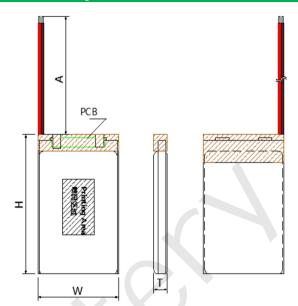
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Lithium-ion Polymer Battery





Model: UFX 503055 850mAh 3.7V

Drawing Of Battery Pack

lectrica Characteristic	Charging&Discharge Characteristic		
Nominal Capacity (0.5C Cont., 2.75V cut-off)	850mAh ■	Standard Charge Current	170mA
Nominal Voltage	3.7 V ■	Max. Continous Charge Current	850mA
Resistance	≤180 mΩ ■	Charge Cut-off Voltage	4.2 \
Cycle Life@0.5C/0.5C@25±5 °C	>500 times ■	Standard Discharge Current	170m <i>A</i>
Self Discharge Rate	≤3% per month@25°C ■	Max. Continous Disharge Current	850m <i>A</i>
lechanical Characteristic	•	Disharge Cut-off Voltage	2.75 \
Typical Weight	16.5g T	emperature Characteristic	
Dimensions	T5×W30×H57mm ■	Discharge Temperature	-20~60 °C
Wire	UL1571 26AWG ■	Charge Temperature	0~45 ℃
Connector		Recommend Storage Temperature	15~35 °C
ypical Applications	P	CM Specification	
Beauty Devices		Over-charge Protection Voltage	4.280±0.050 \
Healthcare Devices		Over-discharge Protection Voltage	2.400±0.100 \
Smart Device		Over-current Protection for Discharge	3.2±0.5 A
Digital Productions		Short Circuit Protection	Available
Wearable Devices		NTC	No
Power Tools	C	ertificates	



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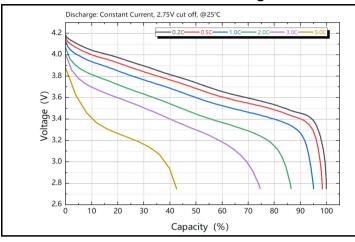
https://www.ufinebattery.com/

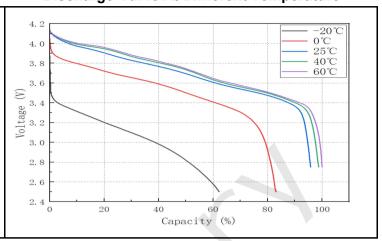


Typical Performance

Curve Of Diffierent Discharge Rate

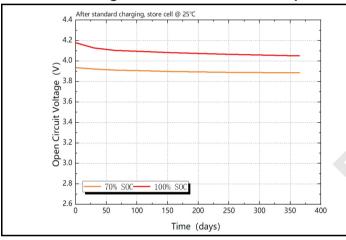
Discharge Curve At Diffierent Temperature

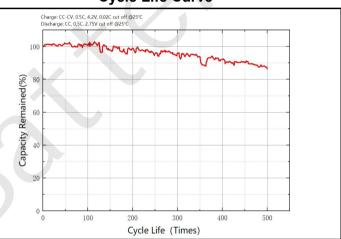




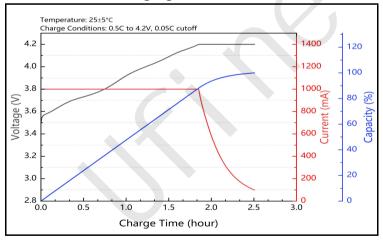
Self Discharge Curve At Diffierent Temperature

Cycle Life Curve





Charging Characteristic





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Warning and Cautions

Warning

Danger warning(it should be described in manual or instruction for users, indicated especially) to prevent the possibility of the battery from leaking, heating, explosion. Please observe the following precautions:

- Don't immerse the battery in water and seawater. Please put it in cool and dry environment if no using.
- Do not discard or leave the battery near a heat source as fire or heater.
- Being charged, using the battery charger specifically for that purpose.
- Don't reverse the positive and negative terminals.
- Don't connect the battery to an electrical outlet directly.
- Don't connect the positive and negative terminal directly with metal objects such as wire. Short terminals of battery is strictly prohibited, it may damage battery.
- Do not transport and store the battery together with metal objects such as necklaces, hairpins.
- Do not strike, throw or trample the battery.
- Do not directly solder the battery and pierce the battery with a nail or other sharp object.
- Prohibition of use of damaged cells.
- Don't fall, hit, bend battery body.
- Battery pack designing and packing Prohibition injury batteries.
- Never disassemble the cells.
- Keep the battery away from babies.

Cautions

- Do not use or leave the battery at very high temperature conditions(for example, strong direct sunlight or a vehicle in extremely hot conditions). Otherwise,
 - it can overheat or fire or its performance will be degenerated and its service life will be decreased.
- Do not use it in a location where is electrostatic and magentic greatly, otherwise, the safety devices may be damaged, causing hidden trouble of safety.
- If the battery leaks, and the electrolyte get into the eyes. Do not wipe eyes, instead, rinse the eyes withclean water, and immediately seek medical attention. Otherwise, eyes injury can result.
- If the battery gives off an odor, generates heat, becomes discolored or deformed, or in any way appear abnormal during use, recharging or storage, immediately remove it from the device or battery charger and stop using it.
- In case the battery terminals are dirt, clean the terminals with a dry cloth before use. Otherwise power failure or charge failure may occur due to the
 - connection with the instrument.



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