



FOCUS ON GREEN ELECTRICITY

- ESS ALL-IN-ONE Solar Energy Storage System ◀ ◀ ◀
- Industry & Commercial ESS Energy Storage System ◀ ◀ ◀
- High / Low Voltage Lithium Battery ◀ ◀ ◀
- Lithium Battery ESS ◀ ◀ ◀
- Lithium Battery Pack ◀ ◀ ◀
- Hybrid Solar Inverter ◀ ◀ ◀
- Portable outdoor power supply ◀ ◀ ◀

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# About us

Zhejiang Rison Pumping Tech Co., Ltd is one the Leading manufacturers , specializing in the production and development of energy storage lithium battery packs and lithium battery systems.

We own ourselves R&D team and production team. The main production including : Energy Storage lithium battery packs, lithium battery ESS, Solar inverter, portable out door power supply etc.

Our Solar Energy Storage System is famous for high efficiency and reliability, and all the system including the Hybrid Inverter, BMS system, EMS system, PCS system are totally developed and produced by our company directly.

Providing BMS customization, integrated service of lithium battery PACK scheme design, Our product passed UN38.3, MSDS, CE, FCC, RoHS certifications. It is widely used in PV off-grid systems, PV storage systems, household energy storage, industrial and commercial energy storage, communication base station energy storage, data center backup power supply and modular lithium battery products.

JZH is one of our Major Brand for Global Marketing. Under JZH branding, we have established the Most Strict Quality Controlling and management system through our intelligent and Professional team. All of the product will be inspected one by one before exportation. Our technic support and service has been benefited all of our customers .

JZH whole team were , are and will be continuing to serve all of our customers with the best service and warranty. We also provide OEM/ODM services to our customers with high-quality products, solid quality and high-quality services.

JZH is Looking forwarder to establish the long term partner ship with you whenever and wherever you are plan to start the solar energy production. Please also contact JZH is you are interested to be our distributor in your market.





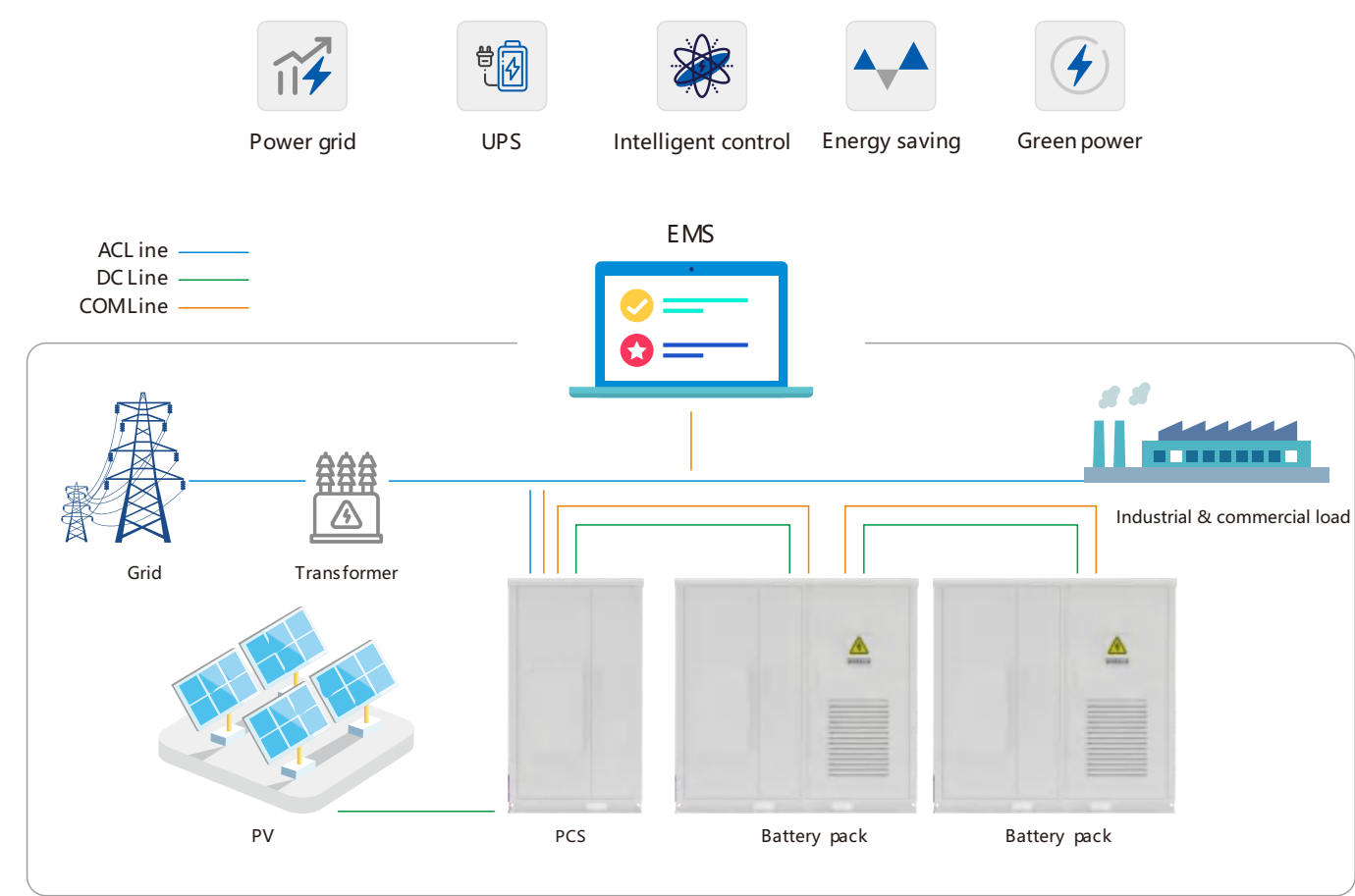
# INDUSTRY & COMMERCIAL ENERGY STORAGE SYSTEM

ESS ALL-IN-ONE



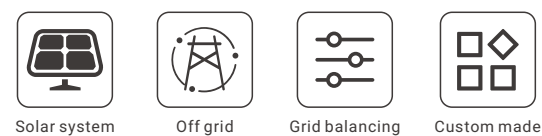
### Technical Parameters

Cell parameters			
Cell type	Lithium iron phosphate(LFP) 280Ah		
Rated voltage	3.2V		
Depth of discharge	Deep discharge 90%		
Installed capacity			
Rated power	215KWh	604.8KWh	1MWh
Battery rated voltage	768V	720V	720V
Battery voltage range	600V-876V	560V-820V	560V-820V
DC discharge current	140A	140A	140A
Single Cluster Battery Pack	16S1P	15S1P	15S1P
Number of battery	15PCS (15S)	45PCS (15S3P)	75PCS (15S5P)
AC Side			
Rated power	100KW	300KW	500KW
Rated grid voltage	400V		
Rated AC current	140A		
Allowable voltage range	360V~440V		
Rated grid frequency	50Hz/60Hz		
Power Factor	> 0.99		
AC access method	3W+N+PE		
System parameters			
System efficiency	>86%		
Cycle life	> 6000(25℃ 05C > 90%DOD 70%EOL)		
Cooling method	Air Cooling		
Allowable ambient temp.	-30~50℃		
Maximum working altitude	4000m(> 2000mDerating is required)		
Fire mode	Heptafluoropropane gas fire extinguishing device		
Degree of protection	IP54		
Communication method	RS485/CAN		
Operating mode	Microgrid, UPS, Backup power		



# JZHP Series

## Solar Energy Storage System



JZHP solar energy storage system integrated machine is designed to meet the needs of solar systems and energy storage system. It has high energy saving efficiency, high energy density, fast access to on-grid/off-grid photovoltaics, and strong environmental adaptability, especially in distribution and storage. The system is integrated by the cabinet, air-cooled air conditioner, inverter/PCS, BMS, lithium battery, high-voltage control box, fire protection system, electrical system and safety auxiliary system.

Technical Parameters

Model	JZHP-20	JZHP-30	JZHP-50
Specifications	20kW/51.2kWh	30kW/61.44kWh	50kW/107kWh
Pack combination	256V200Ah/51.2kWh	307.2V200Ah/61.44kWh	716V150Ah/107kWh
Inverter power	20kW	30kW	50kW
DC standard voltage	256VDC	307.2VDC	716VDC
DC voltage range	212-288VDC	245-345VDC	582-806VDC
Cell type	LFP 3.2V/200Ah	LFP 3.2V/200Ah	LFP 3.2V/150Ah
Max.charge/discharge power	22kW	33kW	55kW
Max.input solar power	26kW	39kW	65kW
Rated grid voltage	380V AC		
Rated grid frequency	50/60Hz ±5Hz		
Battery cycle life	>6000 times (0.5C@25℃) Energy retention rate ≥80%		
Charge and discharge rate	≤0.5C		
System efficiency/discharge depth	Maximum efficiency 97% /DOD90%		
Thermal management	Intelligent air cooling		
Firefighting	PACK aerosol/cabinet aerosol		
UPS	Backup time: 10 minutes		
Control method	local control system		
Operating mode	On-grid/off-grid		
Communication	CAN/RS485/WiFi		
Access method	AC bottom incoming line/three-phase four-wire/3L+N+PE		
Use ambient temperature	0℃~+50℃		
Use ambient humidity	0~95%RH		
Storage temperature	-20℃~+60℃		
Working altitude	2000m (>2000m derated use)		
International Protection	IP54		
Product Size	1000*1073*1925mm	1100*1525*1173mm	1000*1194*2200mm
Product weight	1100kg	1250kg	2100kg

\*Customized different brands of inverters, cell and different voltage, capacity, dimensions/color , OEM/ODM services



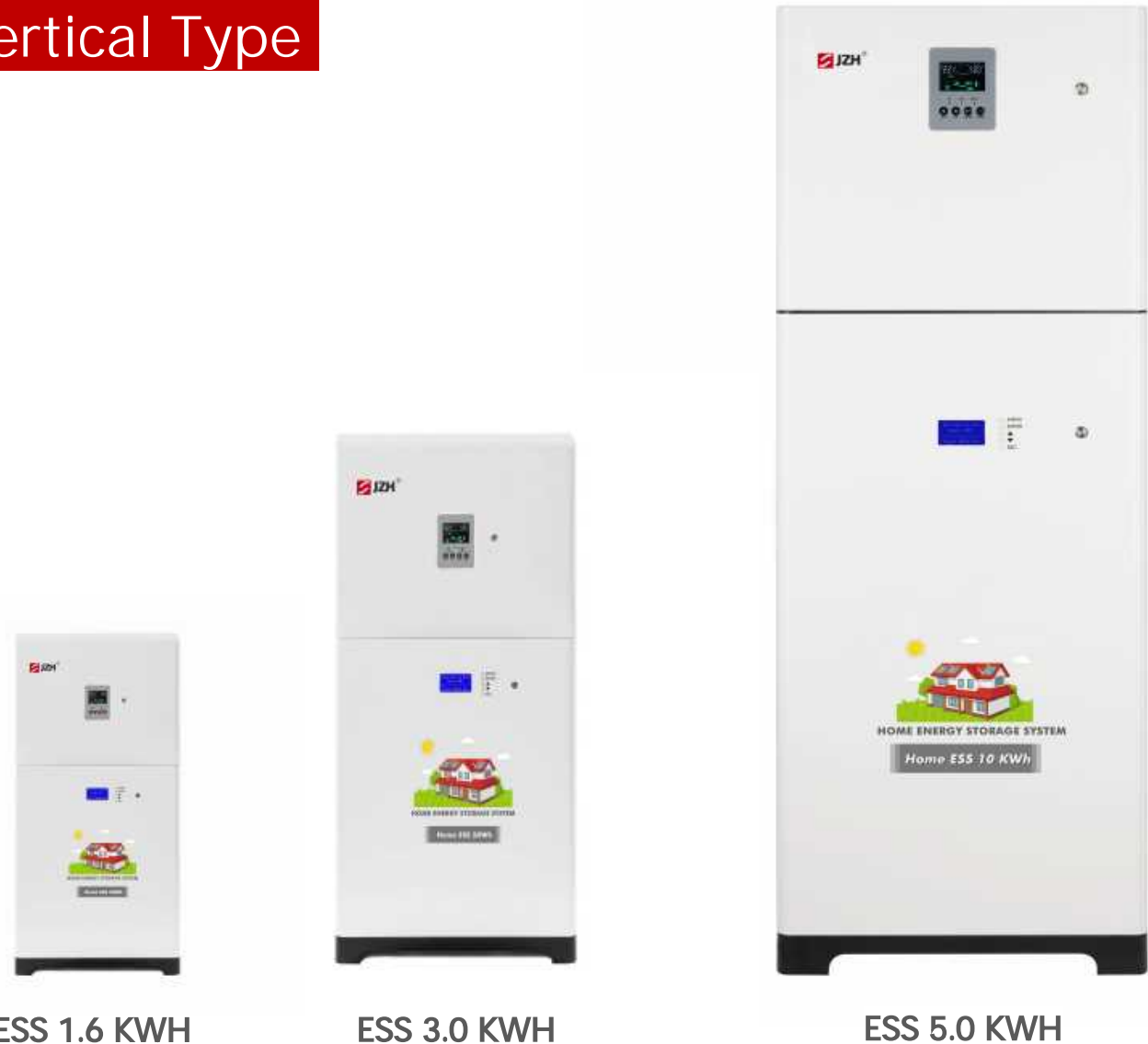
- ※ Famous brand composition, quality assurance
- ※ Built-in inverter, direct access, more convenient
- ※ WiFi/4G, intelligent monitoring provides more peace of mind
- ※ Flexible deployment, convenient wiring, safer and more convenient



# HOME SOLAR ENERGY STORAGE SYSTEM



## ESS ALL-IN-ONE Vertical Type



- Li-FePO<sub>4</sub>
- 3-8KW Out put
- APP Control
- Customized High/low voltage
- Customized capacity

The ESS series product (Energy Storage System) is a high-performance off-grid energy storage system independently developed by us. It uses high-quality lithium iron phosphate batteries and is equipped with an intelligent BMS battery management system. It has long cycle life, high safety performance, and good sealing; High-frequency off-grid photovoltaic inverter, built-in MPPT controller, can provide efficient and reliable energy solutions for photovoltaic off-grid power generation systems, energy storage systems, household photovoltaic storage systems, and industrial and commercial energy storage systems.

The system is equipped with a self-developed APP, supports IOS/Android mobile phones,remotely controls the charging and discharging of the battery pack, monitors the system operating data in real time, and quickly enters the troubleshooting work when the system fails, so as to restore the effective power supplymoreefficiently.

### Technical Parameters

Mode	HOME ESS 1.6KWH	HOME ESS 3KWH	HOME ESS 5KWH
Capacity	1.6KWh / 1KW	3KWh / 1.5KW	5.12KWh / 5KW
Standard discharge current	50A	50A	50A
Max.discharge current	100A	100A	100A
Working voltage range	11-14VDC	22-28VDC	43.2-57.6VDC
Standard Voltage	12.8VDC	25.6VDC	51.2VDC
Max.charging current	50A	50A	50A
Max.charging voltage	14V	28V	57.6V
Rated PV input voltage	180VDC	360VDC	360VDC
MPPT tracking voltage range	60 - 180Vdc	60 - 430Vdc	60 - 430Vdc
Max input voltage (VOC) at lowest temperature	500V	260V - 300V	260V - 300V
Max input power	1200W	3000W	6000W
Number of MPPT tracking paths	1Path		
DC input voltage range	60 - 180Vdc	60 - 430Vdc	60 - 430Vdc
Rated mains power input voltage	220VAC/230VAC/240VAC		
Gridpowerinput voltagerange	170 VAC ~ 280 VAC ( UPS mode ) / 120 VAC ~ 280 VAC ( Inverter mode )		
Gridinpu frequencyrange	45Hz ~ 55Hz ( 50Hz ) ; 55Hz ~ 65Hz ( 60Hz )		
Inverter output efficiency	94% ( MAX )		
Inverter output voltage	220VAC±2% / 230VAC±2% / 240VAC+2% ( Inverter mode )		
Inverter output frequency	50Hz ± 0.5 or 60Hz ± 0.5 ( Inverter mode )		
nverter output waveform	Pure sine wave		
Grid output efficiency	>99%		
Max mains charging current	60A		
Max PV charging current	100A		
Max charging current (Grid+PV)	100A		
Max Discharging current	100A		
Optional mode	Grid priority/PV priority/Battery priority		
Communication	Optional.RS485/RS232/CAN WFi/4G/Bluetooth		

\*Voltage, capacity, size/ color customization, OEM/ODM services can be provided according to customer needs

# HOME SOLAR ENERGY STORAGE SYSTEM



## ESS ALL-IN-ONE Vertical Type



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The system is equipped with a self-developed APP, supports IOS/Android mobile phones,remotely controls the charging and discharging of the battery pack, monitors the system operating data in real time, and quickly enters the troubleshooting work when the system fails, so as to restore the effective power supplymoreefficiently.

### Technical Parameters

Model	JZHL-ESS-10	JZHL-ESS-15	JZHL-ESS-20
Capacity	10.24KWh /5KW	15.36KWh/ 10KW	20.48KWh / 10KW
Standard discharge current	50A	50A	50A
Max. discharge current	100A	100A	100A
Working voltage range	43.2-57.6VDC	43.2-57.6VDC	43.2-57.6VDC
Standard Voltage	51.2VDC	51.2VDC	51.2VDC
Max. charging current	50A	50A	50A
Max. charging voltage	57.6V	57.6V	57.6V
Rated PV input voltage	360VDC		
MPPT tracking voltage range	120V-450V		
Max input voltage (VOC) at lowest temperature	500V		
Max input power	6000W	10000W	10000W
Number of MPPT tracking paths	1Path		
DC input voltage range	60 - 430VDC		
Rated mains power input voltage	220VAC/230VAC/240VAC		
Gridpowerinput voltagerange	170VAC~280VAC (UPS mode)/ 120VAC~280VAC (Inverter mode)		
Gridinput frequencyrange	45Hz~55Hz (50Hz); 55Hz~65Hz (60Hz)		
Inverter output efficiency	94%(MAX)		
Inverter output voltage	220VAC±2%/230VAC±2%/240VAC±2%(Inverter mode)		
Inverter output frequency	50Hz±0.5 or 60Hz±0.5(Inverter mode)		
Inverter output waveform	Pure sine wave		
Grid output efficiency	>99%		
Max mains charging current	60A		
Max PV charging current	100A		
Max charging current (Grid+PV)	100A		
Optional mode	Grid priority/PV priority/Battery priority		
Communication	Optional: RS485/RS232/CAN WFi/4G/Bluetooth		

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs

# HOME SOLAR ENERGY STORAGE SYSTEM

ESS ALL-IN-ONE

Stack Type



The system is equipped with a self-developed APP, supports IOS/Android mobile phones,remotely controls the charging and discharging of the battery pack, monitors the system operating data in real time, and quickly enters the troubleshooting work when the system fails, so as to restore the effective power supplymoreefficiently.



Li-FePO<sub>4</sub>



3-8KW  
Out put



APP  
Control

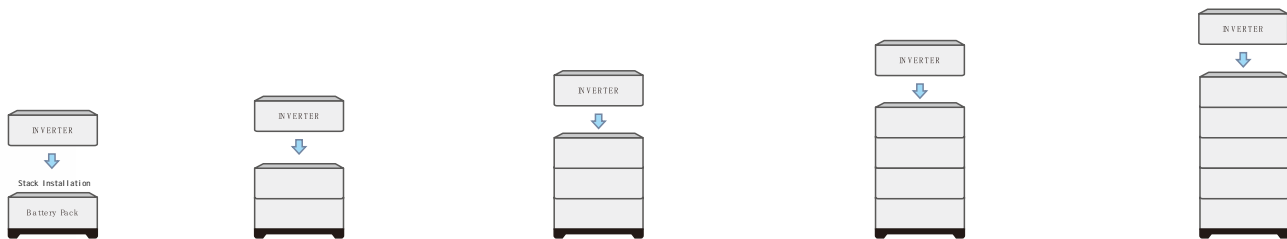


Customized  
High/low voltage



Customized  
capacity

The ESS series product (Energy Storage System) is a high-performance off-grid energy storage system independently developed by us. It uses high-quality lithium iron phosphate batteries and is equipped with an intelligent BMS battery management system. It has long cycle life, high safety performance, and good sealing; High-frequency off-grid photovoltaic inverter, built-in MPPT controller, can provide efficient and reliable energy solutions for photovoltaic off-grid power generation systems, energy storage systems,household photovoltaic storage systems, and industrial and commercial energy storage systems.



## Technical Parameters

Model	JZHL-ESS-10	JZHL-ESS-15	JZHL-ESS-20
Capacity	10.24KWh /5KW	15.36KWh / 10KW	20.48KWh / 10KW
Standard discharge current	50A	50A	50A
Max. discharge current	100A	100A	100A
Working voltage range	43.2-57.6VDC	43.2-57.6VDC	43.2-57.6VDC
Standard Voltage	51.2VDC	51.2VDC	51.2VDC
Max. charging current	50A	50A	50A
Max. charging voltage	57.6V	57.6V	57.6V
Rated PV input voltage	360VDC		
MPPT tracking voltage range	120V-450V		
Max input voltage (VOC) at lowest temperature	500V		
Max input power	6000W	10000W	10000W
Number of MPPT tracking paths	1Path		
DC input voltage range	60 - 430VDC		
Rated mains power input voltage	220VAC/230VAC/240VAC		
Gridpowerinput voltagerange	170VAC~280VAC (UPS mode )/120VAC~280VAC (Inverter mode)		
Gridinput frequencyrange	45Hz~55Hz (50Hz); 55Hz~65Hz (60Hz)		
Inverter output efficiency	94%(MAX)		
Inverter output voltage	220VAC±2%/230VAC±2%/240VAC±2%(Inverter mode)		
Inverter output frequency	50Hz±0.5 or 60Hz±0.5(Inverter mode)		
Inverter output waveform	Pure sine wave		
Grid output efficiency	>99%		
Max mains charging current	60A		
Max PV charging current	100A		
Max charging current (Grid+PV)	100A		
Optional mode	Grid priority/PV priority/Battery priority		
Warranty	5~10Years		
Communication	Optional: RS485/RS232/CAN WFi/4G/Bluetooth		

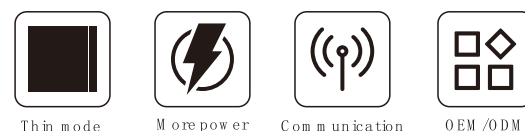
\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs





# JZH-L

## Vertical Energy Storage Lithium Battery

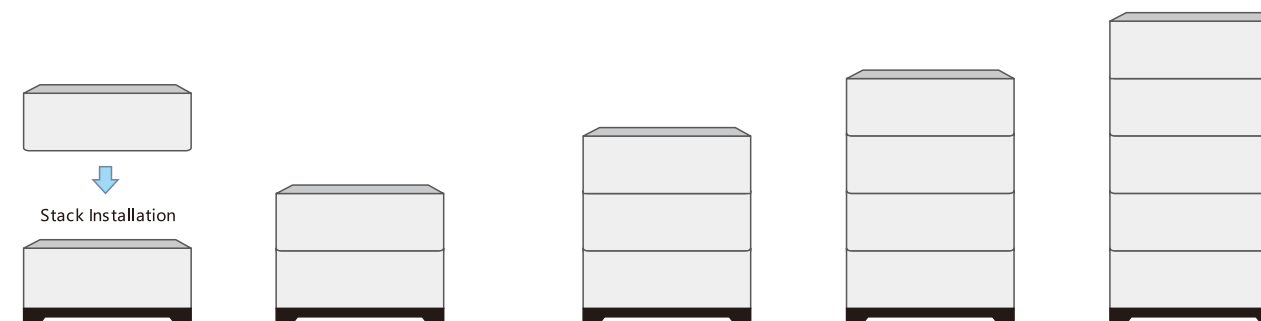


# JZH-S Series

## Stacked Energy Storage Lithium Battery



Household energy storage products use high-quality square aluminum shell lithium iron phosphate cells,with intelligent battery management system(BMS), Long cycle life, High safety performance, Beautiful appearance, Free combination, and convenient installation. The battery pack is equipped with LCD display for visualization of operating data. Compatible with most brands solar inverter and be able to communicate with it. It is widely used in distributed PV systems and home energy storage systems. Provide efficient and clean energy for household, industrial, commercial, agricultural and other electrical equipment.



Technical Parameters

Model	JZHS4810	JZHS48200
Specification	48V100Ah	51.2V100Ah
Combination	15S1P	16S1P
Capacity	4.8KWh	5.12KWh
Standard discharge current	50A	50A
Max. discharge current	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max. charging current	50A	50A
Max. charging voltage	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C	
Working humidity	65±20%RH	
Operating temperature	-10~+50°C	
Working altitude	≤2500m	
Cooling method	Natural cooling	
Installation	Stack installation	
Protection level	IP20	
Max of parallel	15PCS	
Warranty	5~10 Years	
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth	
Certified	CE ROHS FCC UN38.3 MSDS	
Product Size	400*200*460mm	
Package Size	460*230*545mm	
Net weight	50kg	53kg
Gross weight	55kg	58kg


\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



# JZH-WSeries

## Wall mount

## Energy Storage Lithium Battery



Household energy storage products use high-quality square aluminum shell lithium iron phosphate cells, with intelligent battery management system(BMS), Long cycle life, High safety performance, Beautiful appearance, Free combination, and convenient installation. The battery pack is equipped with LCD display for visualization of operating data. Compatible with most brands solar inverter and be able to communicate with it. It is widely used in distributed PV systems and home energy storage systems. Provide efficient and clean energy for household, industrial, commercial, agricultural and other electrical equipment.



Technical Parameters

Model	JZHW4850		JZHW48100		JZHW48200	
Specification	48V50Ah	51. 2V50Ah	48V100Ah	51. 2V100Ah	48V200Ah	51. 2V200Ah
Combination	15S1P	16S1P	15S1P	16S1P	15S1P	16S1P
Capacity	2.4KWh	2.56KWh	4.8KWh	5.12KWh	9.6KWh	10.24KWh
Standard discharge current	50A	50A	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40. 5- 54VDC	43.2-57.6VDC	40. 5- 54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	50A	50A	100A	100A
Max. charging voltage	54V	57.6V	54V	57.6V	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C					
Working humidity	65±20%RH					
Operating temperature	-10~+50°C					
Working altitude	≤2500m					
Cooling method	Natural cooling					
Installation	Wall mount					
Protection level	IP20					
Max of parallel	15PCS					
Warranty	5~10 Years					
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth					
Certified	CE ROHS FCC UN38.3 MSDS					
Product Size	400*200*585mm		400*230*585mm		400*230*610mm	
Package Size	500*260*630mm		500*290*630mm		460*250*650mm	
Net weight	35kg	40kg	42kg	46kg	102kg	106kg
Gross weight	40kg	45kg	50kg	54kg	112kg	116kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



# JZH-MSeries

## Wall mount

## Energy Storage Lithium Battery

# JZH-C Series

## Rack/Cabinet Energy Storage Lithium Battery



Rack installation



Cabinet installation



### Technical Parameters

Model	JZHC4850		JZHC48100		JZHC48200	
Specification	48V50Ah	51.2V50Ah	48V100Ah	51.2V100Ah	48V200Ah	51.2V200Ah
Combination	15S1P	16S1P	15S1P	16S1P	15S1P	16S1P
Capacity	2.4KWh	2.56KWh	4.8KWh	5.12KWh	9.6KWh	10.24KWh
Standard discharge current	50A	50A	50A	50A	50A	50A
Max. discharge current	100A	100A	100A	100A	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC	48VDC	51.2VDC	48VDC	51.2VDC
Max. charging current	50A	50A	50A	50A	100A	100A
Max. charging voltage	54V	57.6V	54V	57.6V	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C					
Working humidity	65±20%RH					
Operating temperature	-10~+50°C					
Working altitude	≤2500m					
Cooling method	Natural cooling					
Installation	Cabinet/Rack Mount					
Protection level	IP20					
Max of parallel	15PCS					
Warranty	5~10 Years					
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth					
Certified	CE ROHS FCC UN38.3 MSDS					
Product Size	440*495*88mm		440*495*178mm		440*590*178mm	
Package Size	555*500*130mm		555*500*235mm		480*650*220mm	
Net weight	25kg	37kg	41kg	45kg	101kg	105kg
Gross weight	30kg	42kg	49kg	55kg	111kg	115kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



LOW VOLTAGE  
PROTECTION



OVER VOLTAGE  
PROTECTION



OVER CURRENT  
PROTECTION



OVER TEMPERATURE  
PROTECTION



BALANCED  
PROTECTION



OVER DISCHARGE  
PROTECTION

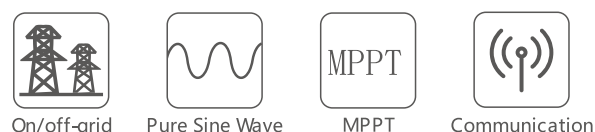


SHORT CIRCUIT  
PROTECTION



# JZH-PI

## On/off-grid Solar Inverter



# JZH-PW

Lithium battery Communication

## Wall-mount Solar Inverter



PARAMETER		
Model	JZH - PW3200	JZH - PW5000
Rated power	3200W	5000W
Standard voltage	24VDC	48VDC
Installation	Wall mount installation	
PV PARAMETER		
Working model	MPPT	
Rated PV input voltage	360VDC	
MPPT tracking voltage range	120-450V	
Max input voltage (VOC) at lowest temperature	500V	
Max input power	4000W	6000W
Number of MPPT tracking paths	1 Path	
INPUT		
DC input voltage range	21-30VDC	42-60VDC
Rated mains power input voltage	220/230/240VAC	
Grid power input voltage range	170~280VAC(UPS model)/120~280VAC(inverter model)	
Grid input frequency range	40~55Hz(50Hz) 55~65Hz(60Hz)	
OUTPUT		
Inverter	Output efficiency	94%
	Output voltage	220VAC±2%/230VAC±2%/240VAC±2%(Inverter model)
	Output frequency	50Hz±0.5 or 60Hz±0.5(Inverter model)
Grid	Output efficiency	≥ 99%
	Output voltage range	Following input
	Output frequency range	Following input
Battery mode no-load loss	≤ 1%(At rated power)	
Grid mode no-load loss	≤ 0.5% Rated power(the charger of grid power doesn't work)	
BATTERY		
Battery type	Lead acid battery	Equalizing charging 13.8V Floating charging 13.7V (single battery voltage)
	Customized battery	The parameter can be set according to customers' requirement ( Use different types of battery by setting the panel)
Max mains charging current	60A	
Max PV charging current	100A	
Max charging current(Grid+PV)	100A	
Charging method	Three-stage (constant current, constant voltage, float charge)	
PROTECTED MODE		
Battery low voltage range	Battery low voltage protection value +0.5V (Single battery voltage)	
Battery voltage protection	Factory default: 10.5V (Single battery voltage)	
Battery over voltage alarm	Equal charging voltage +0.8V (Single battery voltage)	
Battery over voltage protection	Factory default: 17V (Single battery voltage)	
Battery over voltage recovery Voltage	Battery over voltage protection value -1V (Single battery voltage)	
Overload /short circuit protection	Automatic protection (battery mode), circuit breaker or fuse (Grid mode)	
Temperature protection	≥90°C off output	
PERFORMANCE PARAMETERS		
Conversion time	≤ 4ms	
Cooling method	Intelligent cooling fan	
Working temperature	-10~40°C	
Storage temperature	-15~60°C	
Altitude	2000m(>2000m altitude need derating)	
Humidity	0~95% (No condensation)	
Product Size	420*290*110mm	460*304*110mm
Package Size	486*370*198mm	526*384*198mm
Net weight	8.5kg	9.5kg
Gross weight	9.5kg	10.5kg



## Portable Outdoor Power Supply >>>

**180W 166Wh**

**300W 310Wh**

**500W 577Wh**



## SPECIFICATION

Power: 180W

Battery: ternary automobile power battery

Capacity: 45000mah 3.7V 166wh

USB\*1:(QC3.0) 5V/3A 9V/2A 12V/1.5A

USB\*2: 5V/3A

DC output: 12V / 10A (max)

LED lighting: 3W

AC AC output: 100v- 240v (50- 60Hz)

PD output: 65W PD input: 65W bidirectional

DC input: 15v2a

Product weight: 2049g

Product size: 20.7 (L) \* 9 (W) \* 9 (H) cm

Full container gauge: 60.6 \* 30.6 \* 29.2cm (10 sets)

Full container weight: 21.2kg

Cubic meter occupied by the whole container: 0.063426



















Storage environment: - 10 °C ~55 °C

Working environment: - 20 °C ~60 °C



## Portable Outdoor Power Supply >>>



Model	JZH2000 PRO			JZH3000 PRO	
Rated Capacity	2016Wh			3000WH	
Rated power	2000W			3200W	
Charge and discharge parameters					
Operating temperature	0℃~40℃(Charge)-10C~40C(Discharge)				
Support charging type	Grid charging/Solar ch arging				
Input voltage range	Grid input 85-250V/solar input26~60V				
Input voltage	Grid input 250V/Solar input 26~60V				
Charging voltage	16.8V				
AC Max charging	100V/10A				
Max charging power	1000W				
Output type	AC	USB	Type-C	DC	Wireless
Output rated power	2000~3200W	QC3.018W	65WMAX	100W	15W
Frequency	50Hz / 60 Hz ± 1HZ (Auto)				
Output voltage/current	110~230V / 10A	5V / 2.4A, 5V / 3A	5~20V / 3.25A	12.5V 8A	12V / 1.25A
Product Features					
Cooling method	Cooling fan				
Running noise	5dB				
Protector	IP53				
Wor king humidity	65±20%RH				
Storage humidity	65±20%RH				
Product Information					
Product Size	400*300*322mm				
Package Size	435*355*352mm				
Net weight	28kg				
Gross weight	32k0				
Packing	Carton				
Protection					
<div><div> Low voltage Protection</div><div> Over voltage Protection</div><div> Over current Protection</div><div> Over temperature Protection</div><div> Balanced Protection</div><div> Over discharge Protection</div><div> Short circuit Protection</div></div>					
Customized sockets					
<div><div> Multifunction</div><div> U.S.</div><div> GFCI</div><div> Australia</div><div> U.K.</div><div> Lsrail</div><div> Switzerland</div><div> France</div><div> Germany</div><div> Japan</div><div> SouthAfrica</div></div>					