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SUNBOND

**SOLAR ENERGY
STORAGE SYSTEM BATTERY
BROCHURE**

PROFESSIONAL LITHIUM BATTERY MANUFACTURER

**WELCOME TO
SUNBANG**

About Sunbang

1. Guangdong Sunbang was established in 2012, located in Huizhou City of Guangdong Province.
2. The factory covers an area of 20,000 m², Annual Production Ability could be 2GWh.
3. R&D: Professional independent design and R&D team can meet any customized needs. A large number of advanced automatic production and testing equipment.
4. Certifications: ISO9001, UL, CB, KC, CE, IEC62133, IEC62619, CUL, RoHs, REACH, UN38.3, MSDS, etc.
5. Main products: Lithium-ion battery, LiFePO4 battery, Energy storage system, Power battery.
6. Overseas services: After-sales sites in Germany, Portugal and Los Angeles of USA.
7. Application: Telecom base station, Solar/wind energy storage system, Industrial energy storage, Intelligent robot, Electronic equipment, E-Bike, E-Scooter, E-tricycle, Golf cart, RV, Forklift, Solar lights, Emergency lighting, yachts, ships and other fields.

Production Base in Huizhou, Guangdong



High Capabilities

We focus on lithium batteries for energy storage, consumer electronics and electrical vehicle.

- With high-precision production equipment and testing equipment.
- Annual Production Ability over than 2GWh.



20000m²+
Factory area

2+
Laboratory

2GWh
Capacity/Year

10+
R&D engineers

300+
Staff



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SOLAR ENERGY SERIES

Solar Street Light Battery

Model	SUN0410
Normal Capacity	60Ah
Case	Aluminum casing
Max Discharge Current	20A
Energy	768Wh
Cycle Life	≥3000
Charging Temperature	0 ° C - 60 ° C
Discharging Temperature	-20 ° C - 70 ° C
Weight	10kg
Dimensions(L*w*h)	400*141*98mm



SOLAR ENERGY SERIES

Outdoor Waterproof LiFePO4 Battery Pack

Model	Outdoor Suspension WaterProof Type 51.2V 20- 100Ah
Normal Capacity	20-300Ah
Case	Industrial Grade Iron
Max Discharge Current	20-200A
Energy	1024-15360Wh
Cycle Life	8000
Charging Temperature	0 ° C - 60 ° C
Discharging Temperature	-20 ° C - 70 ° C
IP Degradation	IP65
Weight	28kg (51.2V 50Ah)
Dimensions(L*w*h)	200*320*420mm





SOLAR ENERGY SERIES

Lithium Battery For PV Tracker

Model	LiFePO4 32700 Cylindrical 25.6V 6/12Ah
Normal Capacity	6Ah/12Ah
Case	PVC
Max Discharge Current	6A/12A
Energy	153.6-307.2Wh
Cycle Life	2000
Charging Temperature	0 ° C-60 ° C
Discharging Temperature	-20° C-70 ° C
Weight	1.4kg (25.6V 6Ah)
Dimensions(L*w*h)	260*80*38mm/260*80*68mm



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ENERGY STORAGE SERIES

High Voltage Energy Storage System

Model	SUN-2000-2.0MWH-1000V/1500V
Rated Voltage(V)	870.4/1331.2
Module Rated Energy(kWh)	243.7/372.7
Rate Power(kw)	1000
Rate Charging/ Discharging Curren(A)	10*140/6/280
Max Charging/ Discharging Rate	≤0.5C@25°C
Capacity(kwh)	2437/2236
Dimension:W*D*H(mm)	6058*2896*2438mm
Weight	≤30T
Battery Cooling Mode	Industrial HVAC
System Communication Ports	Ethernet/ Optical Fiber
System Communication Protocol	Modbus TCP
IP Degraton	IP54



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ENERGY STORAGE SERIES

Ultra-thin Wall Mounted Battery

Model	PW16S200T
Normal Capacity	200Ah
Case	Industrial Grade Iron
Max Discharge Current	150A
Energy	10.24kWh
Cycle Life	8000
Charging Temperature	0 ° C-60 ° C
Discharging Temperature	-20 ° C-70 ° C
Weight	95kg
Dimensions(L*w*h)	700*980*100mm



ENERGY STORAGE SERIES

Wall Mounted LiFePO4 Battery

Model	PW16S200
Normal Capacity	200Ah
Case	Industrial Grade Iron
Max Discharge Current	150A
Energy	10.24kWh
Cycle Life	6000
Charging Temperature	0 ° C-60 ° C
Discharging Temperature	-20 ° C-70 ° C
Weight	94kg
Dimensions(L*w*h)	550*867*165mm





ENERGY STORAGE SERIES

Rack-mounted LiFePO4 Battery

Model	RK16S100 / RK16S200
Normal Capacity	100Ah/200Ah
Case	Industrial Grade Iron
Max Discharge Current	100A / Customized
Energy	5120Wh/10240Wh
Cycle Life	6000
Charging Temperature	0 ° C ~ 60°C
Discharging Temperature	-20 ° C ~ 70°C
Weight	43kg/80kg
Dimensions(L*w*h)	440*430*177mm/440*530*222mm



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ENERGY STORAGE SERIES

Stackable LiFePO4 Battery

Model	ST16S100
Normal Capacity	100Ah
Case	Industrial Grade Iron
Max Discharge Current	100A
Energy	5120Wh
Cycle Life	8000
Charging Temperature	0 ° C ~ 60°C
Discharging Temperature	-20 ° C ~ 70°C
Weight	50kg
Dimensions(L*w*h)	588*430*195mm



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12V & 24V LITHIUM SERIES

12V / 24V Bluetooth Access LiFePO4 Battery

Model	12V 100/200/300AH LiFePO4
Normal Capacity	100Ah/200Ah/300Ah (ampere hours)
Case	ABS
Max Discharge Current	100A/150A/200A
Energy	1280Wh/2560Wh/3840Wh
Cycle Life	6000
Charging Temperature	0 ° C - 60 ° C
Discharging Temperature	-20 ° C - 70 ° C
Weight	13kg/24kg/32kg
Dimensions(L*w*h)	330*173*216mm/521*238*218mm/520*269*220mm

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12V & 24V LITHIUM SERIES

12V / 24V Low Temperature Heat LiFePO4 Battery

Model	24V 100AH LiFePO4
Normal Capacity	50-400Ah
Case	ABS
Max Discharge Current	50-200A
Energy	5120Wh
Cycle Life	8000
Charging Temperature	-30 ° C - 60 ° C (The temperature of cells will be heat up to 0 ° C , then start charging)
Discharging Temperature	-20 ° C - 70 ° C
Weight	23kg
Dimensions(L*w*h)	521*238*218mm

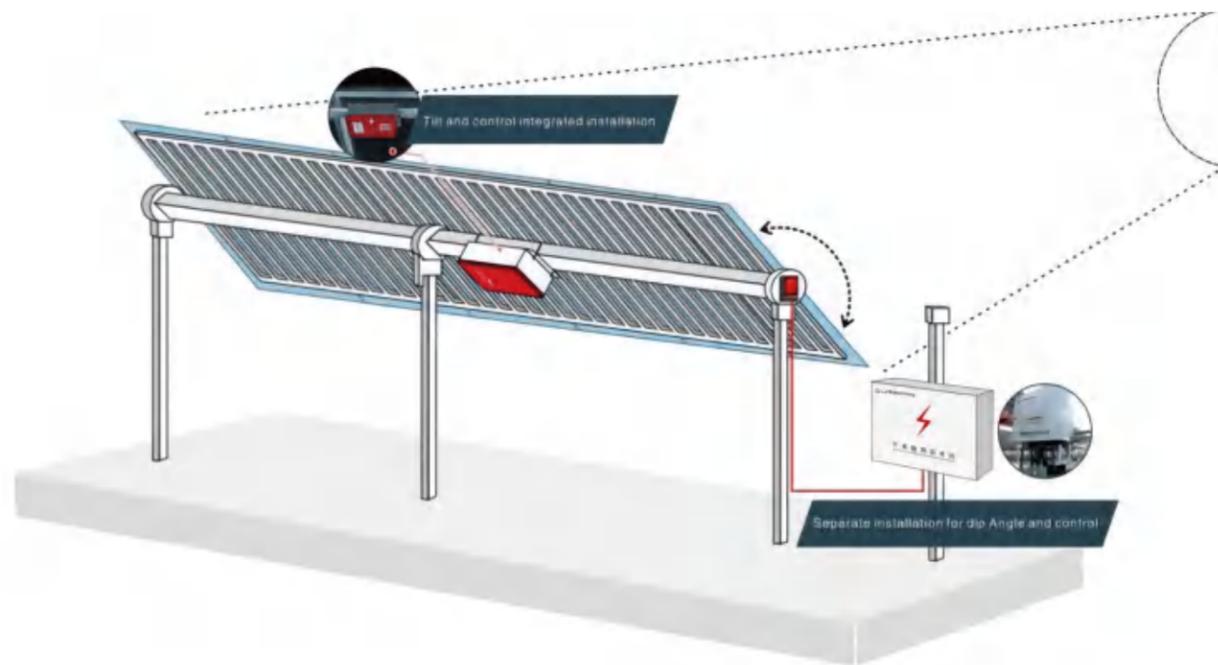


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Successful Projects

Project: 100MW Project in Italy

Battery Type: 24V6Ah for PV tracker



Cathedral City, CA,

Time of installation: Jan. 2018

Power: 500kW storage inverter

Battery configuration:
512V 50Ah



Location : U.S.A

1. 30kwh power wall battery, 6pcs 51.2V 100AH LiFePO4 batteries connected in parallel.

2. 60KWH rack-mounted battery. 12pcs 51.2V 100AH LiFePO4 batteries connected in parallel.

It delivery electric to the place where is lack of power, providing ultimate peace of mind for your home.



Location: Iraq

Project:
High-voltage industrial energy storage system for cement plant

Battery unit type:
102.4V 50Ah



Netherlands

Time of installation: Jan. 2022

Power: 1MW/1.1MWH 20ft BESS Container

Battery configuration:
1.1MWh LFP battery rack



NSW, Australia

Time of installation: Jan 2020

Power: PWG2-50kW Hybrid Storage Inverter

Battery configuration:
lithium-ion batteries

Moomba, Australia

Time of installation: Jan 2020

Power: PWG2-100kW Hybrid Storage Inverter

Battery configuration:
400kWh lithium-ion batteries



COMPATIBLE WITH BRAND INVERTERS

