Curve

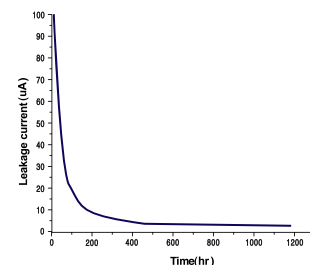
Voltage Graph for -40° Current



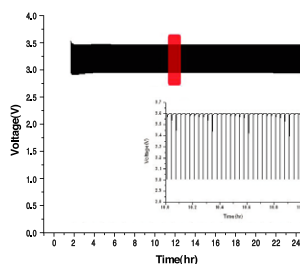
Voltage Graph for 20°C Current



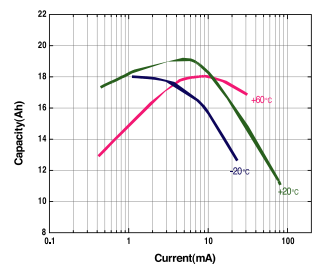
EDLC leakage current



Comparison of pulse performance at 20°C\_5A 0.1s



Graph on Capacity per Temperature



※ 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.

※ 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.