



Providing high quality energy storage



BRAND HISTORY

2015

Ningbo Jinghong Energy Technology Co., Ltd. was established, Cell printing and production 2017

The Cell production capacity was 400MW, and the two-year export sales exceeded from \$3 million to \$10 million 2019

Established Indian branch SUNLONG cell printing

2022

Established Cutting silicon wafers company and module production base

2023

It established a European branch and a Singapore branch, engaged in Cell and silicon wafer sales 2024

Set sail for the future...



GLOBAL INDUSTRIAL CHAIN LAYOUT

Completed product supply Chain reduces cost and increases efficiency for customers

100 Million + Wafer Capacity

500 MW Oversea Solar Cells Capacity

500 MW China Solar Cells Capacity

1.5 GW Solar Module Capacity





R&D Egineers





70+Global Footprints



3 Production Bases



300+Company Employees





GLOBAL PARTNER

China







































Overseas













CERTIFICATION





MORE SECURE INSURANCE SERVICES

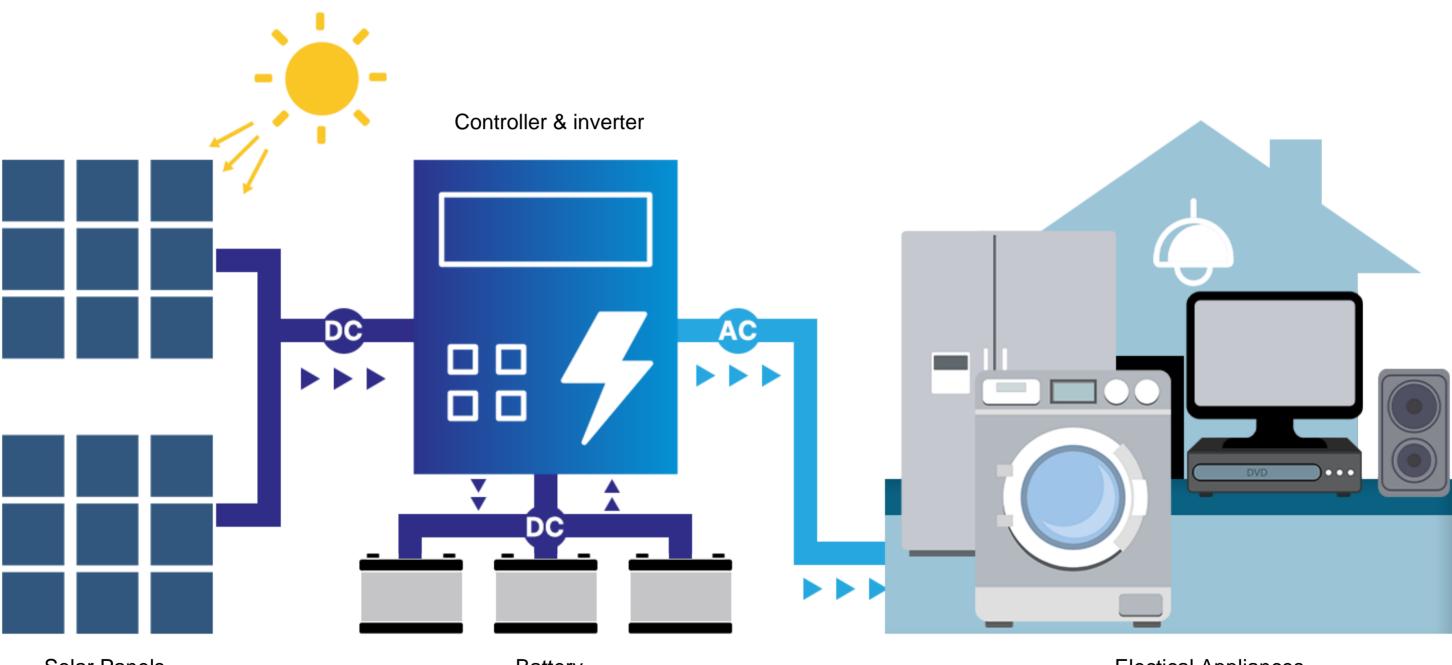








Solar Cell System Off Grid Type



Solar Panels Battery Electical Appliances



JST series is a new all-in-one solar charge inverter, which integrates solar energy storage & utility charging energy storage and AC sine wave output. Thanks to DSP control and advanced control algorithm, it has high response speed, high reliability and high industrial standard. Four charging modes are optional, i.e. Only Solar, Mains Priority, Solar Priority and Mains & Solar hybrid charging; and two output modes are available, i.e. inverter and Mains, to meet different application requirements.

Performance characteristics /

Three output modes

When the grid-connected function is enabled, grid-connected power generation or anti-reverse-current can be set, and it can also be set to off-grid output mode.

Four charging modes

Mains priority charging, solar priority charging, mains solar hybrid charging and solar only charging.

Emergency function

Support battery-free output and only PV start and load, with battery activation function.

The host computer and the APP cloud communication

The host computer and the APP cloud can display the operating data and status of the system in real time and control and modify the parameters.

Parallel function

It can be flexibly combined to achieve up to 9 parallel machines, and the parallel system can output single-phase and three-phase AC voltage.

Protection function

Perfect hardware and software protection function, can display the fault type for easy removal.

Technical parameters/



| recommend parameters | | | | |
|---|--|-----------------------------|-----------------------|--|
| MODEL | JST48-3500 VII | JST 48-5500 VII | JST 48-10K VII | |
| Data di autoriti in accordi (AA) | INVERTER O | | 10000 | |
| Rated output power (W) | 3500 | 5500 | 10000 | |
| Rated output power (VA) | 3500 | 5500 | 10000 | |
| Maximum Peak Power (W) | 6000 | 10000 | 15000 | |
| Load Capacity with Motors (HP) | 2 | 4 | 6 | |
| Rated AC Output | 230 VAC | C (200 / 208 / 220 / 240VA) | C), 50 / 60Hz | |
| Output Voltage Waveform | | Pure Sine Wave | | |
| Inverter and Bypass Switching Time | | 10ms (typical) | | |
| Parallel Capacity | | 9 | | |
| Maximum Battery Inverter Efficiency | | 93% | | |
| Overload Protection | | %, 5min; 110%~125%, 10 | s; >125%, 2s | |
| Datte a Tare | BATTER | | .Cd | |
| Battery Type | Lit | hium / Lead-acid / User De | efined | |
| Rated Battery Voltage (VDC) | | 48 | | |
| Battery Voltage Range (VDC) | | 40~60 | | |
| Max.MPPT Charging Current (A) | 60 | 100 | 200 | |
| Max.Mains Charging Current (A) | 60 | 60 | 120 | |
| Max.Hybrid Charging Current (A) | 80 | 100 | 200 | |
| Charging current error (ADC) | ±3 | | | |
| Charging Short Circuit protection | | Blown Fuse | | |
| | PV CHARG | ING | | |
| MPPT Quantity | | 1 | 2 | |
| Max. PV array power (W) | 4000 | 5500 | 5500+5500 | |
| Max. PV input current (A) | 13 | 22 | 22+22 | |
| Max. Open Circuit Voltage (VAC) | 5 | 00 | 500+500 | |
| MPPT Voltage Range (VDC) | | 120~450 | | |
| MPPT Tracking Efficiency | | 99.9% | | |
| | MAINS IN | PUT | | |
| Input Voltage Range (VAC) | | 90~280/170~280 | | |
| Frequency Range (Hz) | | 50/60±0.3 | | |
| Output Short Circuit Protection | | Circuit breaker | | |
| Bypass Overload Current (A) | 30 | 40 | 63 | |
| | SPECIFICAT | | | |
| Dimensions (D*W*H)mm | | 350*455 | 130*445*630 | |
| Weight (kg) | 11 | 12 | 27 | |
| Classification of waterproof | | IP20 | | |
| Operating Temperature Range (°C) | | -10~55 | | |
| Storage Temperature Range (°C) | | -25~60 | | |
| Noise (dB) | | <60 | | |
| Heat Dissipation | Forced air cooling (variable speed of fan) | | | |
| eac & losipacion | COMMUNIC | | | |
| Embedded interface | | | | |
| External module | RS485 / CAN / USB / Dry contact | | | |
| LATERNAL MOUNTE | WIFI/GPRS CERTIFICATION | | | |
| Safety | CLITTICA | CE(IEC62109-1) | | |
| EMC | EN61000 | | | |
| Note: Above data are subject to change w | vithout notice. Special volta | | | |
| Note. Above data are subject to charige w | nulout house. Special volta | ige could be custofflized. | | |



| Maximum efficiency 98.6% | Dual MPPT | DC over-allocation 1.5 times |
|--------------------------|------------|------------------------------|
| OLED Display | Touch keys | Flexible monitoring methods |

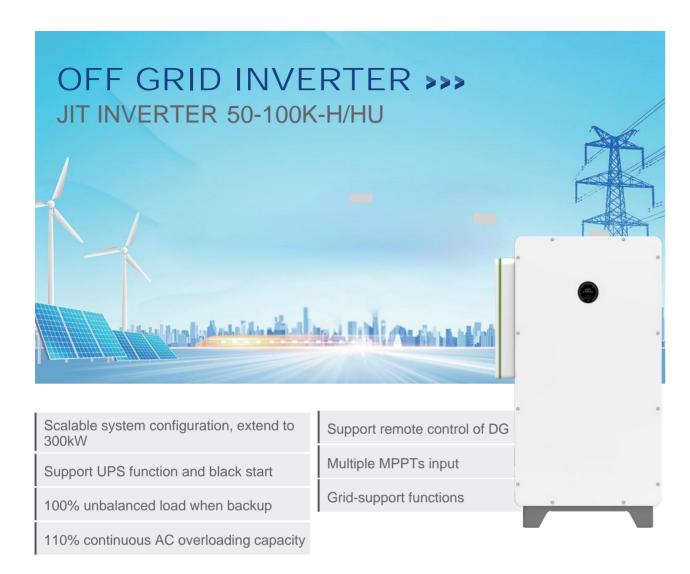
Technical parameters

| | JH8KTL3-X2(Pro) | JH10KTL3-X2(Pro) | JH12KTL3-X2(Pro) | JH15KTL3-X2(Pro) |
|------------------------------------|-----------------|------------------|------------------|------------------|
| Input data (DC) | | | | |
| Maximum DC input power | 12000W | 15000W | 18000W | 22500W |
| Maximum DC input voltage | 1100V | | | |
| Start-up voltage | 160 | | | |
| MPPT operating voltage range/rated | 140-1000V/600V | | | |
| input voltage | 140-10007/0007 | | | |
| MPPT current per channel | 20A | | | |
| MPPT number/number of MPPT | 2/1+1 | | | |
| strings per channel | | Ζ. | 1,1 | |

Technical parameters/



| | | | \times | | |
|-------------------------------------|----------------------------|----------------------|-------------------------|---------------|--|
| Output data (AC) | | | | | |
| Rated AC output power | 8000W | 10000W | 12000W | 15000W | |
| Maximum AC output power | 8800VA | 11000VA | 13200VA | 16500VA | |
| Maximum AC output current | 13.3A | 16.7A | 20A | 25A | |
| Rated output voltage/range | | 400V | /340-440V | | |
| Rated grid frequency/range | 50Hz,60Hz/±5Hz | | | | |
| Power factor | | > | 0.99 | | |
| Power factor adjustment range | | 0.8 Leadir | ıg - 0.8 Lagging | | |
| THDi | | < | <3% | | |
| AC connection type | | 3W | +N+PE | | |
| Efficiency | | | | | |
| Maximum efficiency | | 0 | .986 | | |
| China efficiency | | 0 | .981 | | |
| MPPT efficiency | | 0 | .999 | | |
| Equipment protection | | | | | |
| DC reverse polarity protection | | Po | essess | | |
| DC input switch | Possess | | | | |
| DC/AC surge protection | Class II/Class II | | | | |
| Insulation impedance detection | | Po | ssess | | |
| Anti-islanding protection | | Po | essess | | |
| AC short circuit protection | | Po | ssess | | |
| Power fault detection | | Ор | otional | | |
| General data | | | | | |
| Dimensions (width/height/thickness) | | 425/3 | 87/178mm | | |
| Weight | | 10 | 6.5kg | | |
| Operating temperature range | | -30° | C ~60 °C | | |
| Maximum altitude | | 40 | 000m | | |
| Nighttime self-consumption | | < | <1W | | |
| Topology | | No tra | ansformer | | |
| Cooling method | | Natur | al cooling | | |
| Protection level | | I | P66 | | |
| Relative humidity | | 0~100%, r | no condensation | | |
| Features | | | | | |
| DC input connector | H4/MC4(Optional) | | | | |
| AC output connector | | Waterproof PG o | connector + OT terminal | | |
| Display | | OLED+L | ED/WIFI+APP | | |
| Communication interface: USB/RS485 | Possess/Possess/ | | | | |
| WIFI/GPRS/4G/LAN | Optional/Optional/Optional | | | | |
| Warranty: 5 years/10 years | | Standa | rd/Optional | | |
| | CQC,IE | EC/EN 62109,IEC/EN 6 | 61000,IEC 61683/60086 | G,G98/99,DRRG | |
| | | | | | |



| Datasheet | JIT 5 K-H JIT 50K-HU | JIT 6 K-H JIT 6 K-HU | JIT 75K-H JIT 75K-HU | JIT 100K-H JIT 100K-HU |
|---|-------------------------|-------------------------|-------------------------|---------------------------|
| Input data(PV) | | | | |
| Max.recommended PV power (for module STC) | 109.2kW | 124.8kW | 156kW | 156kW |
| Startvoltage | | 19 | 5V | |
| Max.Input Voltage | | 110 | 00V | |
| MPPT nominal voltage/range | 550V,180V~800V | | | |
| Max.input current per MPP tracker | | 32 | | |
| Max.short-circuit currentper MPP tracker | | 40 | | |
| No.of PV strings per MPP tracker | | | 2 | |
| No.of MPP trackers | 7 | 8 | 10 | 10 |
| Output data(AC) | | | | |
| AC nominal power | 50kW | 63kW | 75kW | 100kW |
| Max.AC apparent power | 55kVA | 69.3kVA | 82.5kVA | 110kVA |
| Nominal AC voltage/range | | 380/400/415\ | /,-15%~+10% | |
| Nominal AC grid frequency/range | | 50/60Hz,45-5 | 5Hz/55-65Hz | |
| Max.output current | 83.3A | 105A | 125A | 166.7A |
| Adjustable power factor | | -1 | | |
| THDi | | | 3% | |
| AC grid connection type | | 3P3W+PE | /3P4W+PE | |

Technical parameters/



| - | | | V | |
|--|-----------------------------------|-------------------------|---------------------------------------|---------------------------|
| Datasheet | JIT 50K-H JIT 50K-HU | JIT 63K-H JIT 63K-HU | JIT 75K-H JIT 75K-HU | JIT 100K-H JIT 100K-HU |
| put data(AC) | 50114/400114/ | 001111/400111/ | 75111/45011/ | 400134/000134/ |
| AC nominal power | 50kW/100kW | 63kW/126kV | 75kW/150kV | 100kW/200kW |
| Max. AC apparent power | 55kVA/100kVA | 69.3KA/126KVA | 82.5kVA/150KVA | 110kVA/200kVA |
| Nominal AC voltage/range | | | /,-15%~+10% | |
| Nominal AC grid frequency/range | | | 55Hz/55-65Hz | |
| Max. input current | 83.3A/151.5A | 105A/190.9A | 125A/227.3A | 166.7A/303A |
| attery data(DC) | =0 =1011 | = 4 41044 | 0= 41044 | 4.40 =1.044 |
| ontinuous charging and discharging power | 56.7KW | 71.4KW | 85.1KW | 113.5KW |
| Battery voltage range | 600 | | /680-1000V (for 3P4W) | |
| Recommended battery voltage | | | 8V | |
| Max charging and discharging current | 83.3A | 105A | 125A | 167A |
| BMS communication | | RS48 | 5/CAN | |
| ackup power(AC)* | | | | |
| Rated AC output power | 50kW | 63kW | 75kW | 100kW |
| Max. AC apparent power | 60kVA | 75.6kVA | 90kVA | 120kVA |
| Rated AC output voltage | 22 | | ,380V/400V/415V(L - L) | |
| Nominal AC output frequency | | 50V6 | 60 Hz | |
| Load connection | | 1+WE | N+PE | |
| Max. output current | 90.9A | 114.5A | 136.4A | 181.8A |
| THDY | | <3%(Lin | ear load) | |
| Load unbalance | | 100% three-pha | ase unbalanced | |
| Overload capacity | ≤110° | %:Continues;110%~ | 120%:<1min;>120%:200 | ms |
| On/off grid transfer time | | ≤2 | 0ms | |
| fficiency | | | | |
| Max. efficiency | | 98 | 3% | |
| rotection devices | | | | |
| PV reverse polarity protection | | Ye | es | |
| Battery reverse protection | | Ye | es | |
| AC/DC surge protection | | Ту | rpe II | |
| Insulation resistance monitoring | | Υ | es es | |
| Ground fault monitoring | | Ye | es | |
| Grid monitoring | | Ye | es | |
| Residual-current monitoring unit | | Ye | es | |
| AC short-circuit protection | | Ye | es | |
| Strings monitoring | | Ye | es | |
| Anti-islanding protection | | Ye | es | |
| PID protection | | Ye | es | |
| AFCI function | | 0 | pt | |
| ieneral | | | | |
| Dimensions (W / H / D) | | 820/1350 | 0/510mm | |
| Weight | 153kg | 153kg | 160kg | 160kg |
| Operating temperature range | 3 | - | 50°℃, derating) | 3 |
| Relative humidity | | | 00% | |
| Altitude | | | 00m | |
| Topology | | | | |
| Cooling | Transformerless Smart air cooling | | | |
| IP degree | | | _ | |
| Display | IP66 | | | |
| Interfaces: RS485/CAN/USB | OLED+LED/APP Yes | | | |
| Interfaces: WiF/4G/LAN-X | | | opt Spt | |
| | | | • | |
| Warranty (5/10 years) | | Yes | s/Opt | |

^{*} The parameter of backup power is only available for WIT 50-100K-HU model.

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Low voltage series lithium battery modules

JHB-L1 series rack type lithium iron phosphate battery



Product introduction >>

This product is composed of high-quality lithium iron phosphate cells (by series and parallel) and advanced BMS management system. It can be used as an independent DC power supply or as a "basic unit" to form a variety of energy storage lithium battery power systems, with high reliability and longer life. It can be used as backup power supply of communication base station, backup power supply of digital center, ho usehold energy storage power supply, industrial energy storage power supply, etc. It can be seamlessly con nected with main equipment such as UPS and photovoltaic power generation.







Small size and light weight

Screen direct selection of inverter communication

Standard cycle life is more than 5000 times





Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code



Easy for installation and maintenance



Accurately estimate the state of charge of the battery, that is, the remaining battery power, to ensure that the battery power is maintained within a reasonable range

Product parameter >>

| Model | JHB24V-200AH | JHB48V-100AH-R (voltage optional51.2V) | JHB48V-200AH-R (voltage optional51.2V) | |
|--|----------------------------|---|---|--|
| Nominal voltage(V) | 25.6 | 48 | | |
| Nominal capacity(Ah) | 210 | 105 | 210 | |
| Nominal energy capacity(kWh) | 5.3 | 5 | 10 | |
| Operating voltage range(V) | 22.4-29.2 | 52-5 | 4.75 | |
| Recommended charging voltage(V) | 28 | 52 | 2.5 | |
| Recommended discharge cut-off voltage(V) | 24 | 45 | | |
| Standard Charging Current(A) | 100 | 50 | 100 | |
| Maximum continuous charging current(A) | 200 | 100 | 200 | |
| Standard Discharge Current(A) | 100 | 50 | 100 | |
| Maximum discharge current(A) | 200 | 100 | 200 | |
| Applicable temperature(°C) | -3 | 30~60(10~35recommende | ed) | |
| Permissible humidity range(%RH) | | 0~95Nocondensation | | |
| Storage temperature(°C) | -2 | 20~65(10~35recommende | ed) | |
| Protection level | | IP20 | | |
| Cooling method | Naturalaircooling/smartfan | | | |
| Life cycles | 80%DOD5000+times | | | |
| Maximum size (D*W*H)mm | 596*545*155 | 540*545*155 | 610*510*246 | |
| Weight(kg) | 48 | 44.5 | 88.3 | |

Note: The above data is for reference only and is subject to change without prior notice. Customized requirements such as Bluetooth and 1C charging and discharging need to be communicated with engineers.



Low voltage series lithium battery modules

JHB-L2 series rack type lithium iron phosphate battery

Product introduction >>

The product adopts modular design, higher integration, saves installation space; adopts high-performance lithium iron phosphate positive electrode material, the battery cell has good consistency, and the designed service life is more than 10 years; one-key switch machine, front operation, front wiring, easy installation, convenient maintenance and operation; various functions, over-temperature alarm protection, over-charge and over-discharge protection, short-circuit protection; strong compatibility, seamless connection with UPS, photovoltaic power generation and other main equipment; various forms of communication interfaces. CAN/RS485, etc. can be customized according to customer needs, which is convenient for remote monitoring and flexible use of the system. High-energy, low-power lithium-ion battery equipment achieves higher energy supply, lower energy consumption, and reduces environmental pollution; all-round, multi-level battery protection strategies and fault isolation measures are adopted to ensure the safe operation of the system.





Standard configuration with LCD display, real time knowing battery status, Screen direct selection of inverter communication

Environmentally friendly non-polluting materials, free of heavy metals, green and environmentally friendly

Standard cycle life is more than 5000 times

Remote viewing error, online software upgrade





| Model | JHB48V-100AH-W | JHB48V-200AH-W | |
|--|--------------------------|--------------------------|--|
| Wodel | (voltage optional 51.2V) | (voltage optional 51.2V) | |
| Nominal voltage (V) | 4 | 8 | |
| Nominal capacity (Ah) | 105 | 210 | |
| Nominal energy (kWh) | 5 | 10 | |
| Operating voltage range | 42-5 | 4.75 | |
| Recommended charging voltage (V) | 52 | 5 | |
| Recommended discharge cut-off voltage (V) | 45 | | |
| Standard Charging Current (A) | 50 | 100 | |
| Maximum continuous charging current (A) | 100 | 200 | |
| Standard Discharge Current (A) | 50 | 100 | |
| Maximum discharge current (A) | 100 | 200 | |
| Applicable temperature (°ℂ) | -30~60(10~35 | recommended) | |
| Permissible humidity range (%rh) | 0~95 No c | ondensation | |
| Storage temperature (° C) | -20~65(10~35 | recommended) | |
| Class of protection | IP: | 20 | |
| Cooling mode | Natural air cooling | | |
| Cycle number | 80% DOD 5000+ times | | |
| Max. dimension of wall-mounted (D x W x H)mm | 628*410*186 | 682*465*276 | |
| Weight (kg) | 45.7 | 89.6 | |
| | | | |



Low voltage series lithium battery modules

Low voltage multiple parallel system



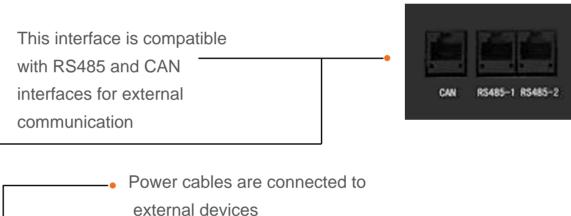
Product introduction >>

RS485 communication cable is connected to each battery pack, RS485 output interface can be connected to the PC, can interface for external communication, a maximum of 16 battery packs can be connected in parallel.



The following is the connection scheme of 10 battery pack parallel machines.

The system supports a maximum of 16 parallel batteries and automatically assigns battery addresses without DIP switches >>



The RS485 1/-2 port is used for communication between battery packs





JSM Series Battery



Product introduction >>

Lighter, safer and more durable

Long life * Portable

Competitive prices

Maintenance free



Product Parameter>>

| JASICPARAMETERS | B SM12104LPABS | B SM12208LPABS | B SM24104LPABS | | |
|---|-----------------------|------------------------|-----------------------|--|--|
| Nominal Voltage(V) | 12.8 | 12.8 | 25.6 | | |
| Nominal Capacty(KWH) | 13.3 | 26.6 | 26.6 | | |
| Usable Capacity(KWH) | 11.9 | 23.9 | 23.9 | | |
| Discharge Voltage(V) | 10 | 10 | 20 | | |
| Charge Voltage(V) | 14.6 | 14.6 | 29.2 | | |
| Recommend Charge/ Discharge Current(A) | 100 | 200 | 100 | | |
| Max.Charge/Discharge Current(A) | 100 | 200 | 100 | | |
| RecommendCharge/ DischargeCurrent(A) | 100 | 200 | 100 | | |
| PeakCharge/Discharge Current(A) | 120(15S) | 240(15S) | 120(15S) | | |
| Communicaiton | | RS485/CAN | | | |
| Working Temperature | 0°C-50°0 | C Charge;-10℃-50℃ Dish | arge | | |
| Shelf Temperature | -20°C-60°C | | | | |
| Certification | CE/IEC/UL/UN38.3/MSDS | | | | |
| Design Life | | 10 years+ | | | |
| Cycle Life | | >6000 | | | |
| | | | | | |



LITHIUM BATTERY CLUSTER ENERGY STORAGE SYSTEM

BAT/SW BAT/SW DISONG

Product Introduction >>

JBP-H2 series battery products are designed for industrial and commercial emergency power supply, peak cutting and valley filling, remote mountainous areas, islands and other weak electric power supply and development of high-voltage large-capacity system. The lithium iron phosphate cell and customized BMS system are used to effectively manage the cell, which has more excellent product performance and safety reliability than the traditional battery. Diversified communication interface and software protocol library, so that the battery system can be directly matched with the mainstream inverter on the market communication. The product has many charge and discharge cycles, high power density and long service life. Unique design and innovation in compatibility, energy density, dynamic monitoring, safety, reliability and product appearance can bring users a better energy storage application experience.

- Modular design, higher integration, saving installation space
- High performance lithium iron phosphate anode material, good consistency, design life of more than 10 years
- One-button switch, front operation, front wiring, convenient installation and maintenance, convenient operation
- Various functions, over temperature alarm protection, over charge and over discharge protection, short circuit protection
- Strong compatibility, can be seamlessly connected with UPS, photovoltaic power generation and other main equipment
- Various communication interfaces, such as CAN/RS485, CAN be customized according to customer needs to facilitate remote monitoring of the system
- Flexible use, can be used as an independent DC power supply, can also be used as a basic unit to form a
 variety of specifications of energy storage power system and container energy storage system. It can be
 used as backup power supply of communication base station, backup power supply of digital center, home
 energy storage power supply, industrial energy storage power supply, etc







Lithium battery pack parameter table >>

| Model | JBP 9650 | JBP 48100 | JBP 32150 | JBP 96100 | JBP 48200 | JBP 32300 |
|------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| Cell Type (Ah) | | 52 | | | 105 | |
| Nominal energy (kWh) | | 5 | | | 10 | |
| Nominal capacity(Ah) | 52 | 104 | 156 | 105 | 210 | 300 |
| Nominal voltage(VDC) | 96 | 48 | 32 | 96 | 48 | 32 |
| Operating voltage range(VDC) | 87~106.5 | 43.5~53.2 | 29~35.5 | 87~106.5 | 43.5~53.2 | 29~35.5 |
| Workingtemperature(°C) | -20~65 | | | | | |
| Protection level | IP20 | | | | | |
| Reference weight (kg) | 47.1 86.6 | | | | | |
| Reference size(D*W*H)mm | | 630*475*16 | 2 | | 640*510*25 | 2 |

Note: The battery pack is used with the system, the cycle life is ≥5000 working conditions, 25°C, 80%DOD; special voltage can be consulted and selected; the system with different voltage and capacity registration can be configured according to the batterypack specifications.

Lithium battery cluster voltage platform parameter table >>

| Model | Nominal voltage(V) | Nominal capacity(Ah) | Operating voltage range(VDC) | Recommended charge and discharge current (A) |
|--------------------|-----------------------|----------------------|------------------------------|--|
| JBP 96100/200/300 | 96 | | 87~106.5 | |
| JBP 192100/200/300 | 192 | | 174~213 | |
| JBP 220100/200/300 | 220 | | 200~245 | |
| JBP 288100/200/300 | 288 | | 260~319.5 | |
| JBP 360100/200/300 | 360 | | 325~400 | |
| JBP 384100/200/300 | 384 | 100/200/300 | 348~426 | 50/100/150 |
| JBP 480100/200/300 | 480 | | 435~532 | |
| JBP 512100/200/300 | 512 | | 464~568 | |
| JBP 576100/200/300 | 576 | | 522~639 | |
| JBP 672100/200/300 | 672 | | 609~745.5 | |

Note: See attachment for detailed parameters, special voltage and capacity can be customized.



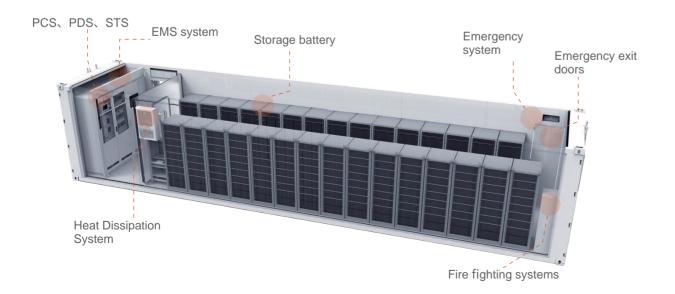
CONTAINERIZED ENERGY STORAGE SYSTEM

Product Introduction >>

The containerized energy storage system includes:BESS, bidirectional power conversion system (PCS), DC conversion system (PDS), microgrid switching system (STS), energy management system (EMS), auxiliary power distribution system, air conditioning system, and fire protection.

Performance advantage >>

- According to customer needs, the type and capacity of the battery system can be flexibly configured
- PCS adopts modular, power frequency overall architecture, simple maintenance, flexible configuration, and can realize multiple parallel machines
- Supports on-grid and off-grid operation mode, seamless switching, and supports black start
- EMS unattended system, local control, cloud monitoring operation, with highly customizable functions
- With peak shaving and valley filling, demand response, anti-reverse flow operation, backup power supply, command response and other modes
- With a complete gas fire extinguishing system and automatic fire monitoring and alarm system, sound and light alarm and fault transmission
- With a complete heat dissipationand temperature control system to ensure that the temperature of the battery compartment is within the optimal working range
- The access control system has remote control and on-site operation functions



Product parameter >>

| Product paramete | El >> | | | | |
|----------------------------|---------------------------|-----------------------------|-----------------------|--|--|
| Model | 10ft | 20ft | 40ft | | |
| Output voltage (V) | 380/400±15% | | | | |
| Grid frequency (Hz) | | 50/60(±2.5) | | | |
| Output power (kW) | 50~100 | 50~500 | 250~630 | | |
| Battery capacity(kWh) | 50~400 | 200~1500 | 800~3000 | | |
| Battery Type | I | ithium iron phosphate batte | ery | | |
| Dimensions (D*W*H)mm | Inner:2831*2352*2385 | Inner:2352*5898*2385 | Inner:2352*12032*2385 | | |
| Dimensions (D. M. H)IIIII | Outer:2438*2991*2591 | Outer:2438*6058*2591 | Outer:2438*12192*2591 | | |
| Protection level | | IP54 | | | |
| Humidity range (%RH) | | 0~95 | | | |
| Altitude (m) | | 3000 | | | |
| Operating temperature (°C) | | -20~50 | | | |
| Battery voltage range (V) | | 250~850 | | | |
| Maximum DC current (A) | 200 | 750 | 1500 | | |
| Connection method | 3P4W | | | | |
| Power factor | | -1~1 | | | |
| Communication method | RS485,CAN,Ethernet | | | | |
| Isolation method | Power frequency isolation | | | | |

Note: The above data are subject to change without prior notice.



Project Pictures







• Module: 76.8NESP250

Rack: LFP 1152V 250Ah Total: 455 Racks

• Container: 22*45ft

Application: Wind and storage

Commissioning Date: 2023 Nov.

Location: Abilene, Texas



Rated Energy of LFP Battery: 71MW/129MWh

Module: 76.8NESP250

Rack: LFP 1152V 250Ah Total: 448 Racks

Container: 22 units of CON20 and CON30

Application: PV and storage

Commissioning Date: 2023 Nov.

Location: Texas



Project Pictures







• Module: 76.8NESP250

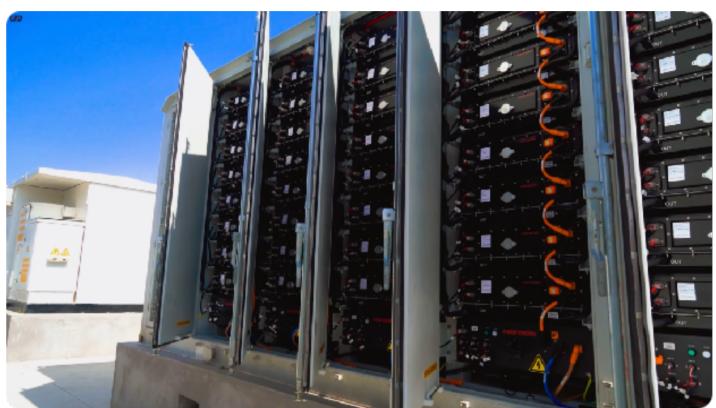
Rack: LFP 1152V 250Ah Total: 448 Racks

Container: 22 units of CON20 and CON30

Application: PV and storage

• Commissioning Date: 2023 Dec.

Location: Texas



BESS Rated Power: 100MW;

Rated Energy of LFP Battery: 200MWh;

Application: PV and storage

Commissioning Date: 2023

Project Pictures







Rated Energy of LFP Battery: 125MWh;

Application: PV and storage

• Commissioning Date: 2022



BESS Rated Power: 70MW;

Rated Energy of LFP Battery: 340MWh;

Application: Grid Scale Frequency Regulation

• Commissioning Date: 2023 Dec.



SERVICE SUPPORT

JHPVTECH believes that high-quality customer service is crucial for improving customer satisfaction and loyalty, which is conducive to retaining old customers, attracting new customers, and strengthening cooperative relationships with all the customers. With a professional service team, Renesola provides customers with world-class, high-quality, efficient, and professional pre-sales technical service, after-sales problem solution, training program, consultation, and complaint handling, which brings the best experience to customers.

Global Network, Local Support

As a world leading manufacturer of PV modules, we will proceed to expand our global network of production, logistics, sales and service, to meet the demand of customers all over the world. In various regions, Renesola has built a service team with decades of experiences in PV industry, which is capable of communicating with customers in local languages and providing customers with timely service response and solution just like in the same time zone.

Customer Satisfaction Surveys And Complaint Management

JHPVTECH attaches great importance to customer opinions and suggestions. We conduct regular and irregular customer satisfaction surveys every year, to ensure customer demands are fully figured out and solved. We will invite customers to conduct on-line surveys or one-on-one interviews every year, moreover, the Customer Communication Management (CCM) will timely sort all complaints, to ensure solve the problems timely.

PROFESSIONAL TECHNICAL SUPPORT

Experienced engineer team provide excellent solution and support for you.

FASTER LOGISTICS

As a professional partner, deliver our products to your warehouse or directly to the project location.





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