

■ Features

- Secondary Lithium-Ion(Li-ion)
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- Nominal capacity 6.7Ah
- Nominal voltage: 3.6V
- Charge Temp. 0-45°C
- Discharge Temp. -20°C to 45°C
- Over Charge/Discharge Protection
- Short Circuit Protection
- Dimensions: $\phi 21.5 \times 74$ mm cell
- Dimensions: 21.5x74x40mm System
- 5-year Warranty



*Product images are for illustrative purposes only and may vary from actual design.

■ Applications

- Small portable electronics

■ Model List*(See part number scheme for model number details)

Model Number	Nominal Capacity	Nominal Voltage	Charging Current	Discharge Cut-off Voltage	Charging Cut-off Voltage
APS16-LIR21574-6.7Ah	6.7Ah	3.6V	1340mA	2.5V	4.2V

*At 3mA +20°C, 2V cut off. The capacity restored varies according to current temperature cut off

■ Charging Table

C-rate	Time
1C ₁	1h
0.5C ₁ or C/2	2h
0.2C ₁ or C/5	5h
0.1C ₁ or C/10	10h
0.05C ₁ or C/20	20h

Table 1: C-rate and service times when charging and discharging batteries of 1Ah (1,000mAh)

■ Technical Data

Nominal Capacity	6700mAh(nom.), 6500mAh(min.); Standard Charge/Discharge
Nominal Voltage	3.6V Unit Pack
Standard Charging Current	1340mA Constant Current and Constant Voltage(25±2°C)
Max. Charge Current	670mA 0°C ≤ T ≤ 10°C, 1340mA 10°C < T ≤ 20°C, 2010mA 20°C < T ≤ 45°C
Charge Cut-off Voltage	4.2V Unit Pack
Standard Discharging Current	1340mA, Constant Current
Maximum Discharging Current	6700mA -20°C ≤ T ≤ 20°C, 1340mA 20°C < T ≤ 45°C
Discharge Cut-off Voltage	2.5V

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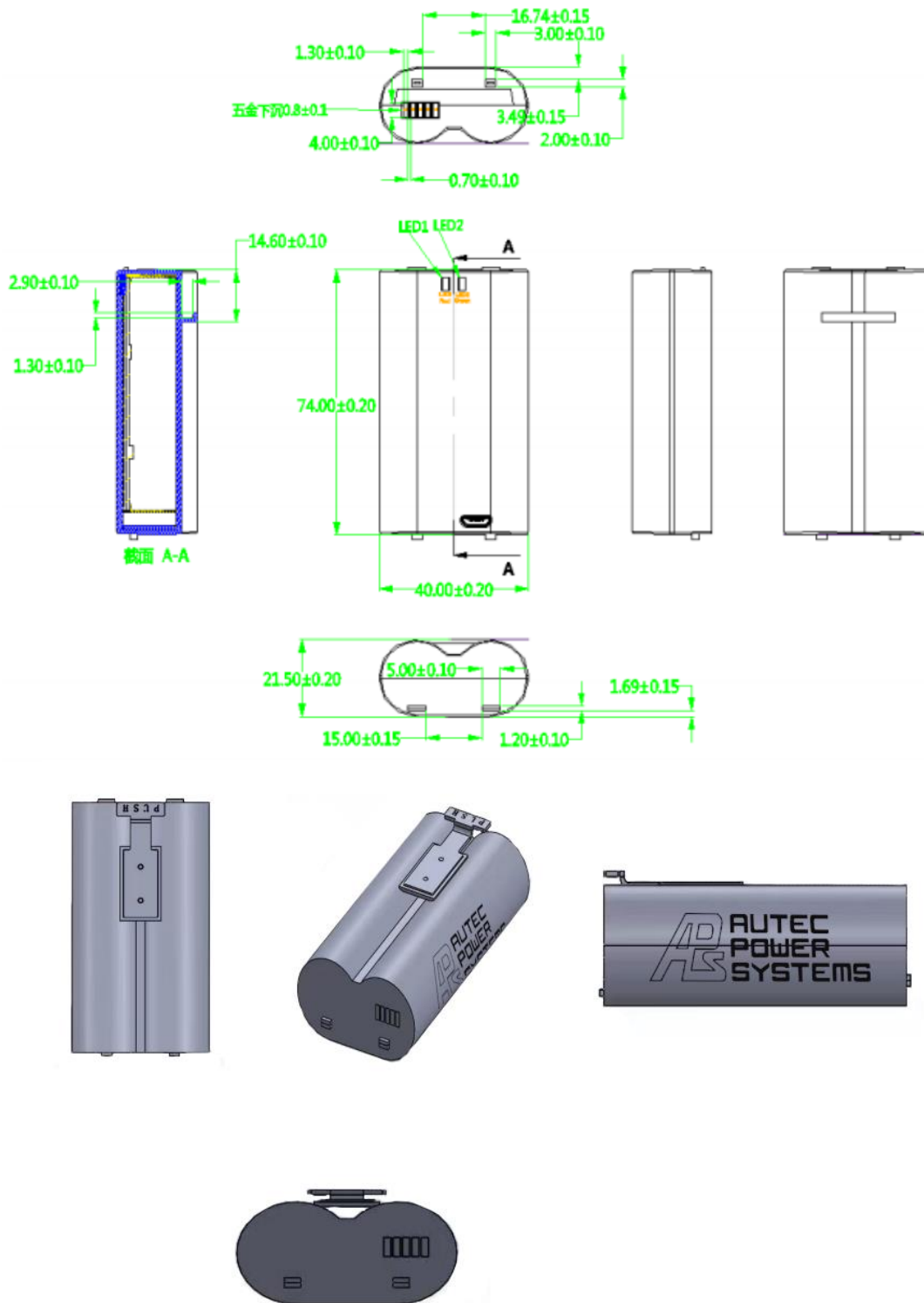
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6.7Ah, 3.6V Rechargeable Lithium-ion(Li-ion) Battery

Storage Temperature

-20~+20°C(within 1 year), -20~+40°C(within 3 months), -20~+50°C(within 1 month)

■ Mechanical Diagram



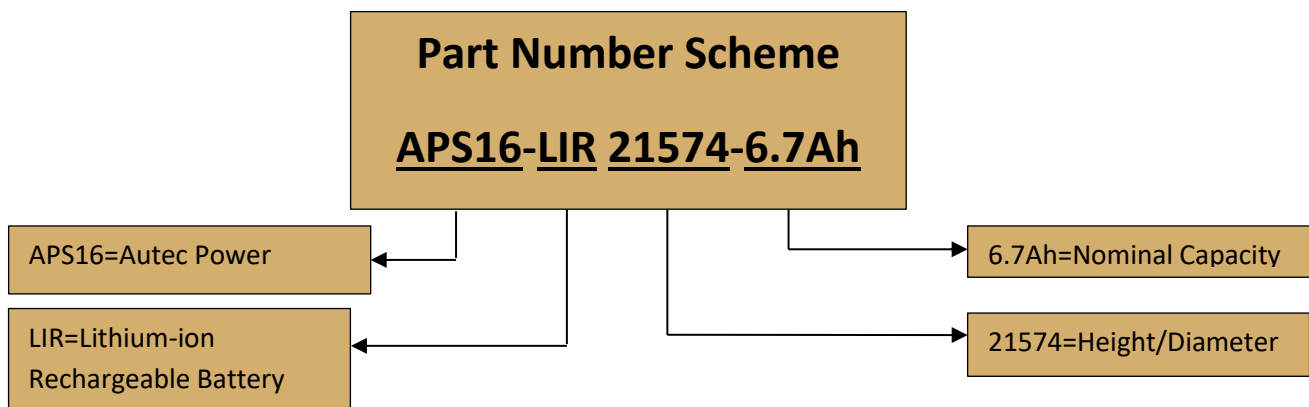
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■ **Warnings**

1. Install batteries correctly.
2. Ensure the contact points to be clean and conductive.
3. Do not mix different types or brands of batteries in any application.
4. Do not expose the batteries to heat or fire.
5. Keep away from small children.
6. Please check the manufacturing date code.



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*Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.