



SOLAR STORAGE INVERTER

Solar Storage Inverter for Residential

Green Energy Changes The World

www.srnesolar.com

2025

Brief Introduction

About SRNE	4
Connection Diagram	6
System Connection	7

Selection Guide

Naming Rule	8
Residential Solutions	9
Quick Selection Guide	11
Communication Function	13

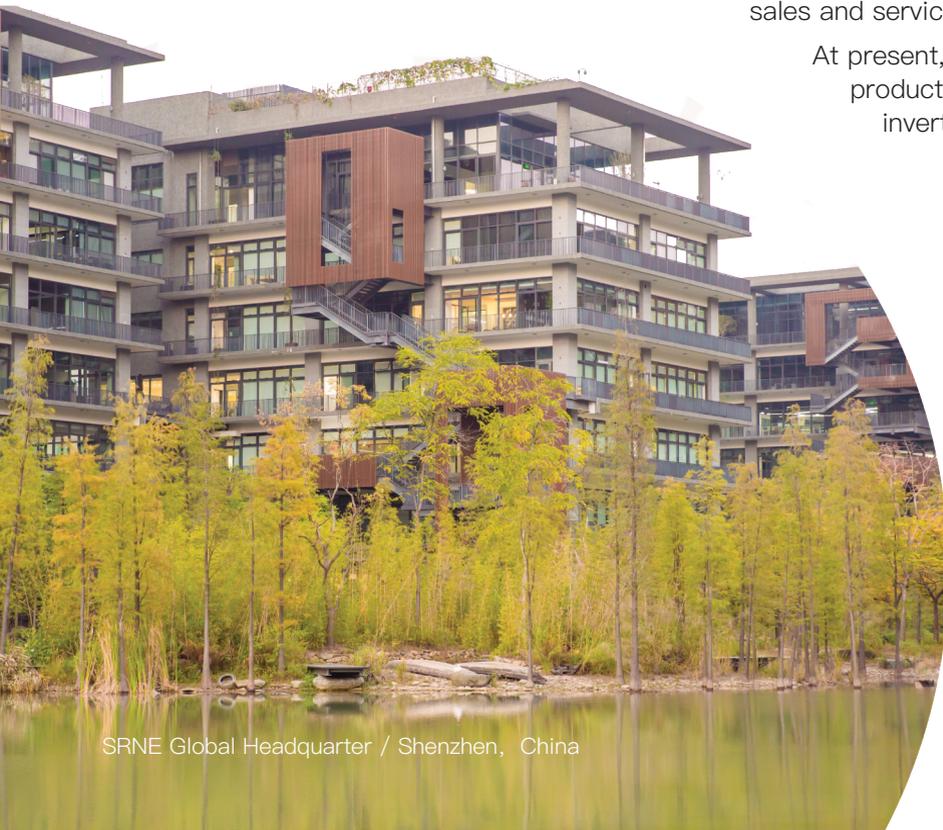
Product Parameter

01/ HEBP Series	14
02/ HESP Series	16
03/ HYP Series	18
04/ ABP Series	20
05/ ASP Series	24
06/ ASF Series	28
07/ HF-HV Series	30
08/ HF-LV Series	32
09/ ATS Series	34

About SRNE

SRNE Solar Co.,Ltd. was established in 2009, headquartered in Shenzhen, China, which is a high-tech enterprise integrating R&D, production, sales and service.

At present, We provides customers with three major product lines: Solar storage system, Solar storage inverter, Solar charge controller



SRNE Global Headquarter / Shenzhen, China

2021-2024

- Awarded Shenzhen Famous Brand Product
- Development and production of photovoltaic energy storage systems

2017-2020

- Investment Dongguan production base and expanded factory area to 20,000 sqm
- Development and production of solar charge inverters

2012-2016

- Establishment of a foreign sales department to develop international markets
- Development and production of solar charge controllers

2009

- SRNE Solar Co.,Ltd. established
- Development and production of solar street light controllers

Our Vision

- A world-class provider of customer-side PV energy storage products and solutions

Our Mission

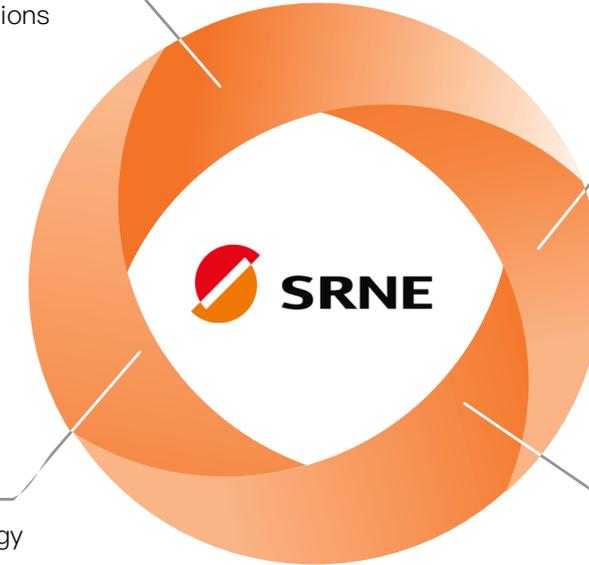
- Our mission is "green energy changing the world"

Business Philosophy

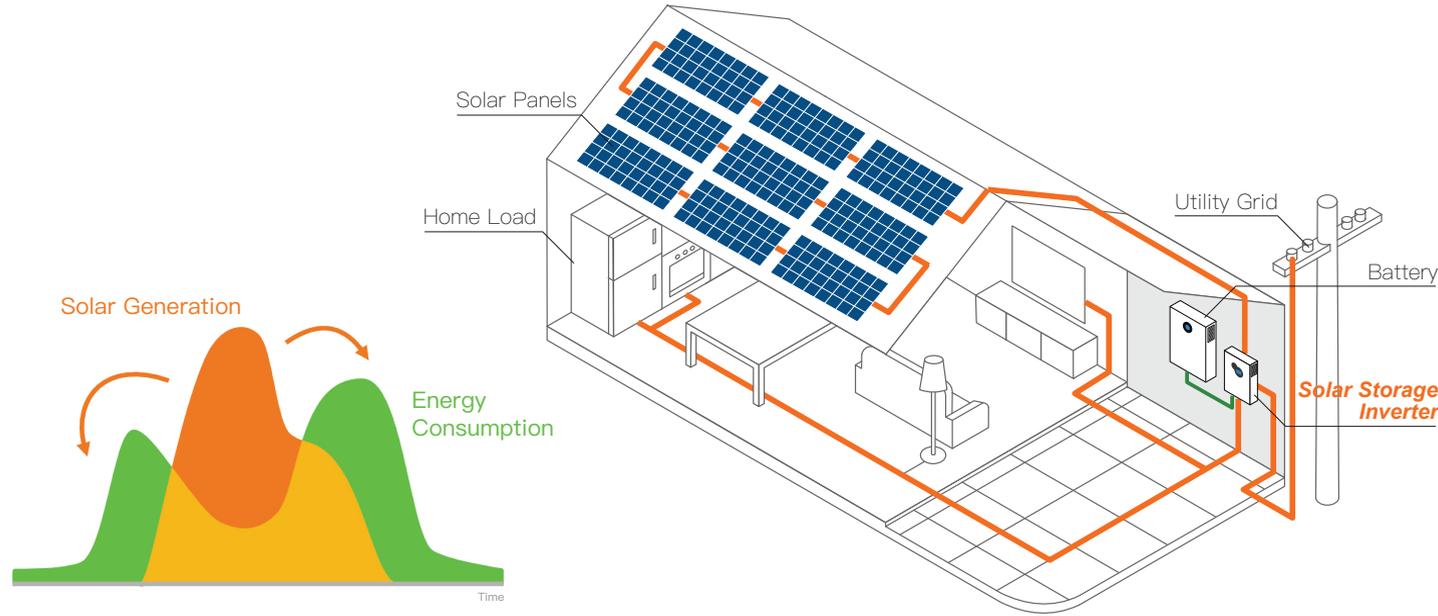
- Integrity
- Innovative
- Surpass
- Win-win

Product Philosophy

- High-efficiency
- High-quality
- Cost-effective
- Excellent-service



Connection Diagram



Safe



Plug&Play



Uninterrupted



Scalable



Efficiency

Solar energy is volatile and does not match the daily peak of electricity consumption, so we need Solar Energy Storage System to regulate the energy distribution and convert solar energy into stable AC energy.

System Connection

Solar Panels

Solar modules convert light energy into DC electrical energy by means of the photovoltaic effect. And it's the energy source of entire system.

Utility Grid (AC input)

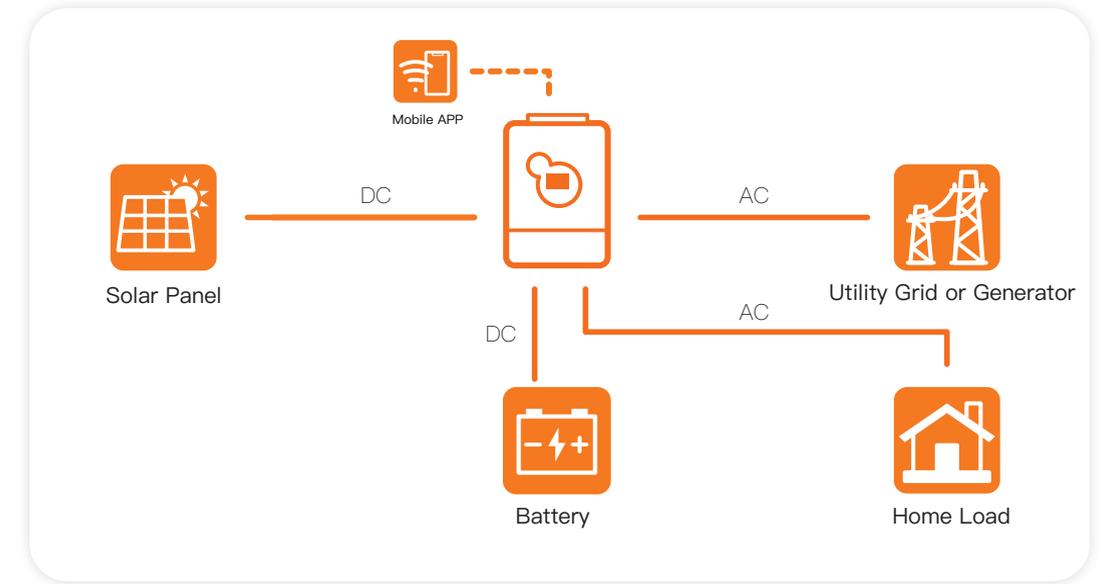
The mains electricity or generator can be used as an energy supplement to the PV system, charging the batteries or supplying the load when there is a lack of solar energy, and some models support the feeding of excess power back into the grid.

Battery

Batteries are used to store energy, for example to store photovoltaic energy generated during the day for use at night, or to provide emergency power for households in the event of a mains power failure

Home Load (AC output)

For electrical equipment throughout the home, please select the appropriate model according to the power used



Solar storage inverter

The solar charge inverter is the energy conversion control centre for the entire system. The solar charging inverter is the energy conversion control centre of the whole system. Its most basic function is to collect unstable photovoltaic electricity and convert it into stable alternating current to be supplied to home loads or to be stored in batteries

The user can set a variety of operating modes according to their needs, select the priority of energy use, maximize the use of electricity, and monitor the operating status of the equipment through the mobile phone APP

Naming Rule

Series name

This character represents the name of the product series

Letter "P" in the end of series name stands for "parallel connection"

HESP 48 60 U 100 -H

Battery voltage

This character represents the rated voltage of battery. "48" stands for 48V. "24" stands for 24V.

Output power

This character represents the power that can be output by the inverter. "100" stands for 10kW, "60" stands for 6kW, "30" stands for 3kW.

Output voltage

This character represents the output voltage of inverter, "U" stands for US standard voltage (100-120Vac)

Open circuit voltage

This character represents the Max. open circuit voltage of solar arrays connect with inverter. Remember do not exceed this limit. "H" stands for 500V, "145" stands for 145V

Solar charging current

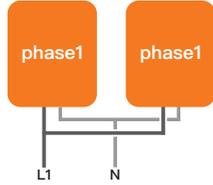
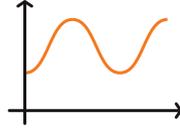
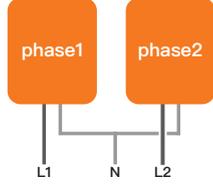
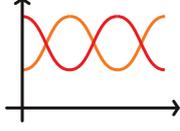
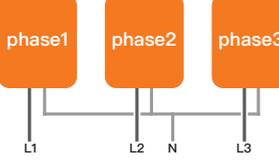
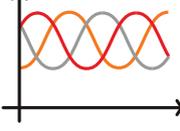
This character represents the Max. charging current by solar power, "200" stands for 200A, "100" stands for 100A.

Residential Solutions



Parallel Connection

Suitable for models that support parallel use (Please refer to the list on pages 11)

Output plan	Output phase	Description
	 Single phase output	Supports parallel connection of 1 to 6 inverters, each with the same phase output, for a single-phase output with power stacking Eg. 5kW per inverter, 3 inverters in parallel can output 15kW
	 Split phase output	Supports 2 to 6 inverters connected in parallel, with L1 and L2 consisting of at least one inverter to form a split phase output
	 Three phase output	Supports 3 to 6 inverters in parallel, with L1, L2 and L3 each consisting of at least one inverter to form a three-phase output

Quick Selection Guide

voltage models (100~120Vac)

Series	Models	Rated Power	Output		Battery		Solar Panel	Output mode		
			Output Phase	Can be parallel	Battery Voltage	Max. Charging Current	Max. Open circuit voltage	Self-use	Without battery	On-grid
HEBP-Pro	HEBP4880U240-Pro	8.8kW	Split-phase/Three-phase (Parallel)	√ 1~6 units	48V	240A	550V+550V	√	√	√
	HEBP48100U240-Pro	10kW								
	HEBP48120U240-Pro	12kW								
HESP	HESP4880U200-H	8.8kW	Single-phase/Split-phase/Three-phase (Parallel)	√ 1~6 units	48V	200A	550V+550V	√	√	√
	HESP48100U200-H	10kW								
	HESP48120U200-H	12kW								
HYP	HYP4850U100-H	5kW	Single-phase	√ 1~6 units	48V	100A	500V	√	√	
			Split-phase (Parallel)							
			Three-phase (Parallel)							
ABP	ABP4840U100-H	4kW	Single-phase/Split-phase/Three-phase (Parallel)	√ 1~6 units	48V	100A	550V+550V	√	√	
	ABP4850U120-H	5kW				120A				
	ABP4860U140-H	6kW				140A				
	ABP4865U140-H	6.5kW				140A				
	ABP4880U180-H	8kW				180A				
	ABP48100U200-H	10kW				200A				
ASP	ASP4840U100-H	4kW	Single-phase/Split-phase/Three-phase (Parallel)	√ 1~6 units	48V	100A	550V+550V	√	√	
	ASP4850U120-H	5kW				120A				
	ASP4860U140-H	6kW				140A				
	ASP4865U140-H	6.5kW				140A				
	ASP4880U180-H	8kW				180A				
	ASP48100U200-H	10kW				200A				
ASF	ASF48100U200-H	10kW	Single-phase/Split-phase		48V	200A	500V+500V	√	√	
	ASF4880U180-H	8kW				180A				
HF	HF4850U80-H	5kW	Single-phase		48V	80A	500V	√		
	HF2430U80-H	3kW	Single-phase		24V	80A	500V	√		
	HF2430U60-100	3kW	Single-phase		24V	140A	108V	√		

Output Mode



Self-use

In self-consumption mode, the inverter can store solar or utility grid electricity in the battery to meet the household's electricity needs. The user can also adjust the priority of different energy source to maximize electricity use.

For customers who wish to have a stable power supply.

▲
Supported on all models



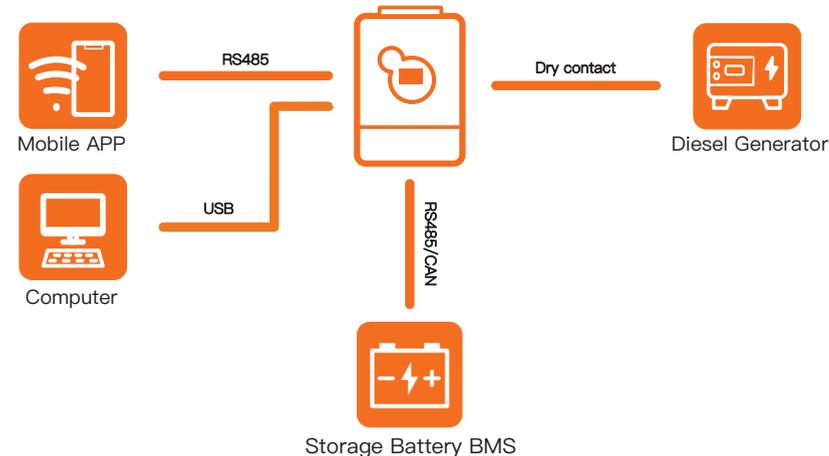
Without battery

In the without battery mode (anti-backflow), the mains electricity will be used to supplement the solar power to power the household load.

For customers who want to use clean energy to reduce their electricity costs.

▲
Supported on selected models only

Communication Function



Mobile App

The user can view the inverter's power generation curve and parameters in real time on a mobile app and also receive alerts when the inverter is faulty.

Computer

The user communicates with the inverter using specific PC host software, which enables software upgrades firmware to the inverter as well as the modification and reading of operating parameters, suitable for professional commissioning.

Diesel Generator

The diesel generator can be used as the AC output source for the PV system and the inverter supports **automatic start/stop control** of the generator via a dry contact port, which requires the generator to be equipped with an ATS, please read the product brochure for details

Storage Battery BMS

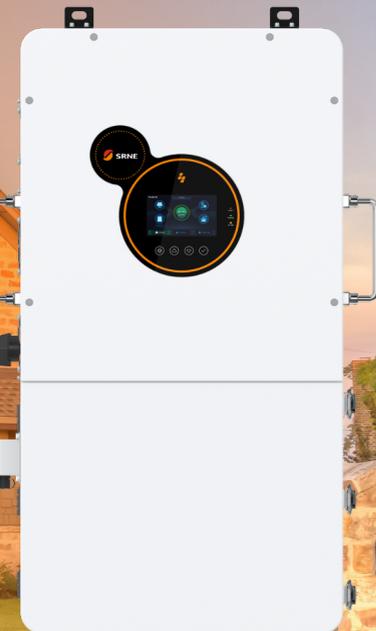
The inverter supports communication with the BMS (battery management system) of the storage battery via RS485 or CAN protocol (some models) After the BMS communication is completed, the inverter can collect the battery parameters to achieve more accurate and efficient control of charging and discharging, which is conducive to maintaining the life of the battery and also to ensure safety



HEBP-Pro Series

HEBP4880U240-Pro
HEBP48100U240-Pro
HEBP48120U240-Pro

- IP65 protection grade for outdoor use
- Time-slot charging & discharging for peak and valley price
- Support self-use/without battery/on-grid output mode
- Support BMS communication
- Up to 6 units in parallel for 72kW
- The lightweight handle design makes installation more convenient
- Supports both mains and generator power input with intelligent switching
- With secondary protection and its own circuit breaker



MODEL	HEBP4880U240-Pro	HEBP48100U240-Pro	HEBP48120U240-Pro	Can Be Set
OFF-GRID OUTPUT				
Rated Output Power	8,800W	10,000W	240V-12,000W; 208V-10,400W	
Max.Peak Power	1.5 times rated power			
Rated Output Voltage	120/240Vac (Split-Phase) ; 120/208Vac (Three phase)			
Load Capacity of Motors	5HP	6HP		
GRID / GENERATOR INPUT				
Input Voltage Range	90-140Vac			
Frequency Range	50/60Hz			
Max. Bypass overload phase current	200A (5S)			
Continuous Grid Passthrough Current	180A			
BATTERY				
Battery Type	Lead-acid / Li-ion / User Defined			√
Rated Battery Voltage	48V			
Max.Mains Charging Current	200A			√
Max.Generator Charging Current	90A			
Max.Hybrid Charging Current	240A			√
PV INPUT				
Num. of MPPT Trackers	2			
Max.PV Array Power	6,600W+6,600W	7,500W+7,500W	9,000W+9,000W	
Max.Input Current	32A+32A			
Short-Circuit Current Isc	40A+40A			
Max.Voltage of Open Circuit	550Vdc+550Vdc			
MPPT Operating Voltage Range	125~450Vdc			
GENERAL				
Parallel Capacity	1~6 units			
Dimensions	840*440*260mm			
Weight	48kg			
Protection Degree	IP65			
Operating Temperature Range	-25~60°C,>45°C derated			
Cooling Method	Heat sink + intelligent fan cooling			



HESP Series

HESP4880U200-H
HESP48100U200-H
HESP48120U200-H

- IP65 protection grade for outdoor use
- Time-slot charging & discharging for peak and valley price
- Support self-use/without battery/on-grid output mode
- Support BMS communication
- Up to 6 units in parallel for 72kW
- The lightweight handle design makes installation more convenient
- Supports both mains and generator power input with intelligent switching

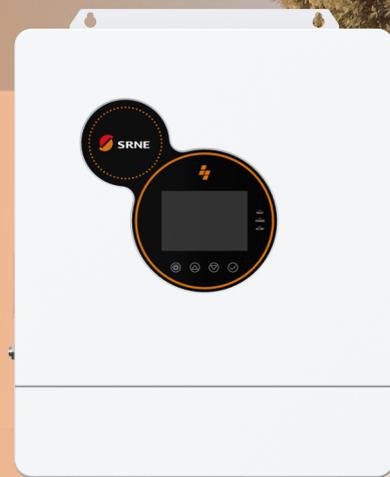


MODEL	HESP4880U200-H	HESP48100U200-H	HESP48120U200-H	Can Be Set
OFF-GRID OUTPUT				
Rated Output Power	8,800W	10,000W	240V-12,000W; 208V-10,400W	
Max.Peak Power	2 times rated power			
Rated Output Voltage	120/240Vac, 120/208Vac Single/Split-phase/three phase(Parallel)			
Load Capacity of Motors	5HP	6HP		
ON-GRID OUTPUT				
Max. Peak Power	8,800W	10,000W	12,000W	
Max. Apparent Power	8,800VA	10,000VA	12,000VA	
240V-Rated Output Current	36.6A	41.7A	50A	
208V-Rated Output Current	42.3A	48.1A	50A	
BATTERY				
Battery Type	Lead-acid / Li-ion / User Defined			√
Rated Battery Voltage	48V			
Max.MPPT Charging Current	200A			√
Max.Mains Charging Current	120A			√
Max.Generator Charging Current	60A			
Max.Hybrid Charging Current	200A			√
PV INPUT				
Num. of MPPT Trackers	2			
Max.PV Array Power	5,500W+5,500W		6,600W+6,600W	
Max.Input Current	25A+25A			
Max.Voltage of Open Circuit	550Vdc+550Vdc			
MPPT Operating Voltage Range	125~450Vdc			
MAINS/GENERATOR INPUT				
Input Voltage Range	90~140Vac			
Frequency Range	50/60Hz			
GENERAL				
Parallel Capacity	1~6 units			
Dimensions	750*440*240mm (2.46*1.44*0.79ft)			
Weight	42kg (92.59lb)			
Protection Degree	IP65			
Operating Temperature Range	-25~60°C,>45°C derated			
Cooling Method	Internal Fan			

HYP Series

HYP4850U100-H

- Up to 6 units in parallel for 30kW
- Time-slot charging & discharging for peak and valley price
- Support self-use/without battery output mode
- Single phase / split phase / three phase outputs available
- Support BMS communication



MODEL	HYP4850U100-H	Can Be Set
INVERTER OUTPUT		
Rated Output Power	5,000W	
Max.Peak Power	10,000VA	
Rated Output Voltage	120Vac, single phase/split phase(Parallel)/three phase(Parallel)	√
Load Capacity of Motors	4HP	
Rated AC Frequency	50Hz/60Hz	
Parallel Capacity	1~6 units	
BATTERY		
Battery Type	Li-ion/Lead-Acid/User Defined	√
Rated Battery Voltage	48Vdc	
Max.MPPT Charging Current	100A	√
Max.Mains/Generator Charging Current	40A	√
Max.Hybrid Charging Current	100A	√
PV INPUT		
Num. of MPPT Trackers	1	
Max.PV Array Power	5,500W	
Max.Input Current	22A	
Max.Voltage of Open Circuit	500Vdc	
MAINS/GENERATOR INPUT		
Input Voltage Range	90~140Vac	
Frequency Range	50Hz/60Hz	
Bypass Overload Current	40A	
GENERAL		
Dimensions	446.9*350*133mm (1.4*1*0.4ft)	
Weight	13kg (28.6lb)	
Protection Degree	IP20, Indoor Only	
Noise	<60dB	
Cooling Method	Internal Fan	

ABP Series

ABP4840U100-H
ABP4850U120-H
ABP4860U140-H
ABP4865U140-H

ABP4880U180-H
ABP48100U200-H



- Single unit power up to 4-10kW
- Dual MPPT, with an efficiency of up to 99.9%.
- Time-of-use charging and discharging function suitable for peak and valley electricity price applications.
- Support self-use/without battery output mode
- The energy-saving mode function of a single machine reduces no-load energy loss.
- Supports Lithium battery BMS communication.

MODEL	ABP4840U100-H	ABP4850U120-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	4,000W	5,000W	
Max.Peak Power	8,000VA	10,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP		
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.Mains/Generator Charging Current	60A	60A	√
Max.Hybrid Charging Current	100A	120A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	3,000W + 3,000W	3,800W + 3,800W	
Max.input current	18A + 18A		
Max.Voltage of Open Circuit	550Vdc + 550Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	65~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	40A		
GENERAL			
Dimensions	553mm*410 mm*130 mm		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-10~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		

MODEL	ABP4860U140-H	ABP4865U140-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	6,000W	6,500W	
Max.Peak Power	12,000VA	13,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP		
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.Mains/Generator Charging Current	80A	80A	√
Max.Hybrid Charging Current	140A	140A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	4,500W + 4,500W	5,000W + 5,000W	
Max.input current	18A + 18A		
Max.Voltage of Open Circuit	550Vdc + 550Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	65~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	40A		
GENERAL			
Dimensions	553mm*410 mm*130 mm		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-10~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		

MODEL	ABP4880U180-H	ABP48100U200-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max.Peak Power	16,000VA	20,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.MPPT Charging Current	180A	200A	√
Max.Mains/Generator Charging Current	100A	120A	√
Max.Hybrid Charging Current	180A	200A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	5,500W + 5,500W		
Max.input current	22A + 22A		
Max.Voltage of Open Circuit	500Vdc + 500Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	63A		
GENERAL			
Dimensions	723 mm*448 mm*150 mm		
Weight	28kg		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-10~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		



ASP Series

ASP4840U100-H
ASP4850U120-H
ASP4860U140-H
ASP4865U140-H

ASP4880U180-H
ASP48100U200-H

- Single unit power up to 4-10kW
- Dual MPPT, with an efficiency of up to 99.9%.
- Time-of-use charging and discharging function suitable for peak and valley electricity price applications.
- Support self-use/without battery output mode
- The energy-saving mode function of a single machine reduces no-load energy loss.
- Supports Lithium battery BMS communication.



MODEL	ASP4840U100-H	ASP4850U120-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	4,000W	5,000W	
Max.Peak Power	8,000VA	10,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP		
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.Mains/Generator Charging Current	60A	60A	√
Max.Hybrid Charging Current	100A	120A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	3,000W + 3,000W	3,800W + 3,800W	
Max.input current	18A + 18A		
Max.Voltage of Open Circuit	550Vdc + 550Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	65~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	45A		
GENERAL			
Dimensions	553mm*410 mm*130 mm		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		

MODEL	ASP4860U140-H	ASP4865U140-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	6,000W	6,500W	
Max.Peak Power	12,000VA	13,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP		
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.Mains/Generator Charging Current	80A	80A	√
Max.Hybrid Charging Current	140A	140A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	5,000W + 5,000W		
Max.input current	18A + 18A		
Max.Voltage of Open Circuit	550Vdc + 550Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	40A		
GENERAL			
Dimensions	553mm*410 mm*130 mm		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		

MODEL	ASP4880U180-H	ASP48100U200-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max.Peak Power	16,000VA	20,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		
Parallel Capacity	1~6 units		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.MPPT Charging Current	180A	200A	√
Max.Mains/Generator Charging Current	100A	120A	√
Max.Hybrid Charging Current	180A	200A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	5,500W + 5,500W		
Max.input current	22A + 22A		
Max.Voltage of Open Circuit	500Vdc + 500Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~275Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	63A		
GENERAL			
Dimensions	620*445*130mm		
Weight	27kg (59.5lb)		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-10~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		

ASF Series

ASF4880U180-H
ASF48100U200-H

- Rated output power up to 8-10kW
- 2 MPPT strings input
- Time-slot charging & discharging for peak and valley price
- Support self-use/without battery output mode
- Support BMS communication



MODEL	ASF4880U180-H	ASF48100U200-H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max.Peak Power	16,000VA	20,000VA	
Rated Output Voltage	120Vac (Single-phase) / 240Vac (Split-phase)		√
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		√
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		√
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		√
Max.MPPT Charging Current	180A	200A	√
Max.Mains/Generator Charging Current	100A	120A	√
Max.Hybrid Charging Current	180A	200A	√
PV INPUT			
Num. of MPPT Trackers	2		
Max.PV array power	5,500W + 5,500W		
Max.input current	22A + 22A		
Max.Voltage of Open Circuit	500Vdc + 500Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	63A		
GENERAL			
Dimensions	620*445*130mm (2*1.46*0.4ft)		
Weight	27kg (59.5lb)		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15~55°C,>45°C derated (5~131°F, >113°F derated)		
Noise	<60dB		
Cooling Method	Internal Fan		



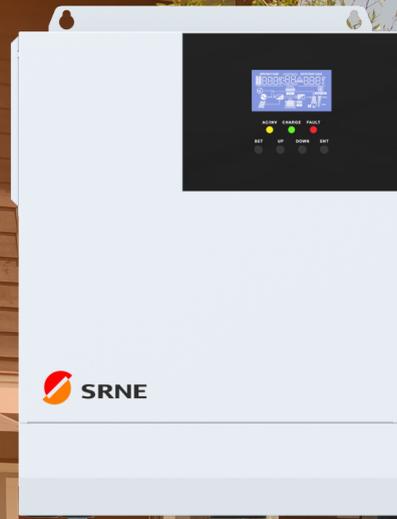
HF Series

–High PV Voltage

HF4850U80–H

HF2430U80–H

- Suitable for off-grid applications
- Stable output of pure sine waves
- Support BMS communication
- Multiple charge and discharge modes are available



MODEL	HF4850U80–H	HF2430U80–H	Can Be Set
INVERTER OUTPUT			
Rated Output Power	5,000W	3,000W	
Max.Peak Power	10,000VA	6,000VA	
Rated Output Voltage	120Vac (single phase)		√
Load Capacity of Motors	4HP	2HP	
Rated AC Frequency	50Hz/60Hz		
BATTERY			
Battery Type	Li-ion/Lead-Acid/User Defined		√
Rated Battery Voltage	48Vdc	24Vdc	
Max.MPPT Charging Current	80A	80A	√
Max.Mains/Generator Charging Current	40A		√
Max.Hybrid Charging Current	80A		√
PV INPUT			
Num. of MPPT Trackers	1		
Max.PV Array Power	5,200W	4,000W	
Max.Input Current	18A	13A	
Max.Voltage of Open Circuit	500Vdc		
MAINS/GENERATOR INPUT			
Input Voltage Range	90~140Vac		
Frequency Range	50Hz/60Hz		
Bypass Overload Current	40A	40A	
GENERAL			
Dimensions	426*322*126mm (1.3*1*0.4ft)	378*280*103mm (1.2*0.9*0.3ft)	
Weight	10.9kg (24lb)	8kg (17.6lb)	
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15°C~55°C (5°F~55°F)		
Noise	<60dB		
Cooling Method	Internal Fan		

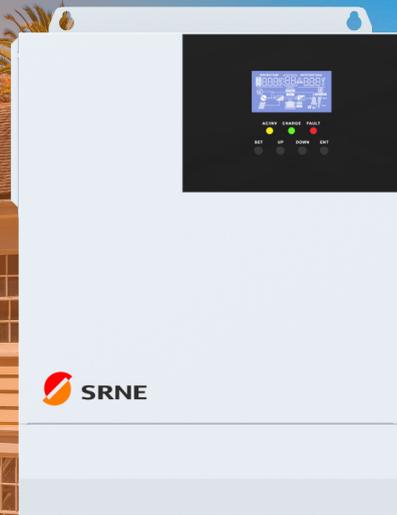


HF Series

-Low PV Voltage

HF2430U60-100

- Suitable for off-grid applications
- Stable output of pure sine waves
- Support BMS communication
- Multiple charge and discharge modes are available



MODEL	HF2430U60-100	Can Be Set
INVERTER OUTPUT		
Rated Output Power	3,000W	
Max.Peak Power	6,000VA	
Rated Output Voltage	120Vac (single phase)	√
Load Capacity of Motors	2HP	
Rated AC Frequency	50Hz/60Hz	
BATTERY		
Battery Type	Li-ion/Lead-Acid/User Defined	√
Rated Battery Voltage	24Vdc	
Max.MPPT Charging Current	60A	√
Max.Mains/Generator Charging Current	40A	√
Max.Hybrid Charging Current	100A	√
PV INPUT		
Num. of MPPT Trackers	1	
Max.PV Array Power	1,600W	
Max.Input Current	40A	
Max.Voltage of Open Circuit	108Vdc	
MAINS/GENERATOR INPUT		
Input Voltage Range	90-140Vac	
Frequency Range	50Hz/60Hz	
Bypass Overload Current	40A	
GENERAL		
Dimensions	378*280*103mm (1.2*0.9*0.3ft)	
Weight	6.8kg (14.9lb)	
Protection Degree	IP20, Indor Only	
Operating Temperature Range	-15°C~55°C (5°F~55°F)	
Noise	<60dB	
Cooling Method	Internal Fan	

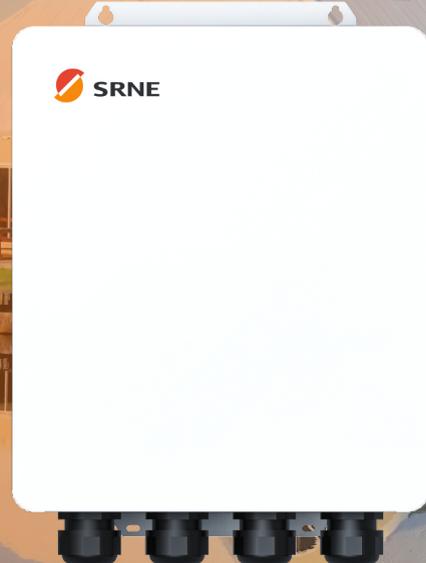


ATS Series

– Smart Switch box

ATS380S63-S3

- Dual AC input automatic switching, dual outputs
- IP54 waterproof grade
- Support three-phase pure sine output



Model	SR-ATS380S63-S3
AC INPUT (GRID)	
Grid Connection	Three-Phase
Rated AC Voltage/Range	380V,400V,415V/342~440V
Rated Input Voltage	230V/400V
Rated Input Frequency	50/60Hz
Nominal Input Current	63A
AC INPUT(INVERTER)	
Inverter Connection	Three-Phase
Rated AC Voltage/Range	380V,400V,415V/342~440V
Rated Input Voltage	230V/380V
Rated Input Frequency	50/60Hz
Max. Number of Connection	2
Load Output	
Load Connection	Three-Phase
Rated AC Voltage/Range	380V,400V,415V/312~485V
Rated Output Voltage	230V/380V
Rated Input Frequency	50/60Hz
Max. Number of Connection	2
GENERAL	
Ingree Protection	IP54
Dimension(W*H*D)	452mm*382mm*143mm
Weight	13.5Kg
Warranty	5 Year
Applicable Standard	IEC62109-1/IEC62109-2/EN61000

@SRNE solar



SRNE Solar Co.,Ltd

Mail master@szshuori.com

Web www.srnesolar.com

Add 4-5F,Building13A,Taihua Wutong
Industrial Park ,Gushu
Development Zone , Hangcheng
Street,Baoan, Shenzhen, China PR