

Leading brand in the lithium battery industry



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PRODUCT CATALOG

Energy Storage &. Power Battery Factory

We Are Your Lithium Battery Factory



ABOUT US

Shandong Sunshine New Energy Technology Co., LTD was established in 2017, which is located in Shandong Province. Sunshine PV is engaged in R&D production, sales of lithium & LiFePO4 battery, storage system and solar energy products.

Sunshine PV focus on quality, efficiency and stability of the Solar New Energy products. Integrity, Responsibility, Innovation and Passion are our philosophy. Our battery models have MSDS, UN38.3, CE certificates etc. we aim to be with advanced high-tech and production equipment, strictly controls raw material inspection, production procedure, finished product inspection, and a professional sales team and after-sales service .

Our mission is to make the air clean again on the earth, by providing reliable clean energy products and considerable service to our customers.

Alibaba Verified Supplier

Over 10 Years

Whole Set Solution for You

OEM/ODM

100% After-Sales Guarrantee

Fast Delivery

CE/UN38.3/UL/MSDS/ IEC62619, TUV, SGS, Intertek

MOVABLE HOME ENERGY STORAGE BATTERY



Company Products



SS12.8V-60AH



SS12.8V-100AH



SS12.8V-120AH

Technical Parameter

Model	SS12.8V-60AH	SS12.8V-100AH	SS12.8V-120AH
Nominal voltage	12.8V	12.8V	12.8V
Rated capacity	60AH	100AH	120AH
Rated reserved energy	768WH	1280WH	1536WH
Standard continuous charging current	50A	0.5C (50A)	50A
Maximum charging current	50A	1C(100A)	100A
Total charging cut-off voltage	14.6V	14.0V	14.0V
Cut-off voltage of charging monomer	3.65V	3.65V	3.65V
Standard discharging current	0.5C	0.5C	50A
Maximum continuous discharging current	50A	1C(100A)	100A
Cut-off voltage of discharging monomer	2.5V	2.5V	2.5V
Total discharging cut-off voltage	11.2V	11.2V	11.2V
Charging temperature range	0°C~55°C	0°C~55°C	0°C~55°C
Discharging temperature range	-20°C~60°C	-20°C~60°C	-20°C~60°C
Dimension (W*D*H)	229*138*208mm	305*170*208mm	330*172*215mm
Weight	9.5kg	11.2kg	16.1kg
Compound mode	4 strings 1 parallel	4 strings 1 parallel	4 strings 1 parallel
Storage temperature	-20°C~45°C	-20°C~45°C	-20°C~45°C



Product Features

- ◇ Stackable & Movable
- ◇ Built-in BMS
- ◇ Energy dense
- ◇ Long cycle life
- ◇ Support customization
- ◇ Support for Parallel Connection
- ◇ Supports Inverter Communications

Applicable Scope

- ◇ Household Energy Storage
- ◇ UPS System
- ◇ Solar Storage
- ◇ Central Office
- ◇ Base Transceiver Station
- ◇ Electric Power System
- ◇ Telecommunication Systems
- ◇ Communication Equipments
- ◇ Switching Applications and More

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Company Products



SS12.8V-150AH



SS12.8V-160AH



SS12.8V-200AH

Technical Parameter

Model	SS12.8V-150AH	SS12.8V-160AH	SS12.8V-200AH
Nominal voltage	12.8V	12.8V	12.8V
Rated capacity	150AH	160AH	200AH
Rated reserved energy	1920WH	2048WH	2560WH
Standard continuous charging current	0.5C (75A)	0.5C (80A)	0.5C (100A)
Maximum charging current	1C(150A)	150A	1C (200A)
Total charging cut-off voltage	14.6V	14.6V	14.0V
Cut-off voltage of charging monomer	3.65V	3.65V	3.65V
Standard discharging current	0.5C	0.5C	0.5C
Maximum continuous discharging current	1C(150A)	150A	1C(200A)
Cut-off voltage of discharging monomer	2.5V	2.5±0.15V	2.5V
Total discharging cut-off voltage	10V	10±0.6V	11.2V
Charging temperature range	0°C~55°C	0°C~55°C	0°C~55°C
Discharging temperature range	-20°C~60°C	-20°C~60°C	-20°C~60°C
Dimension (W*D*H)	345*190*245mm	345*190*245mm	483*170*240mm
Weight	15.5kg	16.7 KG	24.8kg
Compound mode	4 strings 1 parallel	4 strings 1 parallel	4 strings 1 parallel
Storage temperature	-20°C~45°C	0C~45°C	0°C~45°C

MOVABLE HOME ENERGY STORAGE BATTERY



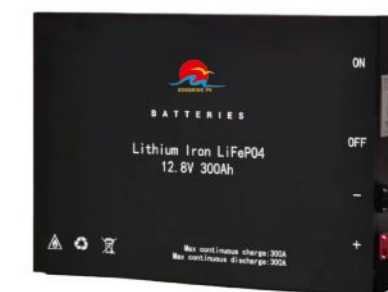
Company Products



SS12.8V-100AH-SLIM



SS12.8V-200AH-SLIM



SS12.8V-300AH-SLIM

Technical Parameter

Model	SS12.8V-100AH-SLIM	SS12.8V-200AH-SLIM	SS12.8V-300AH-SLIM
Nominal voltage	12.8V	12.8V	12.8V
Rated capacity	100AH	200AH	300AH
Rated reserved energy	1280WH	2560WH	3840WH
Standard continuous charging current	0.5C (50A)	0.5C (100A)	0.5C (150A)
Maximum charging current	1C(100A)	1C(200A)	1C(300A)
Total charging cut-off voltage	14.4V	14.0V	14.6V
Cut-off voltage of charging monomer	3.65V	3.65V	3.65V
Standard discharging current	0.5C	0.5C	0.5C
Maximum continuous discharging current	1C(100A)	1C(200A)	300A
Cut-off voltage of discharging monomer	2.2V±0.05v	2.5V	2.5±0.15V
Total discharging cut-off voltage	8.8V	11.2V	10±0.6V
Charging temperature range	0°C~55°C	0°C~55°C	0°C~55°C
Discharging temperature range	-20°C~60°C	-20°C~60°C	-20°C~60°C
Dimension (W*D*H)	600*275*65mm	552*110*288mm	580*470*88mm
Weight	8.8kg	22.5kg	
Compound mode	4 strings 1 parallel	4 strings 1 parallel	4 strings 1 parallel
Storage temperature	-20°C~45°C	-20°C~45°C	0°C~45°C

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MOVABLE HOME ENERGY STORAGE BATTERY



Company Products



SS25.6V-120AH



SS25.6V-200AH



SS12.8V-300AH

Technical Parameter

Model	SS25.6V-120AH	SS25.6V-200AH	SS12.8V-300AH
Nominal voltage	25.6V	25.6V	12.8V
Rated capacity	120AH	200AH	300AH
Rated reserved energy	3072WH	5120WH	3840WH
Standard continuous charging current	0.5C (60A)	0.5C (60A)	0.5C (150A)
Maximum charging current	100A	100A	250A
Total charging cut-off voltage	25.6V	25.6V	14.0V
Cut-off voltage of charging monomer	3.65V	3.65V	3.65V
Standard discharging current	0.5C	0.5C	0.5C
Maximum continuous discharging current	100A	100A	250A
Cut-off voltage of discharging monomer	2.5±0.15V	2.5±0.15V	2.5V
Total discharging cut-off voltage	20±1.2V	22.4V	11.2V
Charging temperature range	0°C~55°C	0°C~55°C	0°C~55°C
Discharging temperature range	-20°C~60°C	-20°C~60°C	-20°C~60°C
Dimension (W*D*H)	420*290*178mm	440*443*133mm	480*340*178mm
Weight	28.8kg	45kg	37kg
Compound mode	8 strings 1 parallel	8 strings 1 parallel	4 strings 1 parallel
Storage temperature	0°C~45°C	0°C~45°C	-20°C~45°C

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MOVABLE HOME ENERGY STORAGE BATTERY



Company Products



SS51.2V-50AH



SS51.2V-100AH



SS51.2V-200AH

Technical Parameter

Model	SS51.2V-50AH	SS51.2V-100AH	SS51.2V-200AH
Nominal voltage	51.2V	51.2V	51.2V
Rated capacity	50AH	100AH	200AH
Rated reserved energy	2560WH	5120WH	9600WH
Discharge Voltage (V)	40-58.4V	40-58.4V	42V
Charge Voltage (V)	51.2-58.4V	51.2-58.4V	53.2V
Recommend Charge/Discharge Current(A)	25A	50A	50A
Max. Charge/Discharge Current(A)	50A	100A	100A
Dimension	482*400*133.35mm	482*400*177.8mm	440*602*250.7mm
Weight	27kg	49kg	94kg
Communication	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN
Working Temperature	0C~50C Charge -10C~50CDisharge	0C~50C Charge -10C~50CDisharge	0C~50C Charge -10C~50CDisharge
Shelf Temperature	-20C~60C	-20C~60C	-20C~60C
Certification	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS
Design Life	10+ Years (25°C/77F)	10+ Years (25°C/77F)	10+ Years (25°C/77F)
Cycle Life	>4500, 25°C	>4500, 25°C	>6000, 25°C

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Company Products



SS51.2V-100AH-Wall



SS51.2V-200AH-Wall



SS51.2V-280AH-Wall

Technical Parameter

Model	SS51.2V-100AH-Wall	SS51.2V-200AH-Wall	SS51.2V-280AH-Wall
Nominal voltage	51.2V	51.2V	51.2V
Rated capacity	50AH	200AH	280AH
Rated reserved energy	2560WH	10240WH	14336WH
Discharge Voltage (V)	40-58.4V	40-58.4V	40-58.4V
Charge Voltage (V)	51.2-58.4V	51.2-58.4V	51.2-58.4V
Recommend Charge/Discharge Current(A)	50A	60A	100A
Max. Charge/Discharge Current(A)	100A	100A	200A
Dimension	458*197*610mm	580*286*950.5mm	580*278*900mm
Weight	54kg	102kg	115kg
Communicaiton	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN
Working Temperature	0C~50C Charge -10C~50CDisharge	0C~50C Charge -10C~50CDisharge	0C~50C Charge -10C~50CDisharge
Shelf Temperature	-20C~60C	-20C~60C	-20C~60C
Certification	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS	CE/IEC/UL/UN38.3/MSDS
Design Life	10+ Years (25°C/77F)	10+ Years (25°C/77F)	10+ Years (25°C/77F)
Cycle Life	>4500, 25°C	>4500, 25°C	>6000, 25°C



Technical Specifications

Electrical Characteristics	Nominal voltage	12.8V
	Nominal capacity	100Ah/1280Wh
	Cycle life	>6000 cycles @1C 80% DOD , >3000 cycles @1C 100% DOD
	Self discharge	<3% per month
	Efficiency of charge	>99% @0.2C
	Efficiency of discharge	96% ~99% @0.5C
Standard Charge	Charge voltage	14.6±0.2V
	Charge mode	CC/CV: Constant Current/Constant Voltage
	Standard continuous charge current	50A
	Max charge current	60A
Standard Discharge	Cut-off voltage	14.6V (bulk) / 3.65V (single bank)
	Continuous current	≤50A
	Max pulse current	60A(<5s)
Environment	Discharge cut-off voltage	10.8V (bulk) / 2.7V (single bank)
	Charge temperature	0~65°C (32~149F) @ 60±25 relative humidity
	Discharge temperature	-20~60°C (14~158F) @ 60±25 relative humidity
Application	Storage temperature	-20~45°C (-4~113F) @ 60±25 relative humidity
	Installment	Parallel connection only
	Control	Battery management system (BMS) integrated
Cell	connect	5 pcs in parallel and 4 pcs in series
Mechanical	Case material	metal material
	Dimension	335mm (L) *310mm (W) *90mm (H)
	Weight	14.5KG



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MOVABLE HOME ENERGY STORAGE BATTERY



Technical Specifications

Brand Name	JBD
Copper Thickness	10Z
Min. Line Width	10MM
Surface Finishing	Aluminum
Board Size	300*100*25MM
Number of Strings	8S/10S-16S
Working Current	100A 150A 200A
Balance Current	20-60mA
Voltage	36V/48V/60V
Common Port	YES
Balance Function	YES
Temp sensor	YES
Communication	RS485/CAN
Applicable Battery	3.2V Lifepo4 Battery; 3.6V/3.7V Li-ion Battery
Application field	Energy storage UPS, EBike, E-Motorcycle, EV, Solar, RV, inverter, ship engine

MOVABLE HOME ENERGY STORAGE BATTERY



Technical Specifications

Brand Name	EVE
Battery Size	lifepo4
The charging ratio	0.5C
The discharge rate	0.5C
Type	Li-Ion LiFePO4 battery
Cycle life	8000Times (with fixture)
Certificate	CE/RoHS/UN38.3/MSDS/UL/ESG IEC 62619
Application	Electric Vehicle Communications Energy storage Intelligent network
Capacity	from100AH to 300
Operating Temperature	Discharge:-20-55 degreeC Charge:0-55 degreeC



Automated



Ultra-Safe



Stable



Customized
Custom-made



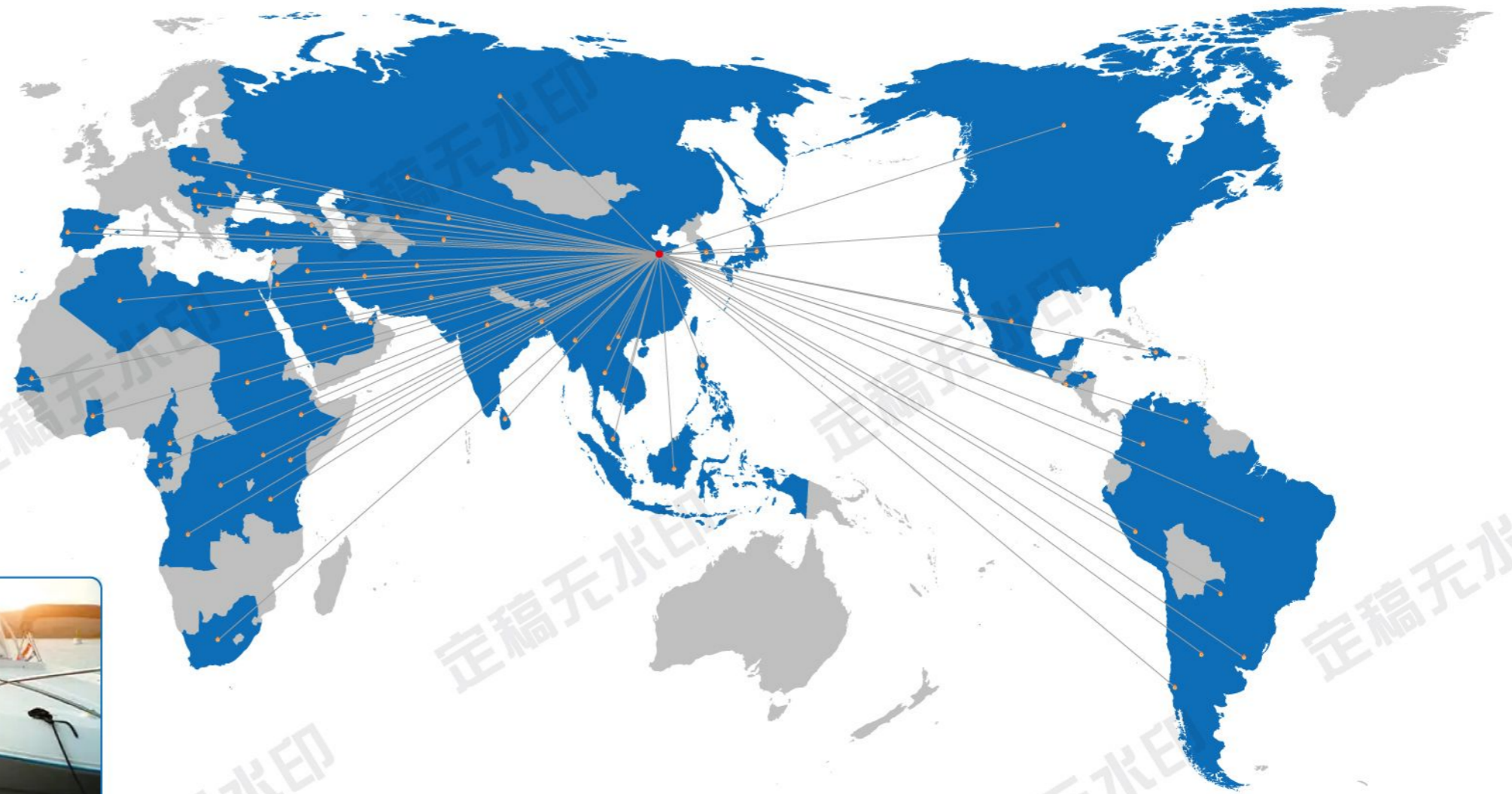
Super Long



Environmentally
Friendly

SALES NETWORK

SOLID AND PERFECT SERVICE,
MAKE THE COMPANY'S MARKETING
NETWORK COVER THE WHOLE COUNTRY,
PRODUCTS ARE TO OVERSEAS



SERVICE AND SUPPORT

- 🗣️ Comprehensive pre sales support
- 👤 Professional sale service
- 🔧 Strict production process control
- 🔧 Standard testing equipment
- 👨‍🔧 Experienced technical guidance
- 🕒 24h Perfect after-sale service