



COMPANY PROFILE

JIEYO is a professional battery manufacturer with over 20 years of dedicated experience in the industry. We specialize in the R&D, design, production and sales of customized rechargeable batteries and energy storage solutions.

Our product portfolio includes lithium-ion, Ni-MH, sodium-ion and Li-Po batteries, which boast proven strengths in wide-temperature performance, high-temperature performance, high-rate discharge, large capacity, low self-discharge and long cycle life. These products are widely used in power tools, e-bikes, household electrical appliances, lighting fixtures, cleaning equipment, as well as RC models and toys. Our newly launched sodium-ion starter battery delivers outstanding performance and has immediately gained extensive recognition and interest from the market.

We also provide reliable LiFePO4 and sodium-ion energy storage systems for residential, small commercial, industrial and mobile applications. These systems are designed for safety, compatibility and extended service life.

Committed to quality, sustainability and ethical business practices, JIEYO has obtained ISO 9001, ISO 14001 and SA8000 certifications. Our products comply with major international standards, including UL, CB, CE, BIS, KC, PSE, FCC, RoHS, REACH and UN38.3, and are exported to North America, Europe, East Asia, Oceania and Africa.

20+

20 years of expertise in battery manufacturing

500+

Employees

5000+

Customized solutions

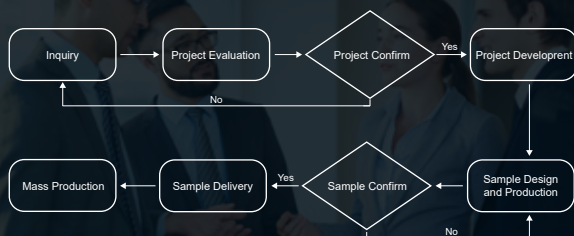
20000m²+

Production base area

60000+

Daily output battery packs

CUSTOMIZATION PROCESS



Quality life lasts because of me



Sodium-Ion Battery



**EXTREME PERFORMANCE:
FROM ARCTIC COLD
TO DESERT HEAT**



AUTOMOTIVE & MOTORCYCLE SOLUTIONS

广东杰优新能源科技有限公司
JIEYO NEW ENERGY TECHNOLOGY CO.,LTD

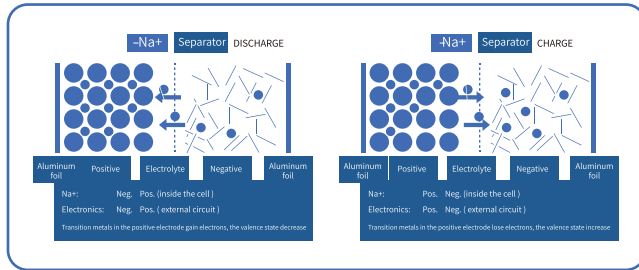
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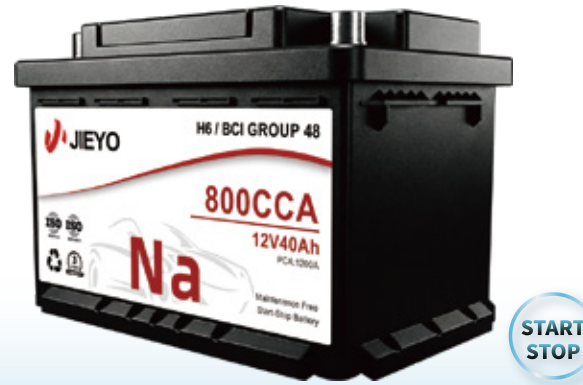
Sodium-ion Batteries Working Principle



Why Sodium-ion?

- 10X long life service of lead-acid**
- Satisfy extreme temp. -40 ~ 70°C**
- 3X cranking performance of lead-acid**
- Lightweight and compacted in size, easy installation**
- Can be fast recharged around 20 mins, much faster than lead-acid (6hrs)**
- 6000+ cycles @80%DoD**

Car Starting Battery



Motorcycle Cranking Battery



5+YEARS Long life	6000Cycles @80%DoD	FAST Recharge	-40 ~ 70°C	5+YEARS Long life	6000Cycles @80%DoD	FAST Recharge	-40 ~ 70°C
60% Lighter than lead-acid	SEALED Maintenance free	Vibration Resistance Improved	200000 Start-stop cycles	60% Lighter than lead-acid	SEALED Maintenance free	Vibration Resistance Improved	100000 Start-stop cycles

Cell Ultimate Performance Specifications

- Charging temperature range: -20°C to 70°C
- Discharging temperature range: -40°C to 70°C
- 3C fast charging / 5C pulse charging @30°C
- 10C fast discharging / 20C pulse discharging @30°C (Up to 35C for motorcycle applications @30°C)

NaForce+ SS Model	Capacity (Wh)	Voltage (V)	CCA (A)	Dimensions (mm) L * W * H (TH)	Weight (Kg)	Case Size
JYH-H5-1240	480	12	800	242*175*189	6	BCI Group 47
JYH-H6-1240	480	12	800	280*176*185	7.6	BCI Group 48
JYH-H6-1250	600	12	800	280*176*185	7.8	BCI Group 48
JYH-H8-1260	720	12	800	354*176*187	15	BCI Group 49
JYH-H8-2430	720	24	400	354*176*187	15	BCI Group 49

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NaForce+ SS Model	Capacity (Wh)	Voltage (V)	CCA (A)	Dimensions (mm) L * W * H (TH)	Weight (Kg)	Case Size
JYM-YTX4-1204	42	12	80	112.8*68.8*86.7	1.0	YTX4
JYM-12N7-1207	84	12	150	112.8*68.8*129	1.5	12N7
JYM-YTX12-1210	126	12	210	149*85.2*130.5	2.0	YTX12

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