ER261020

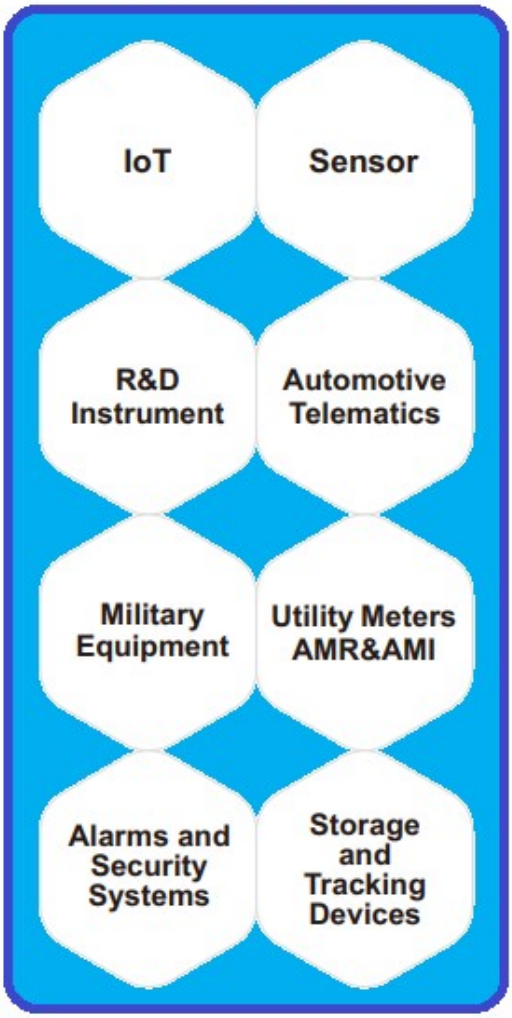
Specification Sheet

THE POWER SOURCE PROFESSIONALS®

Electrical Specification

Nominal Voltage	3.6 V
Nominal Capacity [3mA~2V]	16 Ah
The discharge capacity of battery depends on the environment temperature and the terminated voltage of the battery.	
Maximum Continuous Current	200 mA
Maximum Pulse Current	400 mA
Under temperature of 23±2° C, the battery starts to discharge with 10μA base current. The battery releases one pulse 400mA/0.1secs every 2 minutes during its discharging and the battery voltage shall not be less than 2.7V. The voltage value depends on pulse characteristics, temperature and the usage of the batteries.	
Weight	≤ 100 g
Operating Temperature	-55° C ~ +85° C

• Main Applications



Advantages

- High energy density over 620wh/kg
  [highest among all the chemical batteries]
- Open circuit voltage ≥ 3.65V, and operating voltage ranging from 3.3 ~ 3.6V
- Wide operating temperature range: - 55° C ~ + 85° C
- Long storage life over 10 years
  [under normal room temperature]
- Suitable to operate under long-term tiny current with stable voltage

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Lithium Thionyl Chloride Battery [Bobbin Type]
Li/SOCl 3.6 V

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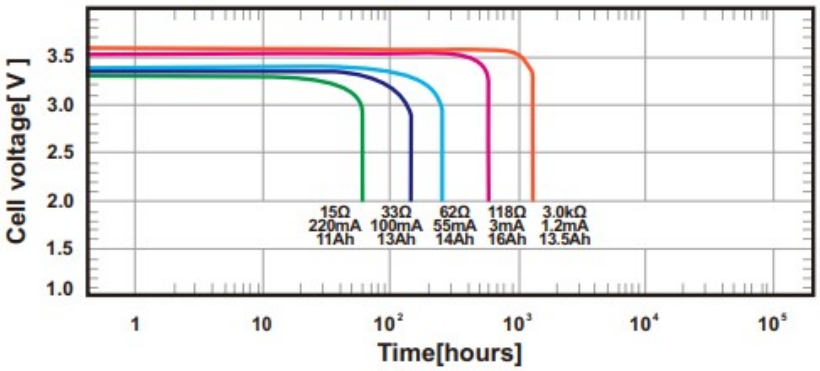
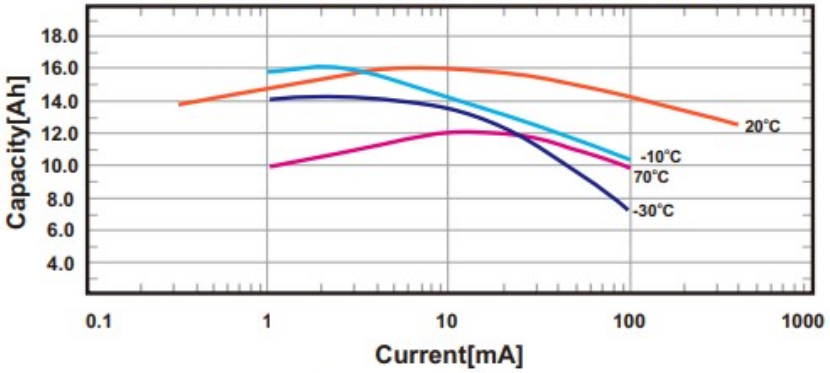
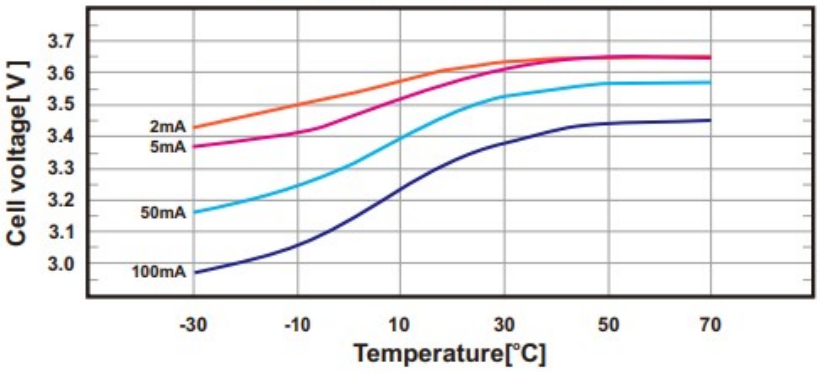
Typical Discharge Profiles at + 23 ±2° C

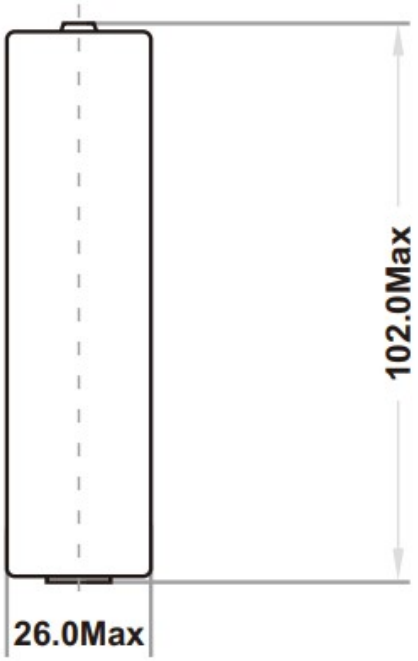


Restored Capacity Versus Current and Temperature [2.0V cut-off]



Voltage Plateau Versus Current and Temperature





Available Terminations

- *S: Standard Termination*
- *T: Solder Tabs*
- *P: Axial Pins*
- *Customized terminations are available*

Warning

- *Do not expose the battery to open flame,inflammable and explosive articles.*
- *Do not recharge, short-circuit, disassemble,incinerate the battery or heat the battery to more than100°C.*
- *Do not use the battery beyond the permitted temperature range.*

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