





Residential Energy Storage System

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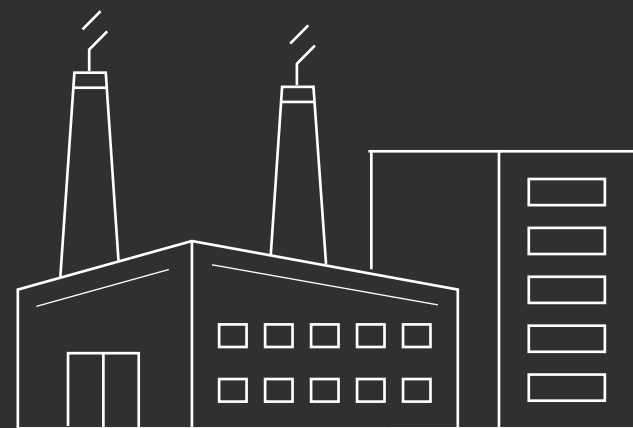
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ABOUT JNTECH

JNTECH is a global leader in advanced micro-grid solutions, committed to providing reliable and sustainable energy systems that address the unique challenges of diverse regions worldwide. Since our founding in 2006, we have focused on providing stable, affordable, and sustainable power through green energy for more people. To achieve this, we have developed a diverse portfolio of solutions that can adapt to different markets and needs. Currently, our products are sold in over 100 countries and regions.

As a leading manufacturer and provider of solar and new energy products, JNTECH specializes in innovative technologies to meet a wide range of energy requirements. Our solutions include home energy storage systems, solar water pumping systems, solar oil extraction systems, solar mining systems, solar irrigation systems, electric vehicle charging systems, and other micro-grid solutions. These solutions incorporate both our proprietary products and those from other providers, ensuring comprehensive support for agriculture, remote power, and carbon footprint reduction.

With extensive experience and technical expertise in photovoltaic micro-grid projects, JNTECH has established strong partnerships with organizations such as the World Bank, United Nations, IBRD, FAO, and various NGOs. These collaborations underscore our commitment to advancing sustainable energy solutions on a global scale. We believe that the widespread adoption of clean energy will enhance convenience and development opportunities for communities worldwide.



Qualifications and Honors

- ▶ National Standard Drafter
- ▶ United Nation Global Marketplace Supplier
- ▶ Specialized and New Enterprise
- ▶ National High-Tech Enterprise
- ▶ National Innovative SME
- ▶ Anhui Province Specialized in Special New Enterprises
- ▶ CE, TUV, ISO9001, ISO14001, and OHSAS18001 Certifications

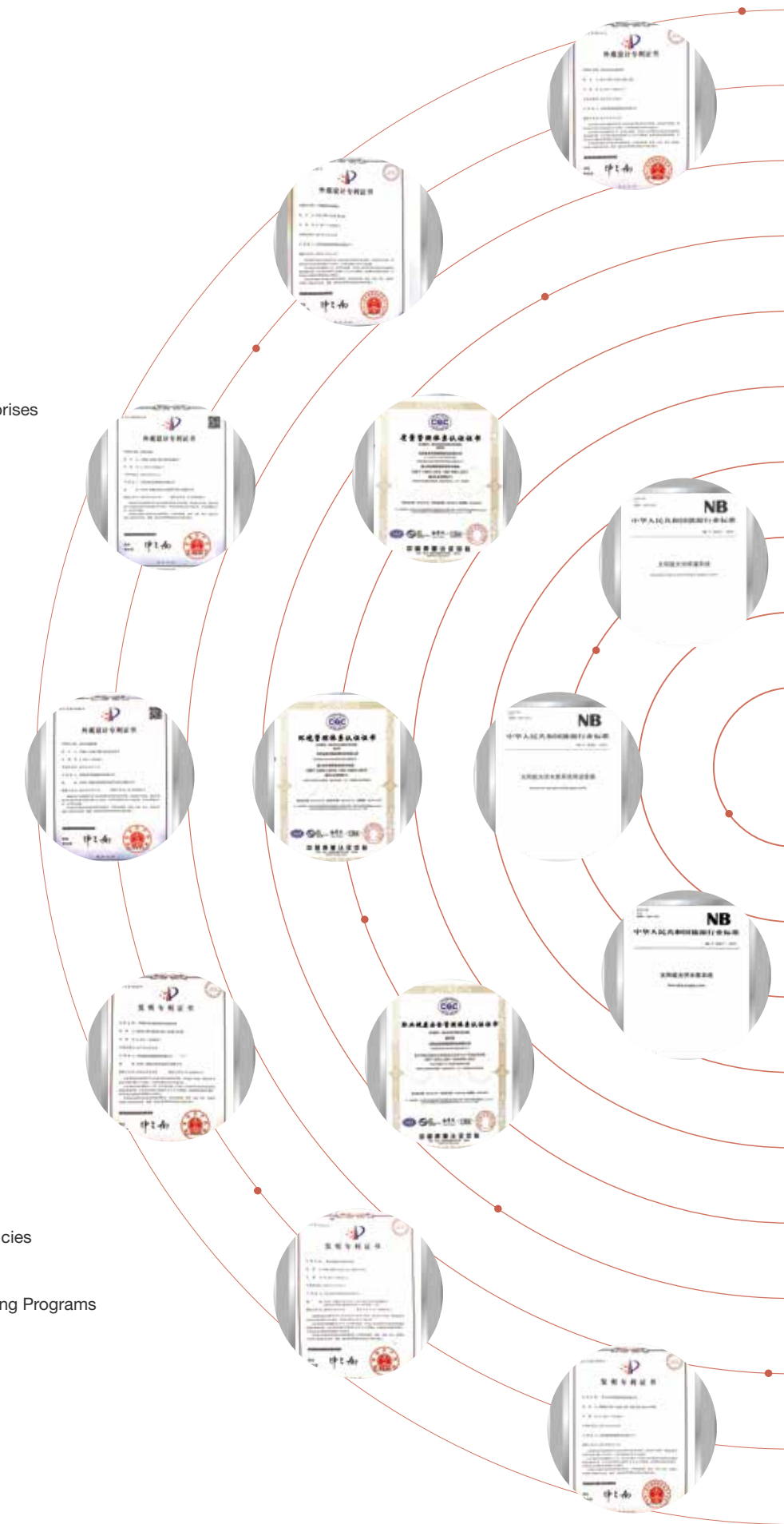
Service

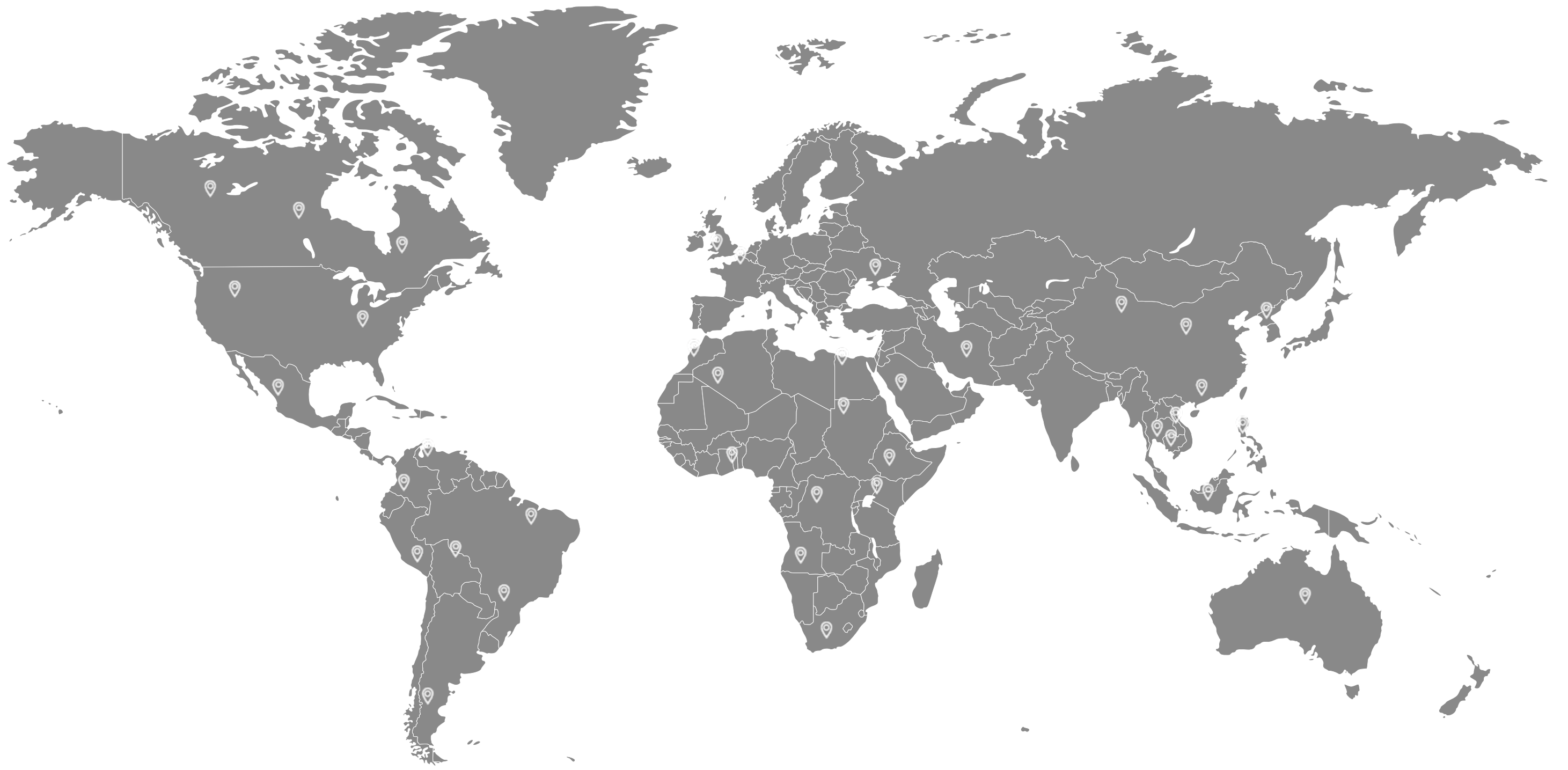
Pre-sales

- ▶ Investment Consultation
- ▶ Site Selection Assistance
- ▶ Customized Design Solutions
- ▶ Site Construction Support
- ▶ Operations and Maintenance Planning

After-sales

- ▶ Standardization of Workflow, Operations, and Policies
- ▶ Technical Services, Marketing Support, and Training Programs
- ▶ Collaborative Platform for Technical Exchanges
- ▶ Creating Value through Win-Win Cooperation
- ▶ 24/7 Online Support and Service





GLOBAL SALES NETWORK

15+

Years of Experience in Solar Industry

40%+

R&D Employees

100+

Countries and Regions

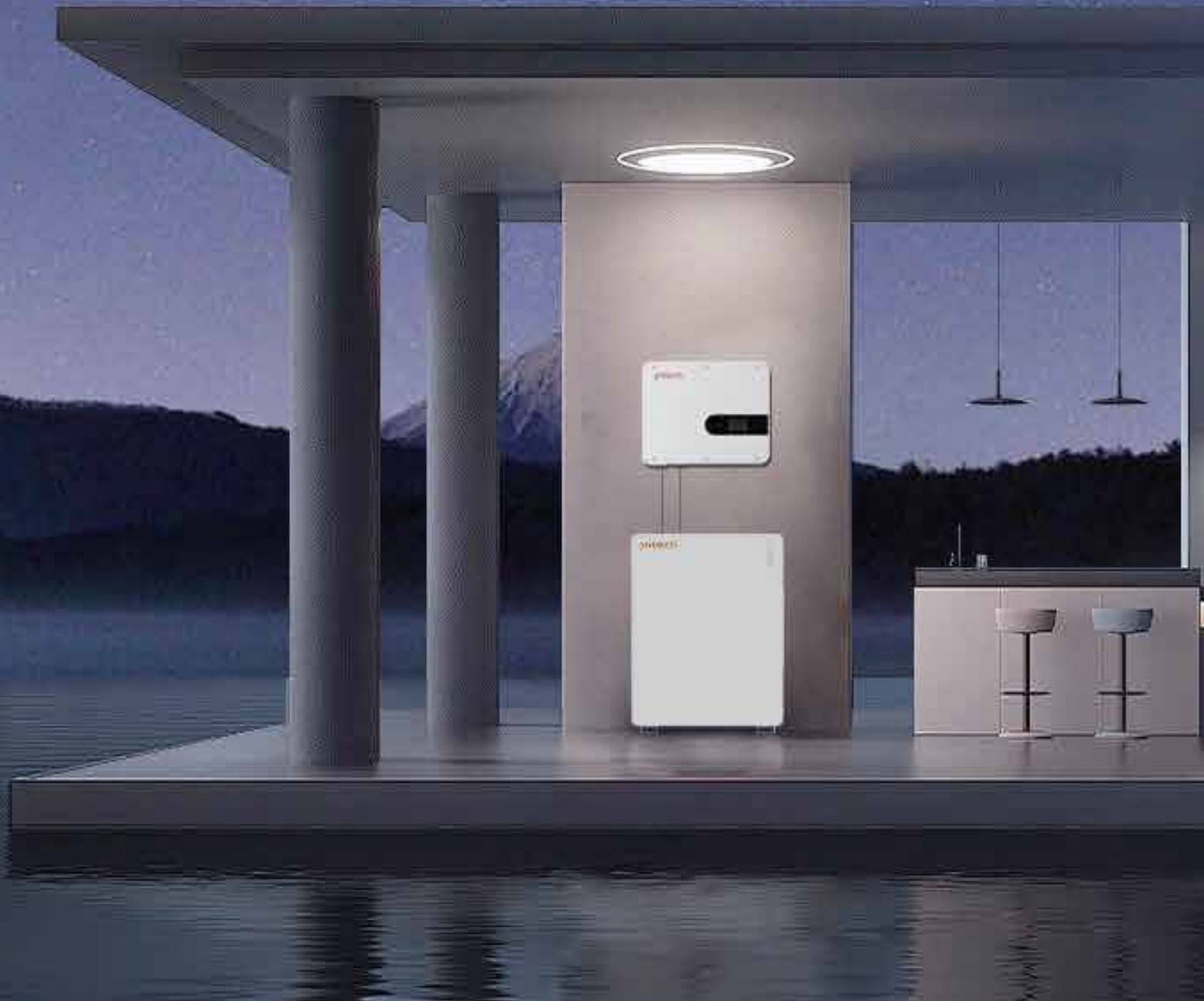
10,000+

Global Clients

1,000,000+

Products Sold

RESIDENTIAL ENERGY STORAGE SYSTEM



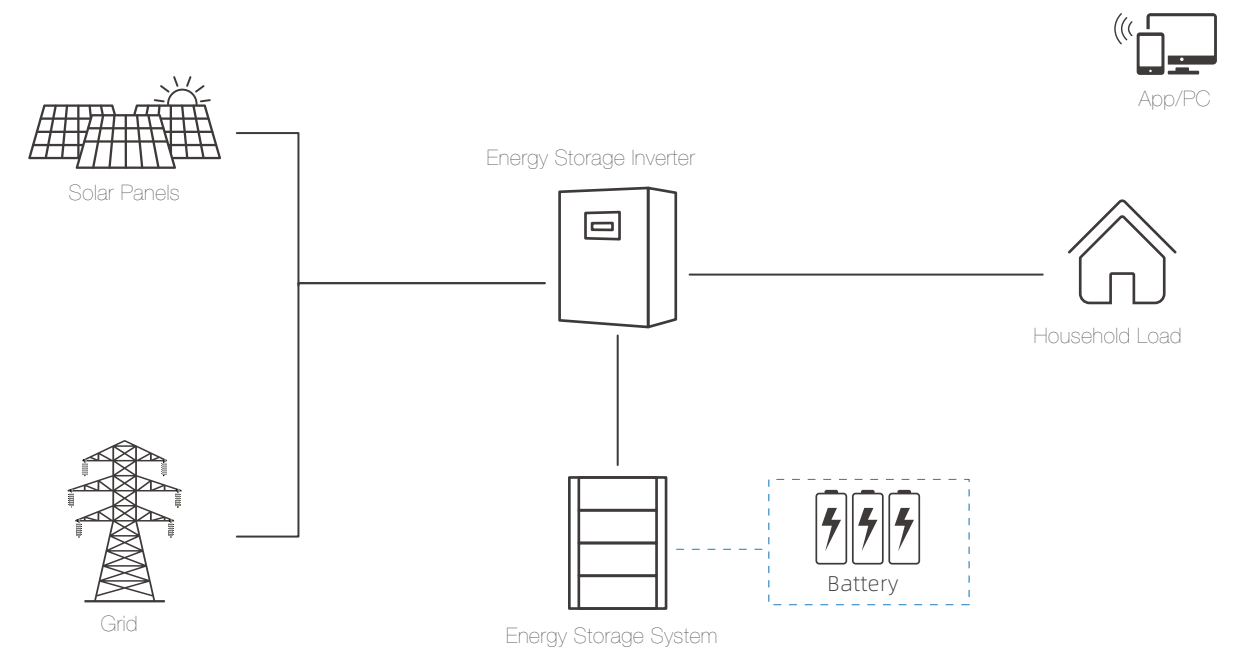
Overview of the Residential Energy Storage System

JNTech's Residential Energy Storage System is a cutting-edge solution designed to meet the growing demand for sustainable, stable, and reliable home energy management. This system integrates advanced battery technology with intelligent energy management software, offering homeowners the ability to store excess solar energy generated during the day and use it when needed, ensuring a stable and uninterrupted power supply while maximizing energy efficiency.

Key benefits:

- Stable Power Supply:**
 The system ensures continuous, reliable power even during grid outages or instability, offering peace of mind for homeowners.
- Cost Savings:**
 The system allows users to optimize energy usage by storing cheaper, off-peak electricity and utilizing it during peak periods, significantly lowering energy bills.
- Scalable Design:**
 The modular architecture of the system allows it to be tailored to the specific energy needs of any household, providing flexible capacity options for different usage scenarios.
- Energy Independence:**
 By storing excess energy, homeowners can reduce their reliance on the grid, particularly during peak hours or in the event of power disruptions.
- Eco-Friendly:**
 By maximizing the use of solar energy and minimizing dependence on fossil fuels, the system helps reduce the household's carbon footprint.
- Smart Energy Management:**
 Integrated with advanced energy monitoring and management software, the system enables real-time data tracking and remote control, giving users full visibility and control over their energy usage.

System Diagram



PRODUCTS AND SPECIFICATIONS

ENERGY STORAGE PRODUCTS LIST

Battery Module — Rack Design



Model
JNB048100-H-V3
5.12kWh Lithium Battery
(Rack Design)



Model
JNB048100-S-V1
5.12kWh Lithium Battery
(Rack Design)

Low-Voltage Mobile Batteries



Model
JNB051280-P
14.3kWh Lithium Battery
(Mobile Design)

Wall-Mounted Battery



Model
JNB025100-W
2.56kWh Lithium Battery



Model
JNB051100-W
5.12 kWh Lithium Battery



Model
JNB051200-W
10.24 kWh Lithium Battery

INVERTER PRODUCT LIST

Solar Control Inverter Integrated Machine



Model:
JNF1K2LF-X-V1
1.2 kW Inverter



Model:
JNF1K6LF-X-V1
1.6 kW Inverter

Solar Control Inverter Integrated Machine



Model:
JNF3KLF-X-V1
(Power-frequency inverter)
3 kW Inverter



Model:
JNF11KHF-X-V1
11 kW Inverter

Single Phase Hybrid Energy Storage Inverter



Model:
JNF2K4LF-X-V1
2.4 kW Inverter



Model:
JNF3KHF-X-V1
3 kW Inverter



Model:
JNS6KLV
6 kW Hybrid Inverter



Model:
JNF5KHF-X-V1
5 kW Inverter



Model:
JNF6K2HF-X-V1
6.2 kW Inverter



Features:

- Uses lithium iron phosphate battery for increased safety and prolonged cycle life.
- Offers customized solutions for residential, commercial, and industrial energy storage systems.
- Advanced BMS with three-level protection for comprehensive security.
- Low-voltage design to meet safety and reliability requirements for household use.
- Modular design with automatic operation capabilities.
- Scales easily by connecting up to 16 units in parallel.

| MODEL | JNB048100-H-V3 | JNB048100-S-V1 |
|-----------------------------------|--|----------------|
| Rated capacity | 100Ah | |
| Rated voltage | 51.2V | |
| Rated energy | 5.12kwh | |
| Battery type | LiFePO4 | |
| Max. continuous charge current | 100A (1C) | |
| Max. continuous discharge current | 100A (1C) | |
| Voltage range | 40 ~ 60Vdc | |
| Operating temp | Charge 0~45°C, discharge -25~55°C | |
| Storage temperature | -20~60°C | |
| Size (W*D*Hmm) | 596*195*532mm | 600*485*167 |
| Weight (Kg) | 55Kg | 48Kg |
| Cooling method | Natural air cooling | Forced cooling |
| Protection level | IP30 | IP21 |
| Functional protection | Undervoltage, overvoltage, overcurrent, temperature, short circuit | |
| Installation method | Rack insert | |
| Cycle life | ≥6000(80%DOD 25°C 0.5C/0.5C) | |
| Interface | RS485/CAN | |
| Elevation | ≤3000m | |



Features:

- Adopt lithium iron phosphate battery, which is highly safe and has a long charge and discharge cycle life;
- Built-in advanced BMS, three-level battery management system protection, and perfect protection function;
- Modular design supports automated operation;
- Can provide customized products for household energy storage, industrial and commercial energy storage.

| MODEL | JNB025100-W |
|-----------------------------------|--|
| Rated capacity | 100Ah |
| Rated voltage | 25.6V |
| Rated energy | 2.56kWh |
| Battery type | LiFePO4 |
| Max. continuous charge current | 100A(1C) |
| Max. continuous discharge current | 100A(1C) |
| Voltage range | 21.6V~29.2V |
| Operating temp | Charge 0~50℃, discharge-15~55℃, storage-20℃~55℃ |
| Size (W*D*Hmm) | 458*134*410mm |
| Cooling method | Natural air cooling |
| Weight(Kg) | 25Kg |
| Communication interface | RS485/CAN |
| Protection level | IP30 |
| Function protection | Undervoltage, overvoltage, overcurrent, temperature, short circuit |
| Installation method | Wall Mounted |
| Cycle life | ≥6000(80%DOD 25℃ 0.5C/0.5C) |
| Elevation | ≤3000m |



Features:

- Adopt lithium iron phosphate battery, which is highly safe and has a long charge and discharge cycle life;
- Built-in advanced BMS, three-level battery management system protection, and perfect protection function;
- Modular design supports automated operation;
- Can provide customized products for household energy storage, industrial and commercial energy storage.

| MODEL | JNB051100-W |
|-----------------------------------|--|
| Rated capacity | 100Ah |
| Rated voltage | 51.2V |
| Rated energy | 5.12kWh |
| Battery type | LiFePO4 |
| Max. continuous charge current | 100A(1C) |
| Max. continuous discharge current | 100A(1C) |
| Voltage range | 43.2V~58.4V |
| Operating temp | Charge0~50℃, discharge-15~55℃, storage-20℃~55 |
| Size (W*D*Hmm) | 458*134*585mm |
| Cooling method | Natural air cooling |
| Weight(Kg) | 50Kg |
| Communication interface | RS485/CAN |
| Protection level | IP30 |
| Function protection | Undervoltage, overvoltage, overcurrent, temperature, short circuit |
| Installation method | Wall Mounted |
| Cycle life | ≥6000(80%DOD 25℃ 0.5C/0.5C) |
| Elevation | ≤3000m |



Features:

- Adopt lithium iron phosphate battery, which is highly safe and has a long charge and discharge cycle life;
- Built-in advanced BMS, three-level battery management system protection, and perfect protection function;
- Modular design supports automated operation;
- Can provide customized products for household energy storage, industrial and commercial energy storage.

| MODEL | JNB051200-W |
|-----------------------------------|--|
| Rated capacity | 200Ah |
| Rated voltage | 51.2V |
| Rated energy | 10.24kWh |
| Battery type | LiFePO4 |
| Max. continuous charge current | 100A(0.5C) |
| Max. continuous discharge current | 100A(0.5C) |
| Voltage range | 43.2V~58.4V |
| Operating temp | Charge0~50℃, discharge-15~55℃, storage-20℃~55 |
| Size (W*D*Hmm) | 592*181*777mm |
| Cooling method | Natural air cooling |
| Weight(Kg) | 100Kg |
| Communication interface | RS485/CAN |
| Protection level | IP30 |
| Function protection | Undervoltage, overvoltage, overcurrent, temperature, short circuit |
| Installation method | Wall Mounted |
| Cycle life | ≥6000(80%DOD 25℃ 0.5C/0.5C) |
| Elevation | ≤3000m |



Features:

· Perfect Compatibility

Compatible to most inverter brands on the market

· Safety

BMS & Breaker two Level over protection

· Long Life

10000 cycles long working lifespan

· Compact Design

Mobile type with small footprint

· High quality Cell

Tier one new Grade A only

· Fast Installation

Plug & Play battery interface

| MODEL | JNB051280-P |
|-----------------------------------|--|
| Rated capacity | 280Ah |
| Rated voltage | 51.2V |
| Rated energy | 14.336kWh |
| Battery type | LiFePO4 |
| Max. continuous charge current | 100A(0.35C) |
| Max. continuous discharge current | 100A(0.35C) |
| Voltage range | 43.2V~58.4V |
| Operating temp | Charge 0~50℃, discharge -15~55℃, storage -20℃~55℃ |
| Size (W*D*Hmm) | 832*251*582mm |
| Cooling method | Natural air cooling |
| Weight(Kg) | 102Kg |
| Communication interface | RS485/CAN |
| Protection level | IP30 |
| Function protection | Undervoltage, overvoltage, overcurrent, temperature, short circuit |
| Installation method | Mobile Power |
| Cycle life | ≥6000(80%DOD 25℃ 0.5C/0.5C) |
| Elevation | ≤3000m |

Features:

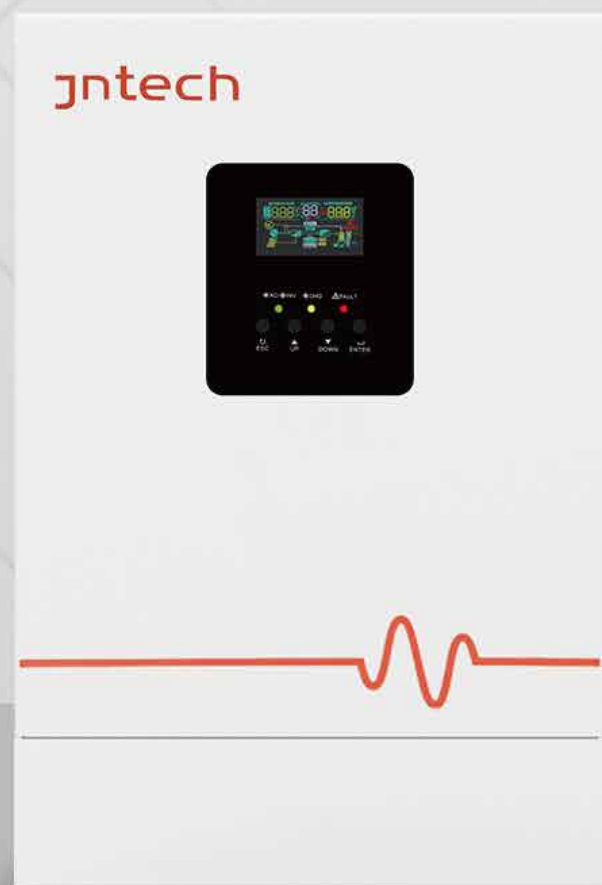
- Lithium battery self-start, better matching lithium battery charging.
- AC input source compatible with the grid and diesel generators, smart control.
- Intelligent power supply mode, intelligently distributing the energy ratio of photovoltaic, grid electricity, and battery.
- Advanced energy management system, adaptable to different application scenarios.
- The charging current can be set to protect the battery and extend its lifespan.
- The battery configuration is diverse, with options for gel batteries or lithium batteries.
- The fuse-free switch battery has a reverse connection protection feature, making installation safer.
- The internal cooling fan has intelligent speed control to extend the fan's lifespan.



| MODEL | JNF1K2LF-X-V1 | JNF1K6LF-X-V1 | JNF2K4LF-X-V1 |
|---------------------------------------|---|---------------|---------------|
| PV INPUT | | | |
| Maximum input DC voltage | 150Vdc | | |
| Maximum input power | 1600W | | |
| MPPT voltage range | 30~150Vdc | | |
| Maximum photovoltaic charging current | 60A | | |
| BATTERY | | | |
| Rated battery voltage | 24Vdc | | |
| Charging voltage | 27.4Vdc | | |
| Battery information | Gel/Lithium | | |
| AC INPUT | | | |
| Rated input voltage | 220Vac | | |
| Frequency range | 50Hz/60Hz±5%(Adaptive) | | |
| Maximum charging current | 20A | 30A | 60A |
| INVERTER OUTPUT | | | |
| Output voltage | 220Vac | | |
| Rated frequency | 50Hz/60Hz±1% | | |
| Rated power | 1200W | 1600W | 2400W |
| Output waveform | Pure Sine Wave | | |
| Load peak ratio | (MAX) 3:1 | | |
| Switching time | ≤20ms | | |
| GENERAL PARAMETERS | | | |
| Packaging dimensions (W*D*Hmm) | 387*200*531mm | | |
| Packaging weight(Kg) | 12.61Kg | 14.89Kg | 16.64Kg |
| OTHER PARAMETERS | | | |
| Protection Level | IP20 | | |
| Noise | ≤45dB | | |
| Cooling Method | Forced cooling | | |
| Operating Temperature | -10~+50℃ | | |
| Storage Temperature | -15~+45℃ | | |
| Operating Environment Humidity | 20%~95% (Non-condensing) | | |
| Display Method | LCD/LED | | |
| Display Content | Display Running Mode, Loads/Input/Output etc. | | |
| Communication Interface | RS232、BMS/RS485 | | |
| Operating altitude | 2000m(>2000m Reduction work) | | |

Features:

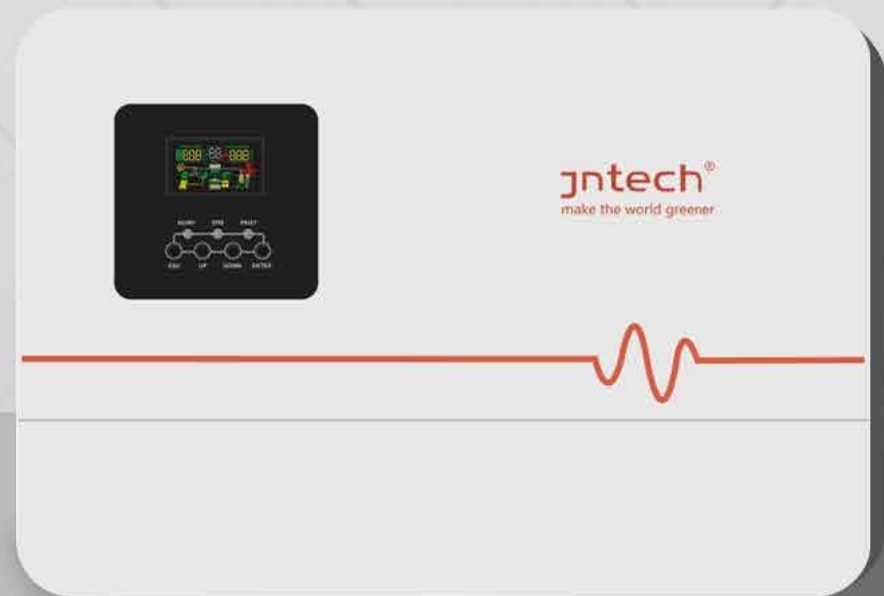
- Lithium battery self-start, better matching lithium battery charging.
- AC input source compatible with the grid and diesel generators, smart control.
- Intelligent power supply mode, intelligently distributing the energy ratio of photovoltaic, grid electricity, and battery.
- Advanced energy management system, adaptable to different application scenarios.
- The charging current can be set to protect the battery and extend its lifespan.
- The battery configuration is diverse, with options for gel batteries or lithium batteries.
- The fuse-free switch battery has a reverse connection protection feature, making installation safer.
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| MODEL | JNF3KHF-X-V1 | JNF5KHF-X-V1 | JNF6K2HF-X-V1 |
|---------------------------------------|---|--------------------|--------------------|
| PV INPUT | | | |
| Maximum input DC voltage | 500Vdc | | |
| Maximum input power | 5000W | 7500W | 7500W |
| MPPT voltage range | 60~500Vdc | | |
| Maximum photovoltaic charging current | 100A | 100A | 120A |
| BATTERY | | | |
| Rated battery voltage | 24Vdc | 48Vdc | 48Vdc |
| Constant voltage charging voltage | 28.2Vdc | 56.4Vdc | 56.4Vdc |
| Float charging voltage | 27Vdc | 54Vdc | 54Vdc |
| Battery information | Gel/Lithium | | |
| AC INPUT | | | |
| Rated input voltage | 208/220/230/240Vac | 208/220/230/240Vac | 208/220/230/240Vac |
| Frequency range | 50Hz/60Hz (Auto Adaptive) | | |
| Maximum charging current | 60A | 100A | 100A |
| INVERTER OUTPUT | | | |
| Output voltage | 208/220/230/240 Vac±5% | | |
| Rated frequency | 50/60Hz±0.1% | | |
| Rated power | 3000W | 5500W | 6200W |
| Output waveform | Pure Sine Wave | | |
| Peak power | 6000VA | 11000VA | 12400VA |
| Transfer Time (adjustable) | Computers (UPS Mode) 10ms, Appliance (APL Mode) 20ms | | |
| GENERAL PARAMETERS | | | |
| Packaging dimensions (W*D*Hmm) | 385*195*565mm | 385*195*565mm | 385*195*565mm |
| Packaging weight(Kg) | 10.4Kg | 11.89Kg | 12.26Kg |
| OTHER PARAMETERS | | | |
| Protection Level | IP20 | | |
| Noise | ≤50db | | |
| Cooling Method | Forced cooling | | |
| Operating Temperature | -10~+50 C | | |
| Storage Temperature | -22~+55 C | | |
| Operating Environment Humidity | 20%~95% (Non-condensing) | | |
| Display Method | LCD | | |
| Display Content | Display Running Mode, Loads/Input/Output etc. | | |
| Communication Interface | RS232、BMS | | |
| Operating altitude | Altitude Not Over 1000m, Derating over 1000m, Max 4000m | | |

Features:

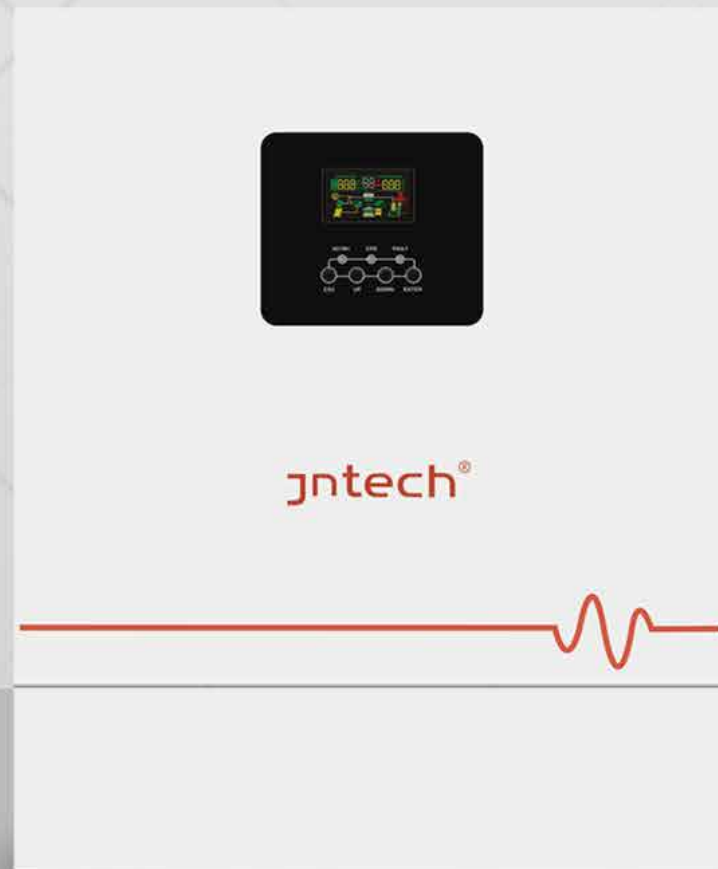
- Lithium battery self-start, better matching lithium battery charging.
- AC input source compatible with the grid and diesel generators, smart control.
- Intelligent power supply mode, intelligently distributing the energy ratio of photovoltaic, grid electricity, and battery.
- Advanced energy management system, adaptable to different application scenarios.
- The charging current can be set to protect the battery and extend its lifespan.
- The battery configuration is diverse, with options for gel batteries or lithium batteries.
- The fuse-free switch battery has a reverse connection protection feature, making installation safer.
- The internal cooling fan has intelligent speed control to extend the fan's lifespan.



| MODEL | JNF3KLF-X-V1 |
|----------------------------------|--|
| INPUT | |
| Voltage (DC) | 24V |
| Nominal Voltage | 220VAC (Standard) |
| Voltage Range | 154-264VAC+3V (APP Mode) 185-264VAC+3V (UPS Mode) |
| Frequency | 50Hz/60Hz+5%(Auto Adaptive) |
| OUTPUT | |
| Watt | 3000W |
| Voltage | The output voltage is the same as the input frequency |
| Frequency | The output frequency is the same as the input frequency |
| Waveform | Pure sinewave |
| Transfer time(AC to DC) | <8ms |
| Transfer time(DC to AC) | <8ms |
| Output voltage regulation | 10%rms |
| Bypass Mode | Yes |
| Saver Mode | Yes |
| Efficiency | >98% |
| PROTECTION | |
| Input Protection | Circuit Breaker |
| Output Protection | Circuit Breaker |
| BATTERY | |
| Battery Type | External lead-acid battery or water battery or lithium battery |
| | Up to 500Ah |
| Charging current | 120Vdc |
| Low Level disconnect(Selectable) | 20V or 21V |
| LCD Indicator status | Input AC, Output AC |
| | Battery DC, Output Load |
| | Alarm, Fault |
| | Battery Charge Level |
| LED Indicator status | Output Frequency |
| | AC Line In:Green |
| | Inverter:Green |
| | Charging:Yellow |
| | Alarm:Red |
| DC high voltage alarm and fault | 31.2V |
| DC high voltage recovery | 30V |

Features:

- Lithium battery self-start, better matching lithium battery charging.
- AC input source compatible with the grid and diesel generators, smart control.
- Intelligent power supply mode, intelligently distributing the energy ratio of photovoltaic, grid electricity, and battery.
- Advanced energy management system, adaptable to different application scenarios.
- The charging current can be set to protect the battery and extend its lifespan.
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| | |
|---------------------------------------|---|
| MODEL | JNF11KHF-X-V1 |
| PV INPUT | |
| Maximum input DC voltage | 500Vdc |
| Maximum input power | 2×5500W |
| MPPT voltage range | 90~500Vdc |
| Maximum photovoltaic charging current | 150A |
| BATTERY | |
| Rated battery voltage | 48Vdc |
| Constant voltage charging voltage | 56.4Vdc |
| Float charging voltage | 54Vdc |
| Battery information | Gel/Lithium |
| AC INPUT | |
| Rated input voltage | 208/220/230/240Vac |
| Frequency range | 50Hz/60Hz (Auto Adaptive) |
| Maximum charging current | 150A |
| INVERTER OUTPUT | |
| Output voltage | 208/220/230/240 Vac±5% |
| Rated frequency | 50/60Hz±0.1% |
| Rated power | 11000W |
| Output waveform | Pure Sine Wave |
| Peak power | 22000VA |
| Switching time | ≤20ms |
| GENERAL PARAMETERS | |
| Packaging dimensions (W*D*Hmm) | 570*241*708mm |
| Packaging weight(Kg) | 22.71Kg |
| OTHER PARAMETERS | |
| Protection Level | IP20 |
| Noise | ≤50db |
| Cooling Method | Forced cooling |
| Operating Temperature | -10~+50 C |
| Storage Temperature | -22~+55 C |
| Operating Environment Humidity | 20%-95% (Non-condensing) |
| Display Method | LCD |
| Display Content | Display Running Mode, Loads/Input/Output etc. |
| Communication Interface | RS232、BMS |
| Operating altitude | Altitude Not Over 1000m, Derating over 1000m, Max 4000m |

Features:

Optimal power and storage

- Maximum efficiency 97.6%
- 16A high current in series, suitable for Bifacial module and high efficiency module
- Maximum charge and discharge current up to 135A, make full use of solar power
- Less than 10ms seamless switch to backup power to ensure the safety of key electrical appliances

Easy installation and operation

- Mobile phone intelligent cloud monitoring, Convenient operation at anytime and anywhere
- Color LCD touch screen for easy operation
- Simple and compact shape, weight, volume, size of the industry's best at same power range

Strong on-load and backup capability

- Max 1.3 times off-grid overload output in 60 seconds
- 110% continuous AC output overload
- Support Max. PV Input Power of 130%
- Support for a diesel generator to charge the battery directly (no additional controller required), with a choice of lithium or lead-acid batteries

Intelligent EMS management

- Support remote software upgradation and customization
- 24/7 operating condition monitoring
- EMS intelligent M intelligent scheduling, optimize the precision of energy scheduling



| MODEL | JNS6KLV |
|--------------------------------------|--|
| PV INPUT | |
| Max. recommended PV array power | 7800 Wp |
| Max. PV array input voltage | 500 v |
| Start-up voltage | 125 v |
| Rated input voltage | 370 v |
| MPPT voltage range | 150~430 v |
| Max. input current per MPPT | 16 A |
| Max. short circuit current per MPPT | 20 A |
| No. of MPPT Tracker / Strings | 2 |
| No. of strings per MPPT | 1 |
| AC GRID | |
| Maximum input apparent power | 9200 VA |
| Rated output power | 6000 W |
| Maximum output apparent power | 6600 VA |
| Rated output voltage | L/N/PE,220/230/240 V |
| Input/output voltage range | 180~300 V |
| Rated output voltage frequency | 50/60 Hz |
| Input/output voltage frequency range | (45~55)/(55~65)Hz |
| Rated output current | 26.1 A |
| Max. input/output current | 40/28.7 A |
| Power factor (Rated) | >0.99 |
| Power factor range | Adjustable from 0.8 overexcited to 0.8 underexcited |
| Max. total harmonic distortion (THD) | <3%(rated power) |
| Grid connection | L/N/PE |
| OFF-GRID OUTPUT (AC) | |
| Rated output power | 6000 W |
| Maximum output apparent power | 6600 VA |
| Rated output voltage | L/N/PE,220/230/240 V |
| Output voltage range | 200~240 V |
| Rated output frequency | 50-60 Hz |
| Rated output current | 26.1 A |
| Max. output current | 28.7 A |
| Max. total harmonic distortion THD | <3% (linear load) |
| On off grid switching time | <10ms |
| BATTERY | |
| Rated output power | 6000 W |
| Max. charge/discharge power | 6000 W |
| Rated voltage | 48 V |
| Battery voltage range | 40~60V |
| Max. charge/discharge current | 135 A |
| Communication interface | CAN/RS485 |
| EFFICIENCY | |
| Max. efficiency | 97.6% |
| MPPT efficiency | 99.9% |
| European efficiency | 96.5% |
| PROTECTION | |
| Integrated protection | Anti-reverse current protection; DC reverse connection protection; input DC switch; insulation impedance detection; GFCI leakage current detection; output short circuit protection; output overcurrent protection; grid monitoring; island protection; residual current detection; off-grid overload. |
| Surge protection | DC Typell,AC Type II |
| DISPLAY AND COMMUNICATION | |
| Display | LCD+LED+APP |
| Communication Interfaces | RS485, 4G (optional), WiFi (optional) |
| GENERAL PARAMETER | |
| Dimension (W*D*Hmm) | 580*232*330 mm |
| Weight (net weight) (Kg) | 20.5 Kg |
| Operating temp. | -25~60°C(derating above 45°C) |
| Noise | <35 dB |
| Cooling method | Intelligent air cooling |
| Mounting | Wall-mounted |
| Protection level | IP65 |
| Warranty | 5 years |
| CERTIFICATIONS | |
| Grid connection standards | IEC 62116/61727,NRS 097-2-1,EN 50549/50438,C 10/11,CEI 0-21,AS 4777.2,UNE 206006/206007, VDE 4105,RD1699/661/413/244/2019,NTS Type A,UNE 217002/217001 |
| Safety standards | EN/IEC 62109-1/2 |
| Other standards | EN/IEC 61000-6-1/3,IEC 60068,IEC 61683 |