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**SHENZHEN SUJOR ENERGY TECHNOLOGY CO.,LTD.**

Being a leading and respected enterprise in the field of power solution.



## Enterprise Culture

### Our mission to customers:

Quality is life, assure best quality for our customers is our most important mission.  
Giving customers best cost performance solutions.  
Assure customers prompt delivery time.  
One-to-one professional pre-sale and after sale service.

### Our mission to business partners:

Ensure interests of the partners and create a win-win situation.

### Our mission to society:

Contribute to social economic growth.  
Develop customer oriented talents and solve problem of employee.  
Create new green energy solution and make people's life better.

### Our vision:

Being a leading and respected enterprise in the field of power solution.

### Our core values:

Integrity, customers first, team working, result-oriented.

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# About US

## Lean Production

Our factory has implemented a smart traceable system to monitor from the incoming material to production batches, key operations, critical machinery and pre shipment. The production capacity has increased by 40% since the automatic machines innovated. Daily output is 350,000pcs. We could work over time to meet our customer's big volume requirements.

With the headquarter in Shenzhen, SUJOR is a high-tech enterprise integrating R&D, production and sales of safe, innovative & reliable Lithium polymer battery, Lithium ion battery and NiMH battery.

SUJOR was founded and run by people with a passion for green energy. The company is dedicated to provide customers all over the world with green energy and clean power solutions.

SUJOR aims to provide customers a full range of battery solution and one-stop resources. SUJOR owns two factories in Yueyang Hunan and Dongguan Guangdong. SUJOR has a strong R&D team. They could provide customers integrated customized solution from product design, structure design to software and hardware development.

SUJOR existing customized power solutions and products are widely used in 3C consumer electronics, industry automation equipment, internet of things, public security, power communication, commercial finance, transportation logistics, medical electronics, railway infrastructure, exploration and mapping, aviation, ect. SUJOR has a comprehensive long-term in-depth strategic cooperation with THALES, LIFESENSE, MINDRAY, EMERSON, ect.

Our production base in Hunan including North and South base covers more than 50,000 square meters.





# High Energy Density Battery

Designated Supplier Of The World's Top Brands.

# High Voltage Battery

4.4V high voltage system can reach as high as 720Wh/L  
3C charge rate, 30mins fully charged.



## Characteristics:

- Excellent safety performance and high energy density(620Wh/L)
- Long cycle life, more than 1000cycles.
- Flexible size and capacity. Thickness ranges from 1.0mm to 12.0mm. Capacity ranges from 50mAh to 15000mAh. Customized solution available according to client's specific requirement.
- Most products approved by IEC62133,UL, UN38.3,RoHS,REACH, etc. Environmental friendly.

## Main application:

POS, GPS, Smart bracelet, Two way radio, Bluetooth products, Tablet, Power bank, LED lighting, Personal care product, E-book, ect.

## Characteristics:

- Higher energy density(our 4.4V system battery has energy density increased by 13.8% higher than 4.2V and 10.7% than 4.35V)
- As high as 3C rate fast charge, 30mins fully charged.
- High safety(approved by UL,UN38.3,MSDS,ect)

## Main application:

Smartphone, MID, Tablet, Power banks, Body Worn Camera, ect.



# High Temperature Battery

Discharge efficiency as high as 98% at 80°C.  
Industry advanced level.



# Low Temperature Battery

Capacity retention more than 80% at 0.5C under -40°C.  
It could be used at extremely cold environment.



## Characteristics:

Good performance under high temperature, discharge efficiency is as high as 98% at 80°C and 87% at -10°C.

## Main application:

Vehicle GPS, Oil industry MWD, Petroleum gas monitoring, Oil well monitoring, Field detection or monitoring which requires high temperature.

## Characteristics:

Good performance under low temperature, capacity retention more than 80% at 0.5C discharge rate under -40°C.

## Main application:

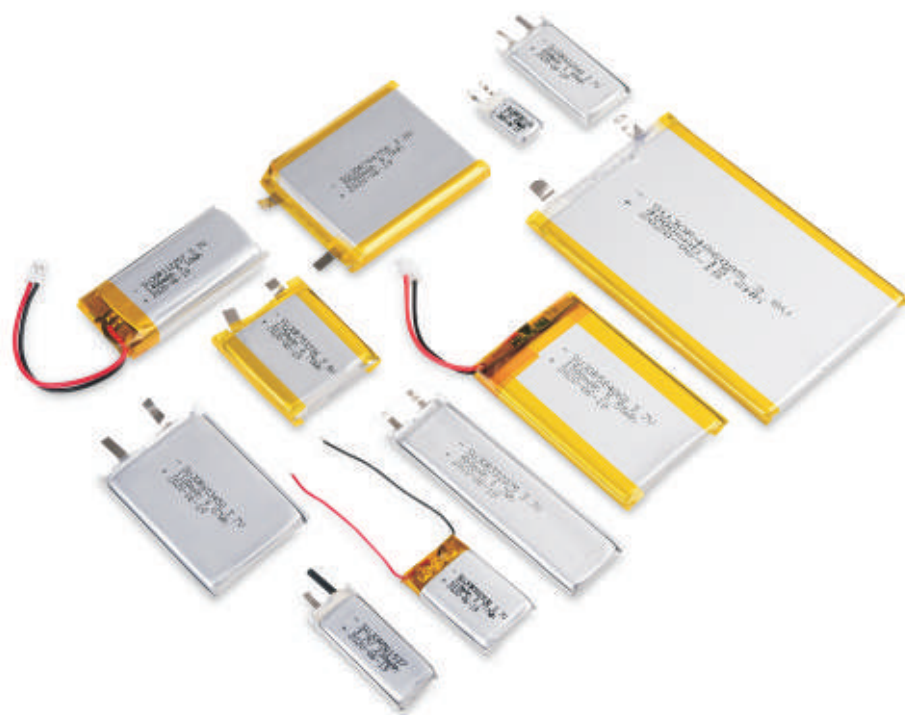
Army, Aerospace, Deep sea diving equipment power supply, Polar scientific expedition, Cold zone rescue, Power supply for disaster relief, Winter clothing, Cold-proof shoes, Power light, ect.





# Wide Temperature Battery

Good performance under wide temperature from -40 to +80°C.



## Characteristics:

- Workable in temperature from -40~+80°C
- Store at high temperature of 80°C for 24h, capacity retention more than 90%, thickness expansion rate less than 5%
- Store at high temperature of 90°C for 4h, capacity retention more than 95%, thickness expansion rate less than 5%
- Store at high temperature of 100°C for 2h, thickness expansion rate less than 10%
- Capacity retention more than 80% at 0.5C discharge rate under -40°C

## Main application:

Aerospace, Military aviation, Offshore drilling, Detection equipment, Emergency lighting, ect.



# High Drain Battery

Supporting high drain rate as big as 30C.  
Low impedance, good consistency.

## Characteristics:

- High drain discharge performance, it can support as high as 30C discharge rate.
- Low internal resistance, good consistency.
- High safety, no explosion, no leakage.

## Main application:

Drones, RC toys, Power tools, Jump starter, Smart robot.



# Lithium ion Battery



Soft Pack:



3.7V 1S2P 18650 5200mAh battery pack

11.1V 3S2P 18650 5000mAh battery pack

Model No.	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension		Approx Weight (g)
			Diameter	Height	
10440	3.7	320	10.3	44.0	8
14430	3.7	650	14.2	43.0	16
14500	3.7	800	14.2	50.2	20.2
14650	3.7	1200	14.2	65.2	25
16340	3.7	700	16.8	34.0	17
16500	3.7	1200	16.8	50.2	29
16650	3.7	1800	16.3	65.2	36
18350	3.7	850	18.3	35.2	21.5
18500	3.7	1900	18.3	50.2	35.2
18650	3.7	1800	18.5	65.2	41
18650	3.7	2000	18.5	65.2	42.8
18650	3.7	2200	18.5	65.2	43
18650	3.7	2400	18.5	65.2	44
18650HP	3.7	2500	18.5	65.2	45
18650	3.7	2600	18.5	65.2	45
18650	3.7	2900	18.5	65.2	45
18650MP	3.7	3000	18.5	65.2	45
18650	3.7	3350	18.5	65.2	45
21700	3.7	4200	21.5	70.2	73.5
26500	3.7	3200	26.3	50.2	65
26650	3.7	5000	26.3	65.5	90
32550	3.7	5000	32.5	55.2	118
32650	3.7	6500	32.3	65.2	137
34550	3.7	6000	34.2	55.2	128
34600	3.7	7000	34.3	60.2	150

### Specility:

Customized battery pack with serial and parallel available  
Small impedance, high voltage, no memory effect  
High temperature, low temperature and wide temperature type available  
High safety: No explosion, environmental-friendly

### Main Application:

Portable scanner, solar LED light, medical equipment, intelligent robot sweeper, POS machine, Personal care, etc.



BB-2590/U Military battery



Body worn camera battery

Hard Pack

### Specility:

Two versions: 14.4V/28.8V  
SM Bus function optional  
High performance Lithium ion battery with instantaneous start up  
Protection against short circuit and improper charge  
High reliability due to all welded construction.  
Durable high impact plastic housing and connector enclosure.

### Main Application:

UAG, IROBOT, Hellfire fighter, searchlights, distractor and over 71 different U.S. military equipment

### Specility:

High safety and stable, long warranty  
Widely used for 4G, 5G HHT  
Good performance on high temperature as +70  
Long cycle life: Capacity retention > 90% after 500 cycles  
NFC function and IP67 waterproof  
Hundreds COTS cell with short delivery time

### Main Application:

Body worn camera For more customized battery pack, please contact us.



# NiMH Battery



Category	Size	Model No.	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension		Approx Weight (g)
					Diameter (mm)	Height (mm)	
General	1/2AAA	1/2AAA250	1.2	250	10.5	23	7
	2/3AAA	2/3AAA350	1.2	350	10.5	29	8.5
	AAA	AAA600	1.2	600	10.5	43	12
		AAA700	1.2	700	10.5	43	12.5
		AAA800	1.2	800	10.5	43	13
		AAA900	1.2	900	10.5	43	13.5
		AAA1000	1.2	1000	10.5	43	14
	AA	AA600	1.2	600	14.5	49	19
		AA800	1.2	800	14.5	49	21
		AA1000	1.2	1000	14.5	49	22
		AA1200	1.2	1200	14.5	49	25
		AA1300	1.2	1300	14.5	49	26
		AA1500	1.2	1500	14.5	49	27
		AA1600	1.2	1600	14.5	49	27
		AA1800	1.2	1800	14.5	49	29
		AA2000	1.2	2000	14.5	49	30
		AA2200J	1.2	2200	14.5	50.5	31
		AA2300J	1.2	2300	14.5	50.5	31
		AA2400J	1.2	2400	14.5	50.5	31.6
		AA2500J	1.2	2500	14.5	50.5	31.6
		AA2600J	1.2	2600	14.5	50.5	33

Category	Size	Model No.	Nominal Voltage (V)	Nominal Capacity (mAh)	Dimension		Approx Weight (g)
					Diameter (mm)	Height (mm)	
Low self-discharge	AA	AA1200-L	1.2	1200	14.5	50.5	25
		AA1600-L	1.2	1600	14.5	50.5	27
		AA1800-L	1.2	1800	14.5	50.5	29
		AA2400-L	1.2	2400	14.5	50.5	31.6
		AAA800-L	1.2	800	10.5	43	13
		AAA900-L	1.2	900	10.5	43	13.5
High temperature	D	D9000-T	1.2	9000	33	60.5	160
	F	F15000-T	1.2	15000	33	90.5	235
Low temperature	AA	AA600-E	1.2	600	14.5	50.5	19
		AA2000-E	1.2	2000	14.5	50.5	30
High drain	SC	SC2000HP	1.2	2000	23	43	50
		SC2200HP	1.2	2200	23	34	51
		SC2500HP	1.2	2500	23	43	58
		SC3000HP	1.2	3000	23	43	60
		SC3300HP	1.2	3300	23	43	62
		SC3500HP	1.2	3500	23	43	64
		SC3800HP	1.2	3800	23	43	65.5
		SC4000HP	1.2	4000	23	43	69
		SC4200HP	1.2	4200	23	43	70

Remark: Partial models showed. For more models,please contact us.



# R&D Strength



# Quality Assurance



## 10+years

SUJOR has built a strong research and development team including 10 Professors and 15 senior technical staff. The technical Director has more than 10 years of experience in lithium-ion battery development by using innovative technologies to keep us leading in the market. With the introduction of advanced precision testing instruments, the company invest 5% of annual sales on research and development each year.



SUJOR persists in “quality is our life, oriented to customer.” It has imported ISO9001:2015 quality system management to ensure product quality to meet customer requirements. There are at least five steps quality control reflected in R&D process, incoming control process, production process, prior-shipment control and after-sales service process. The company has more than 40 strictly trained personnel and advanced detection equipment to ensure the company products quality in the leading position in battery industry.



Particle size tester



Air permeability tester



Rupture strength tester



Tensile pressure tester



Moisture test



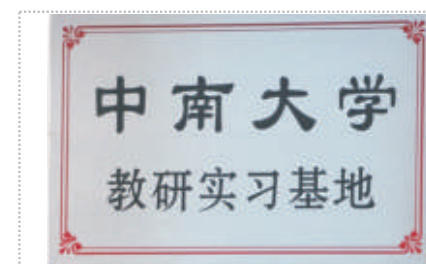
Specific surface tester



Vibrating density tester



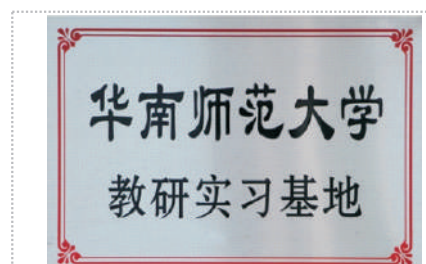
Vibrating density tester



Central South University  
Research Base



Tianjin University  
Shenzhen Research Base



South China Normal  
Univeristy Research Base



# Enterprise Certificate

Our factory has been approved by ISO9001&ISO14001.  
And most of our products have passed CB,IEC62133, CE, RoHS, REACH, UN38.3, ect.



# Main Customers

