

3.6V
8500mAh
Li/SOCl₂
30.6Wh

SPECIFICATIONS

General characteristics

Nominal Voltage	3.6V
Nominal Capacity	8500mAh
Watt-hour	30.6Wh
Chemistry	Lithium Thionyl Chloride +Super Pulse Battery Capacitor
Structure	Bobbin design
Dimensions	
Height	54mm max.
Diameter	28mm max.
Length	43mm max.
Weight	59g
Operating Temperature	-40—85°C

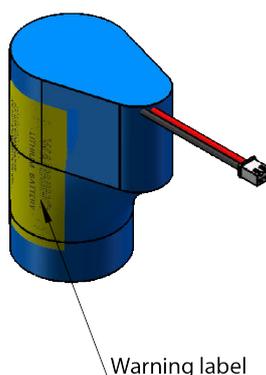
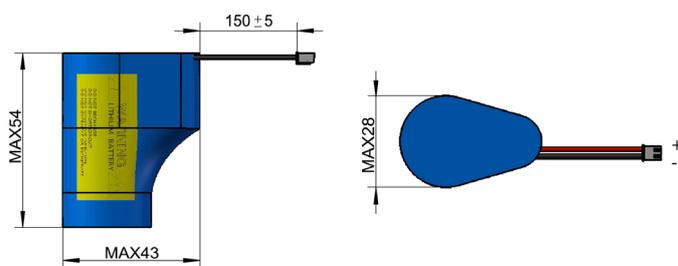
Typical electrical performances

	Test condition	Initial Values	Typical values after storage for one year at ≤30°C
<i>Open Circuit Voltage</i>			
Room temp	20±5°C	3.60-3.70V	3.60-3.70V
Low temp	-40±2°C	3.60-3.70V	3.59-3.69V
High temp	70±2°C	3.60-3.71V	3.61-3.71V
<i>Load voltage</i>			
Room temp	96Ω discharge 2s	3.30V	3.20V
<i>Operation voltage (discharge with 866Ω load(4mA))</i>			
Room temp	20±5°C	Min.: 3.5V	Min.: 3.4V
Low temp	-40±2°C	Min.: 3.1V	Min.: 3.0V
High temp	70±2°C	Min.: 3.5V	Min.: 3.4V
<i>Pulse discharge voltage</i>			
Room temp	20±5°C	2.0A, discharge 1s	Min.: 2.8V

IMAGE



DIAGRAM



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1. STORAGE

Lithium batteries should be stored in a cool, clean, dry environment, the recommended temperature is 5~30°C, relative humidity ≤ 60%, should avoid contact with corrosive materials, away from fire and heat.

2. SAFETY TERMS

- 2.1 Before use, do not remove the battery from the original packaging.
- 2.2 Do not scattered placed the battery together in order to avoid accidental short circuit.
- 2.3 Do not heat the battery above 100°C or incinerated.
- 2.4 Do not recharge the battery.
- 2.5 Do not mixed with different brand, model or type batteries.
- 2.6 Do not mix the new and used batteries.
- 2.7 Do not disassembly or open battery.
- 2.8 Do not short circuit the battery or reversely contact the positive and negative terminals.
- 2.9 Do not solder on the battery surface.
- 2.10 Do not test environment and safety under extrusion without any protection.
- 2.11 Do not use or store batteries under wet conditions without protection.
- 2.12 Batteries are not allowed to be used excessively in the equipment without setting the cut-off voltage. After reaching the cut-off voltage, it should be removed from the equipment immediately to stop working.
- 2.13 Stop using if the battery is found to have heat, odor, discoloration, deformation, or other abnormalities during using or storage.
- 2.14 Batteries used should be handled in accordance with local environmental regulations and buried deep underground or into brine.
- 2.15 If the liquid is splashed on the skin, eyes and clothes, rinse immediately with plenty of water, and then seek medical care immediately.

3. TRANSPORTATION

There are multiple options:

- 3.1 Battery meets the tests and criteria requirements of UN Manual, Part III, subsection 38.3.
- 3.2 Batteries should be protected against sunlight, fire, rain, immersion, and corrosive substances in transportation.
- 3.3 Handling and loading should be with care.
- 3.4 The stacking height of the paper packing box shall not exceed 1.5 meters.
- 3.5 For long transportation, such as shipping, should be kept away from the engine. And in summer should not be prolonged in an airless environment.

4. STATEMENT

If you have any questions on the product specifications, please contact with Wuhan Fanso Technology Co., Ltd. Fanso reserves the right to amend the product specification.