jntech

Power On For Good

Residential Energy Storage System

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ABOUT JNTECH

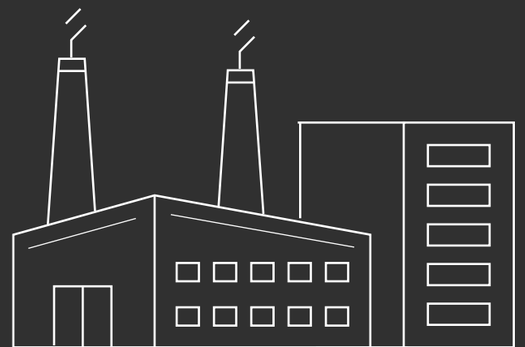
JNTech is a global leader in advanced micro-grid solutions, committed to providing reliable and sustainable energy systems that address the unique challenges of diverse regions worldwide. Since our founding in 2006, we have focused on providing stable, affordable, and sustainable power through green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

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.

The company's R&D efforts have produced a range of photovoltaic products, including off-grid energy storage inverters, photovoltaic water pump inverters, and photovoltaic air conditioning systems, all of which have obtained relevant national and international market access certifications. These products have been widely adopted in over 100 countries worldwide.

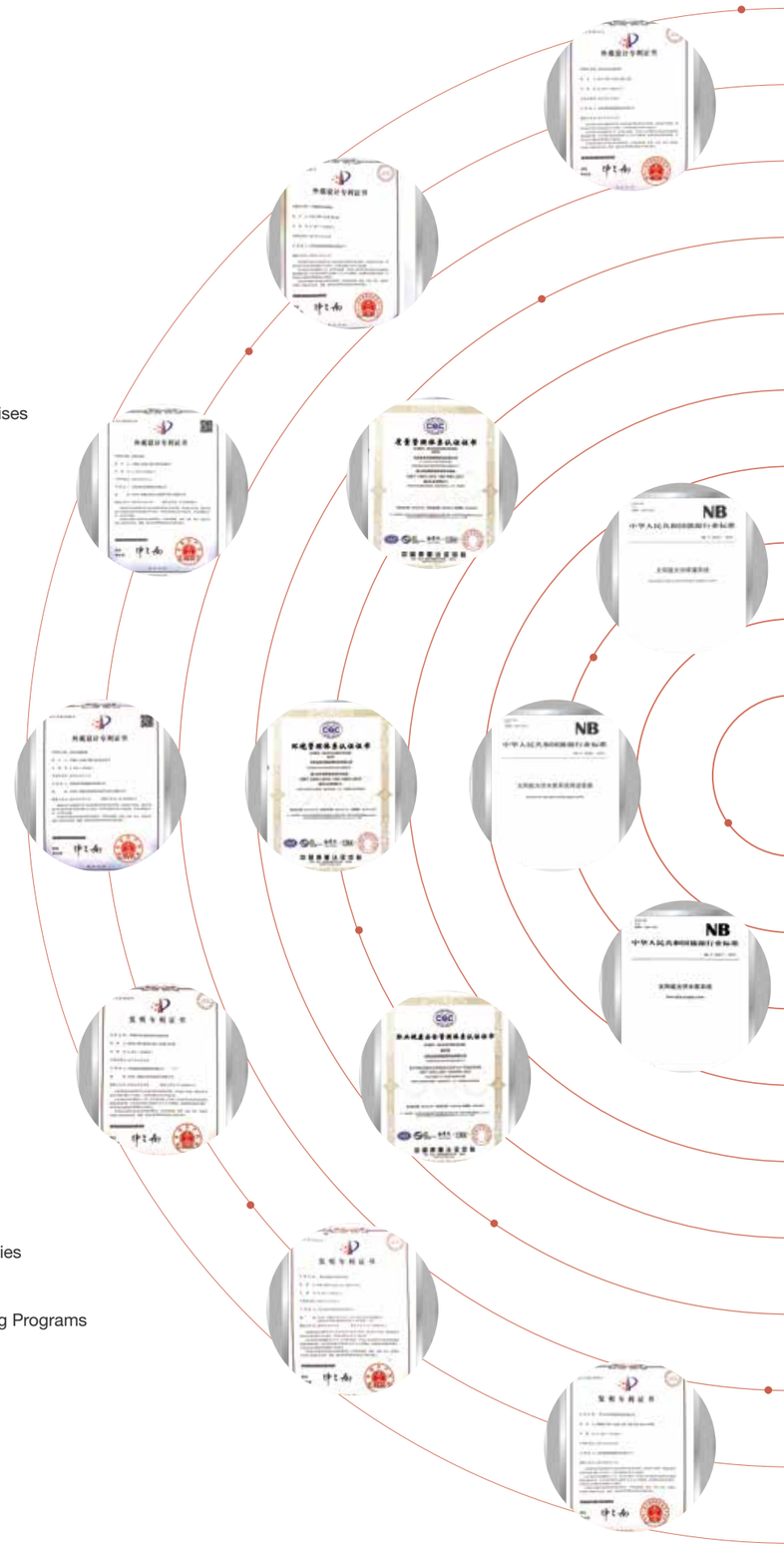
As a key contributor to industry standards for photovoltaic water pump systems and inverters in China, the company has been included in the procurement lists and preferred brand selections of international organizations such as the World Bank, the United Nations, the Food and Agriculture Organization (FAO), and various NGOs. Over the years, the "JNTECH" brand has earned an outstanding reputation in the industry.

The company will provide global customers with more efficient, convenient and reliable energy solutions with better products and services, and contribute to promoting global energy transformation and sustainable development.



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



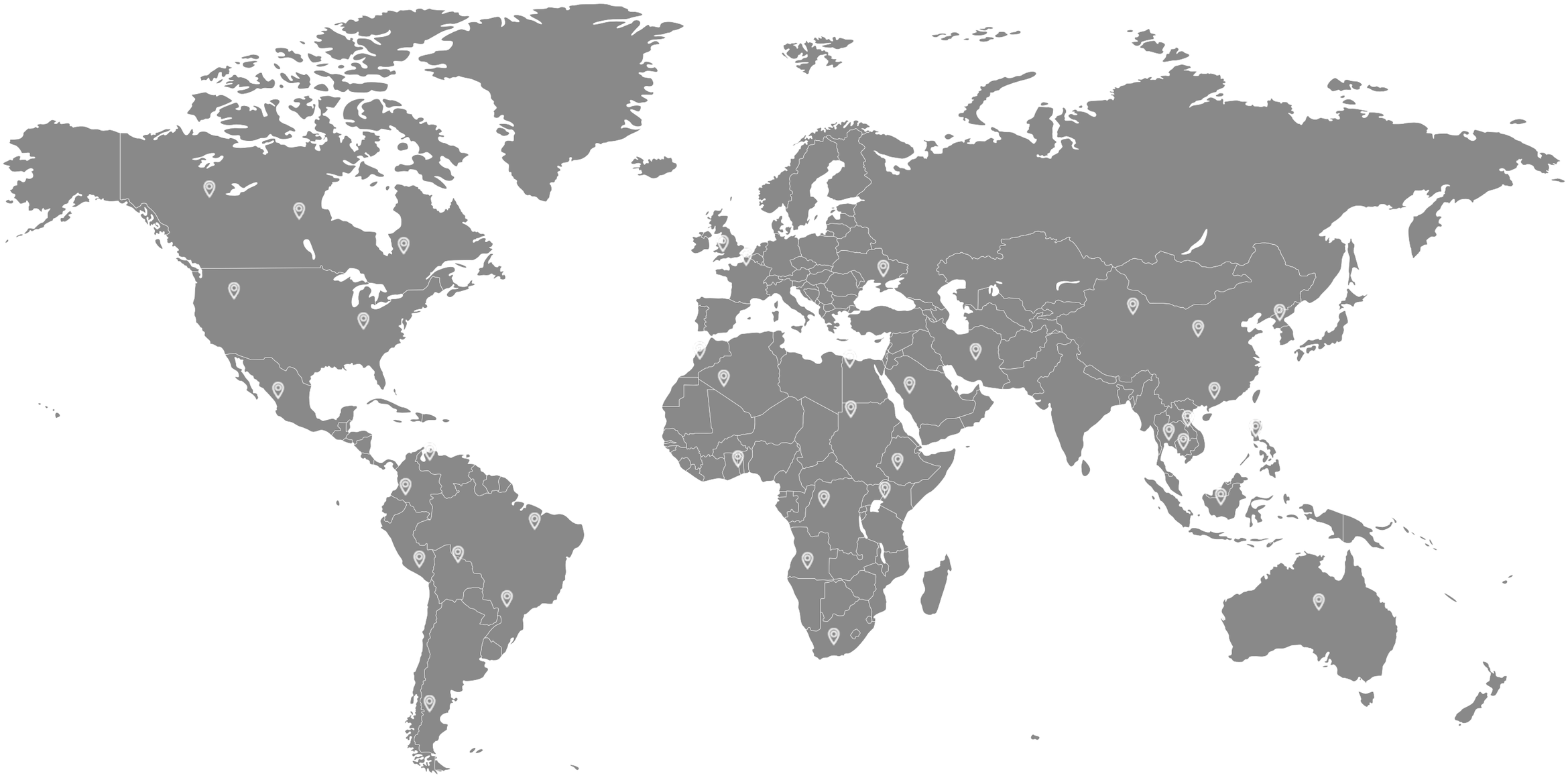
Service

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

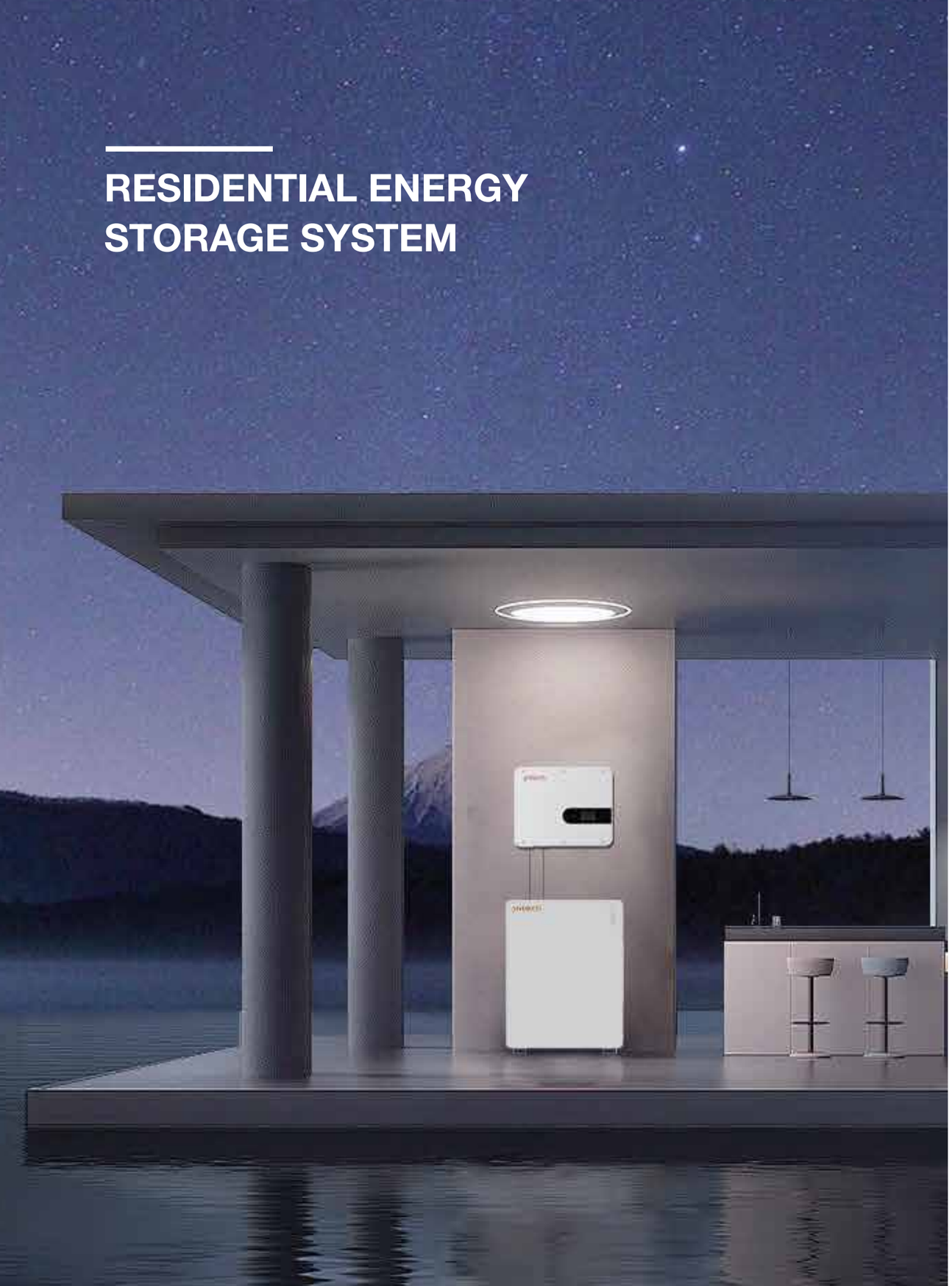
15+
Years of Experience in Solar Industry

40%+
R&D Employees

100+
Countries and Regions

10,000+
Global Clients

RESIDENTIAL ENERGY STORAGE SYSTEM



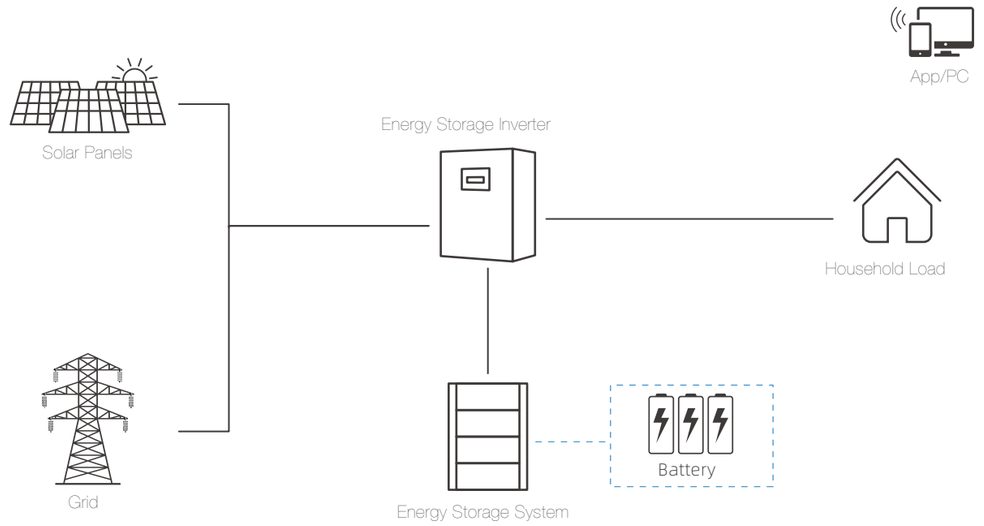
Overview of the Residential Energy Storage System

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.
- 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.
- 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.
- Eco-Friendly:
  By maximizing the use of solar energy and minimizing dependence on fossil fuels, the system helps reduce the household's carbon footprint.
- 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.
- 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)

Portable Products

Model:
JNSG1K-2KWH-V1
1000W/2000Wh

Wall-Mounted Battery

Model:
JNB025100-W-V2
2.56 kWh Lithium Battery

Wall-Mounted Battery

Model:
JNB051100-W-V2
5.12 kWh Lithium Battery

Model:
JNB051230-W-V2
11.776 kWh
Lithium Battery

Low-Voltage Mobile Batteries

Model:
JNB051314-P-V2
16.077 kWh Lithium Battery

Replace Lead with Lithium

Model:
JNB012100-Y
1.28kWh Lithium Battery

Model:
JNB012205-Y
2.624kWh Lithium Battery

Model:
JNB012280-Y
3.584kWh Lithium Battery

INVERTER PRODUCT LIST

Solar Control Inverter Integrated Machine

Model:
JNF1K2HF-X-V2
1.2 kW Inverter

Model:
JNF3K6HF-X-V2
3.6 kW Inverter

Model:
JNF5KHF-X-V1
5 kW Inverter

Model:
JNF6KHF-X-V2
6 kW Inverter

Model:
JNF12KHF-X-V2
12 kW Inverter

Features:

- Uses lithium iron phosphate battery for increased safety and prolonged cycle life.
- Advanced BMS with three-level protection for comprehensive security.
- Modular design with automatic operation capabilities.
- Offers customized solutions for residential, commercial, and industrial energy storage systems.
- Low-voltage design to meet safety and reliability requirements for household use.
- 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℃, discharge -25~55℃	
Storage temperature	-20~60℃	
Size (W*D*Hmm)	490*580*162mm	485*600*167mm
Weight (Kg)	50Kg	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℃ 0.5C/0.5C)	
Interface	RS485/CAN	
Elevation	≤3000m	

Features:

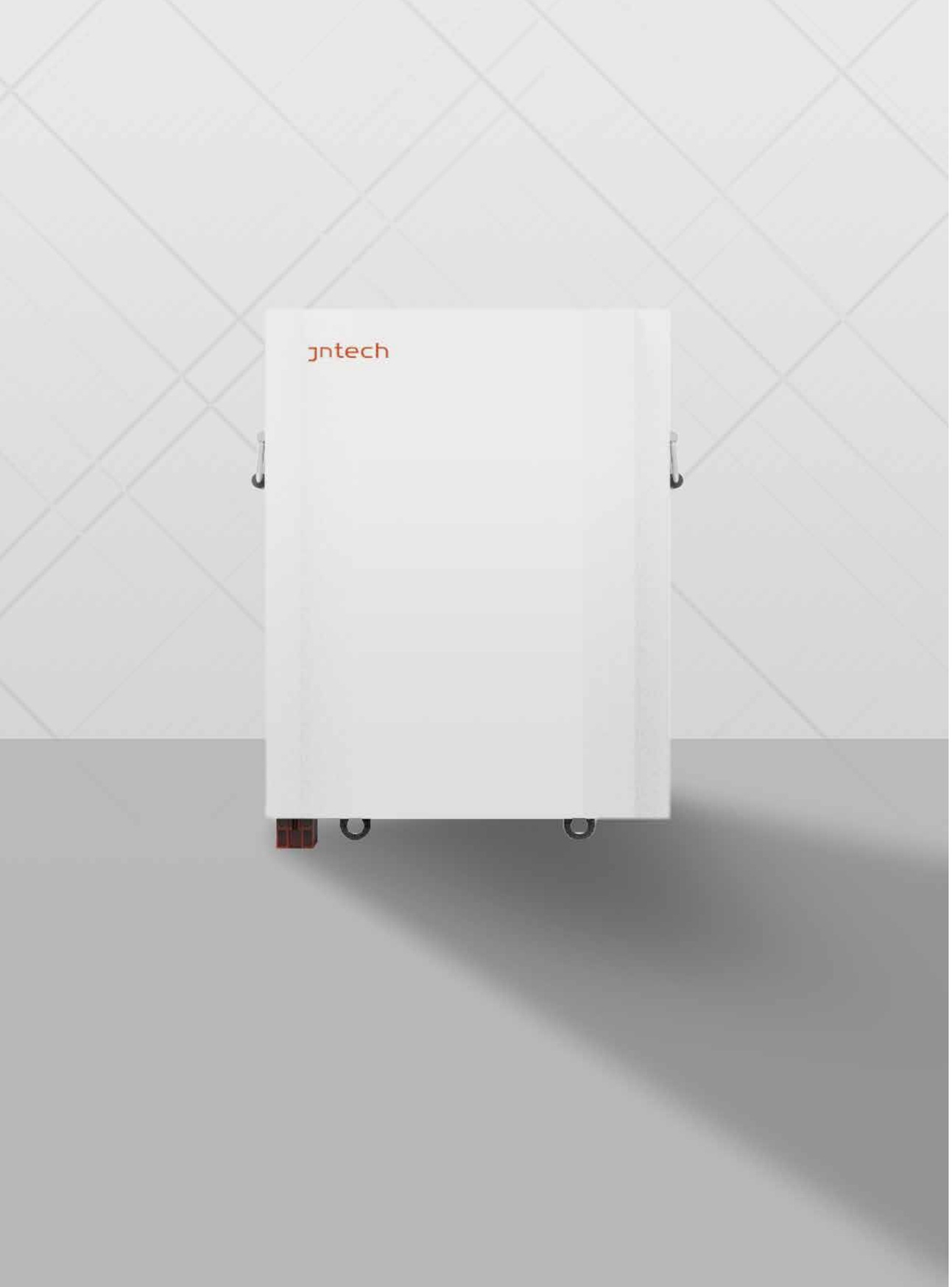
- Multiple charging modes: mains power & solar
- Multiple voltage output modes: AC & DC
- Compact and portable integrated design
- Pure sine wave AC output
- Built-in large-capacity lithium battery for ultra-long battery life
- Equipped with a power display screen and status indicator lights, making the status clear at a glance
- Overload and short-circuit protection

MODEL	JNSG1K-2KWH-V1
PV INPUT	
Input voltage range	12-45Vdc
Maximum input power	450W
Maximum photovoltaic charging current	10A
BATTERY	
Rated voltage	6.4Vdc
Operating voltage range	6-7.3Vdc
Cell type	LiFePO4
Cell capacity	314Ah
Rated energy	2000Wh
Rated charge current	156A
Maximum charge current	233A
Cycle life	≥6000 (80% DOD 25℃, 0.5C/0.5C)
AC output	
Rated output power	1000W
Output voltage	220Vac-240Vac
Output frequency	50/60Hz
Output current	5A（Max.）
Maximum efficiency	93%
Output waveform	Pure Sine Wave
DC output	
DC	12V 3A（Max.） 1 group
	12V 10A（Max.） 1 group
USB	5V 3A（Max.） 1 group
USB-C	5V 3A（Max.） 1 group
AC INPUT	
Input voltage	220Vac-240Vac
Frequency range	50/60Hz
Rated charging current	4.3A
GENERAL PARAMETERS	
Packaging dimensions (W*D*Hmm)	280*250*280mm
Packaging weight(Kg)	~20kg
OTHER PARAMETERS	
Protection Level	IP21
Noise	≤65dB
Cooling Method	Forced air cooling
Operating Temperature	Charging temperature: 0-40°C
	Discharging temperature: -20-40°C
Storage Temperature	-20～40℃
Status indicator	LCD
Installation	Portable all-in-one

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.

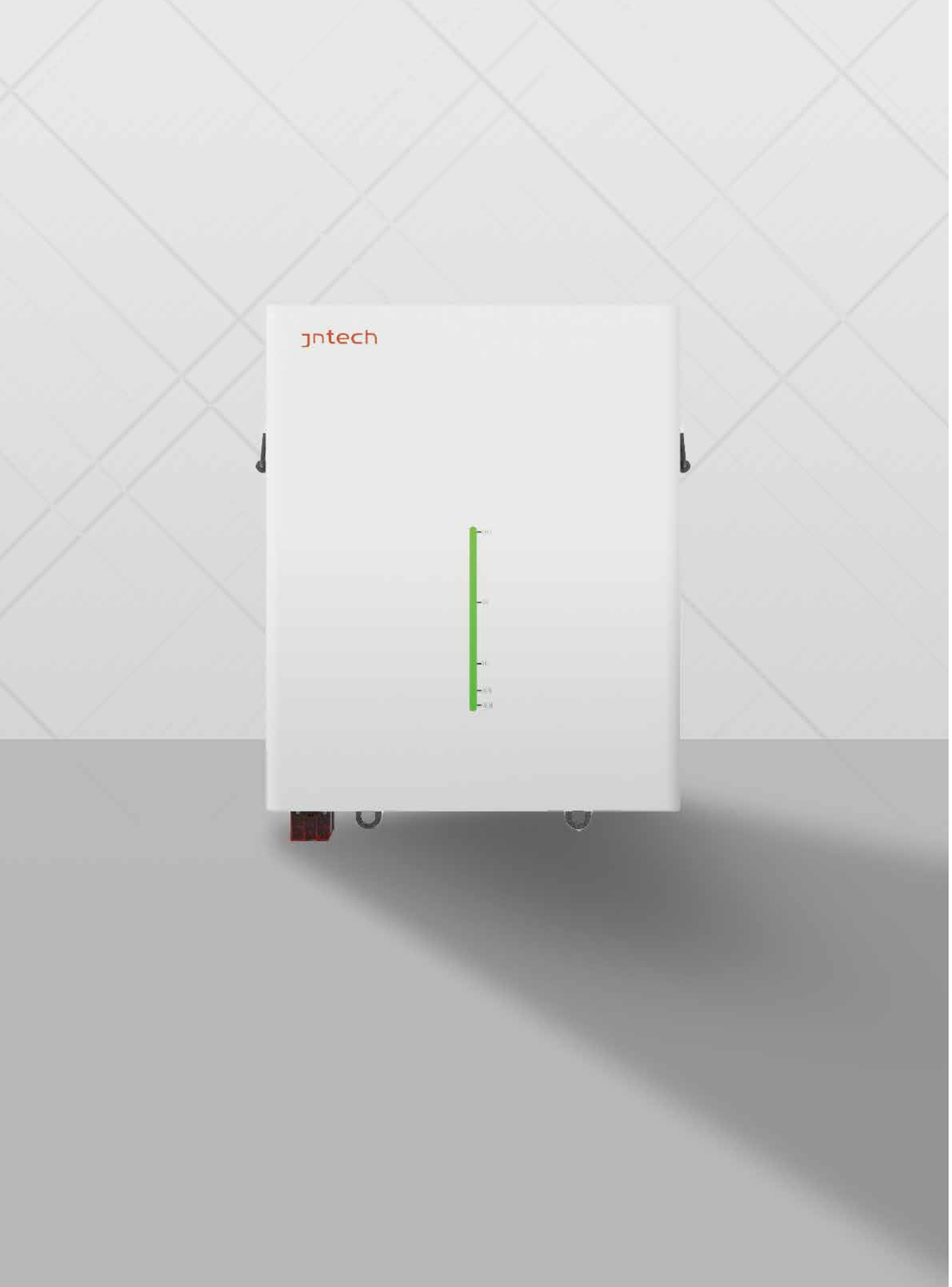
MODEL	JNB025100-W-V2
Rated capacity	100Ah
Rated voltage	25.6V
Rated energy	2.56kWh
Battery type	LiFePO4
Max. continuous charge current	100A(1C)
Max. continuous discharge current	100A(1C)
Voltage range	43.2V～57.6V
Operating temp	Charge0～55℃, discharge-10～55℃, storage-20℃～60℃
Size (W*D*Hmm)	375*147*371mm
Cooling method	Natural air cooling
Weight(Kg)	~25kg
Communication interface	RS485/CAN
Protection level	IP20
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-V2
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～57.6V
Operating temp	Charge0～55℃, discharge-10～55℃, storage-20℃～60℃
Size (W*D*Hmm)	600*465*245mm
Cooling method	Natural air cooling
Weight(Kg)	~45kg
Communication interface	RS485/CAN
Protection level	IP21
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	JNB051230-W-V2
Rated capacity	230Ah
Rated voltage	51.2V
Rated energy	11.776kWh
Battery type	LiFePO4
Max. continuous charge current	200A(0.87C)
Max. continuous discharge current	200A(0.87C)
Voltage range	43.2V～57.6V
Operating temp	Charge0～55℃, discharge-10～55℃, storage-20℃～60℃
Size (W*D*Hmm)	550*450*215mm
Cooling method	Natural air cooling
Weight(Kg)	~85kg
Communication interface	RS485/CAN
Protection level	IP21
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	JNB051314-P-V2
Rated capacity	314Ah
Rated voltage	51.2V
Rated energy	16.077kWh
Battery type	LiFePO4
Max. continuous charge current	200A(0.64C)
Max. continuous discharge current	200A(0.64C)
Voltage range	43.2V～57.6V
Operating temp	Charge0～55℃, discharge-10～55℃, storage-20℃～60℃
Size (W*D*Hmm)	460*240*837mm
Cooling method	Natural air cooling
Weight(Kg)	~120kg
Communication interface	RS485/CAN
Protection level	IP21
Function protection	Undervoltage, overvoltage, overcurrent, temperature, short circuit
Installation method	Mobile Powe
Cycle life	≥6000（80%DOD 25℃ 0.5C/0.5C）
Elevation	≤3000m

Features:

- Uses lithium iron phosphate batteries, offering high safety and long cycle life.
- Equipped with an advanced BMS and a three-tier battery management system for comprehensive protection.
- Modular design, supporting automated operations.
- Customizable products available for home energy storage and industrial/commercial energy storage systems.

MODEL	JNB012100-Y	JNB012205-Y	JNB012280-Y
Rated capacity	100Ah	205Ah	280Ah
Rated voltage	12.8V		
Rated energy	1.28kWh	2.624kWh	3.584kWh
Battery type	LiFePO4		
Max. continuous charge current	50A(0.5C)	50A(0.25C)	50A(0.18C)
Max. continuous discharge current	100A(1C)	100A(0.5C)	100A(0.35C)
Voltage range	10.8V～14.6V		
Operating temp	Charge0～50℃		
	Discharge-15～55℃		
	Storage-20℃～55℃		
Size (W*D*Hmm)	332*176*226mm	345*190*272mm	345*190*272mm
Cooling method	Natural air cooling		
Weight(Kg)	10kg	22kg	28kg
Communication interface	/		
Protection level	IP67		
Function protection	Undervoltage, overvoltage, overcurrent, temperature, short circuit		
Installation method	/		
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	JNF1K2HF-X-V2
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	1.2
Surge Power (kVA)	2.4
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (APP/UPS/GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%-120% load; 10s@120%-20% load
Max. Efficiency (Battery Mode)	90%@12VDC
Parallel Quantity	NA
CHARGER (PV / AC)	
Solar Charger Type	MPPT
Max PV input current / power	18A / 800W
MPPT Range@Operating Voltage (VDC)	17~115
Max PV Open Circuit Voltage (VDC)	115
Max PV Charge Current (A)	50
Max AC Charge Current (A)	50
Max. Charge Current (PV + AC) (A)	100
BATTER	
Normal Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lead-acid / Lithium
INTERFACE	
HMI	LCD
Interface	RS232/RS485 /USB
Monitoring	Wifi (optional)
GENERAL DATA	
Ingress Protection	IP21
Operating Temperature	-10 ℃~ 60 ℃
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15 ℃~ 60 ℃
Net Weight (kg)	3.5
Dimensions (W*H*D)	347*236*91mm
Max. Operating Altitude	4000m (Derating above 1000m)

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	JNF3K6HF-X-V2
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	3.6
Surge Power (kVA)	5.7
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (APP/UPS mode) / 20 (GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%-110% load; 10s@110%-130% load; 3s@130%-150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7%@24VDC
Parallel Quantity	NA
CHARGER (PV / AC)	
Solar Charger Type	MPPT
Max PV input current / power	18A / 5000W
MPPT Range@Operating Voltage (VDC)	40~450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	100
Max AC Charge Current (A)	100
Max. Charge Current (PV + AC) (A)	100
BATTER	
Normal Voltage (VDC)	24
Floating Charge Voltage (VDC)	27
Overcharge Protection (VDC)	30.5
Battery Type	Lithium and Lead-acid
INTERFACE	
HMI	LCD
Interface	RS485 / CAN / RS232
Monitoring	WiFi (built-in)
GENERAL DATA	
Ingress Protection	IP21
Operating Temperature	-10 ℃~ 60 ℃
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15 ℃~ 60 ℃
Net Weight (kg)	6.2
Dimensions (W*H*D)	420*284*94mm
Max. Operating Altitude	4000m (Derating above 1000m)

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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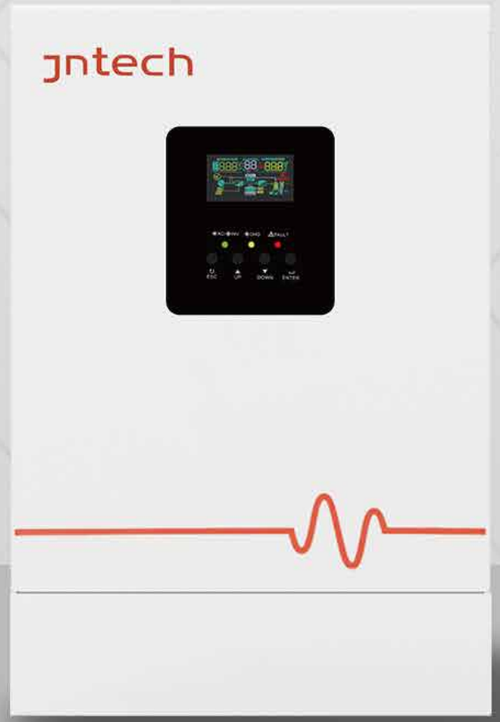

MODEL	JNF5KHF-X-V1
PV INPUT	
Maximum input DC voltage	500Vdc
Maximum input power	7500W
MPPT voltage range	60～500Vdc
Maximum photovoltaic charging current	100A
BATTERY	
Rated battery voltage	48Vdc
Constant voltage charging voltage	56.4Vdc
Float charging voltage	54Vdc
Battery information	Gel/Lithium
AC INPUT	
Rated input voltage	208/220/230/240Vac
Frequency range	50Hz/60Hz (Auto Adaptive)
Maximum charging current	100A
INVERTER OUTPUT	
Output voltage	208/220/230/240 Vac±5%
Rated frequency	50/60Hz±0.1%
Rated power	5500W
Output waveform	Pure Sine Wave
Peak power	11000VA
Transfer Time (adjustable)	Computers (UPS Mode) 10ms, Appliance (APL Mode) 20ms
GENERAL PARAMETERS	
Packaging dimensions (W*D*Hmm)	385*195*565mm
Packaging weight(Kg)	11.89Kg
OTHER PARAMETERS	
Protection Level	IP20
Noise	≤50db
Cooling Method	Forced cooling
Operating Temperature	-10～+50℃
Storage Temperature	-22～+55℃
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	Altiude 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	JNF6KHF-X-V2
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	6
Surge Power (kVA)	12
Voltage (VAC)	208/220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	Previous continuous load < 2.5kW: 15min@102%~108% load; 1min@108%~120% load; 10s@ > 20% load Or 1min@102%~120% load; 10s@ > 20% load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
CHARGER (PV / AC)	
Solar Charger Type	MPPT
Max PV input current / power	27A / 9000W
MPPT Range@Operating Voltage (VDC)	60-450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	120
Max AC Charge Current (A)	120
Max. Charge Current (PV + AC) (A)	120
BATTER	
Normal Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium and Lead-acid
INTERFACE	
HMI	LCD
Interface	RS232 / RS485 / USB
Monitoring	WiFi (None / Internal / External)
GENERAL DATA	
Ingress Protection	IP21
Operating Temperature	-10 ℃~ 60 ℃
Relative Humidity	5%~95% (Non-condensing)
Storage Temperature	-15 ℃~ 60 ℃
Net Weight (kg)	8.4
Dimensions (W*H*D)	410*336*110mm
Max. Operating Altitude	4000m (Derating above 1000m)

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	JNF12KHF-X-V2
AC Input	
Rated Input Voltage (VAC)	220/230/240; L+N+PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kW)	12
Surge Power (kVA)	24
Voltage (VAC)	220/230/240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10(APP/UPS mode), 20(GEN mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	1min@102%~125%Load; 10s@＞125%Load
Max. Efficiency (Battery Mode)	94%@48VDC
Parallel Quantity	NA
CHARGER (PV / AC)	
Solar Charger Type	Dual MPPTs
Max PV input current / power	Using One MPPT: 27A/9KW; Using Two MPPTs: 22.5A/Per MPPT, 15kW/Total
MPPT Range@Operating Voltage (VDC)	60-450
Max PV Open Circuit Voltage (VDC)	500
Max PV Charge Current (A)	160
Max AC Charge Current (A)	160
Max. Charge Current (PV + AC) (A)	160
BATTER	
Normal Voltage (VDC)	48
Floating Charge Voltage (VDC)	54
Overcharge Protection (VDC)	61
Battery Type	Lithium and Lead-acid
INTERFACE	
HMI	LCD
Interface	RS232 / RS485 / CAN
Monitoring	WiFi (built-in)
GENERAL DATA	
Ingress Protection	IP21
Operating Temperature	-10 ℃~60 ℃
Relative Humidity	5%～95% (Non-condensing)
Storage Temperature	-15 ℃~60 ℃
Net Weight (kg)	15
Dimensions (W*H*D)	495*425*120 mm
Max. Operating Altitude	4000m(Derating above 1000m)