Bobbin Type **SB-AA11** "AA" Size  Professional Lithium Battery Manufacturer

**Warning:**
Fire, Explosion and Severe Burn Hazards.
Do not Recharge, Crush, Disassemble, Heat above 212°F (100°C), Incinerate, or Expose Contents to Water.

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**Discharge Characteristics @ +23 °C**

```
<table>
<thead>
<tr>
<th>Current (mA)</th>
<th>Capacity (Ah)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00mA</td>
<td>1.00Ah</td>
</tr>
<tr>
<td>2.00mA</td>
<td>2.00Ah</td>
</tr>
<tr>
<td>4.00mA</td>
<td>4.00Ah</td>
</tr>
<tr>
<td>16.0mA</td>
<td>16.0Ah</td>
</tr>
</tbody>
</table>
```

---

**Capacity vs. Current**

```
capacity(Ah) vs. current(mA)
```

- 75°C
- 25°C
- -29°C

---

**Capacity vs. Temperature**

```
capacity(Ah) vs. temp(°C)
```

- 1.0mA
- 16.0mA
- 0.1mA

---
Transient Minimum Voltage Characteristics

A Solution for the Initial Voltage Delay
It is necessary to apply a load similar or greater than the maximum current used by the application for the period of more than 1 second, 1 to 3 times prior to the operation of the application to eliminate the initial voltage delay caused by the passivation. Once the depassivation is obtained, standby current of 2μA/cm² (80μA) for the interface area of the electrodes is suitable to optimize further operation of the application without failure.
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Impedance vs. Stored Period
(On load of base current at 20°C)

-20°C
20°C
60°C

TMV vs. Temperature
(On 100mA load at 20°C)

-20°C
0°C
20°C
60°C

Discharge Temperature (°C)

Stored period of time in 60°C oven (week)

TMV (V)

Discharge Temperature (°C)

Stored period of time in 60°C oven (week)

TMV (V)

Discharge Temperature (°C)

Stored period of time in 60°C oven (week)
Available Terminations:

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- **/TC**
  - \( \phi 14.3 \pm 0.2 \)
  - \( 49.3 \)

- **/AX**
  - \( \phi 0.8 \)
  - \( 45.0 \)

- **/ST**
  - \( \phi 0.8 \)
  - \( 45.0 \)

- **/2P**
  - \( 4.0 \pm 0.5 \)
  - \( 5.0 \pm 0.5 \)
  - \( 1.0 \pm 0.1 \)
  - \( 10.2 \pm 0.5 \)

- **/3P**
  - \( 4.0 \pm 0.5 \)
  - \( 1.0 \pm 0.1 \)
  - \( 10.2 \pm 0.5 \)

- **/3PW**
  - \( 4.5 \pm 0.5 \)
  - \( 1.0 \pm 0.1 \)
  - \( 10 \pm 0.1 \)