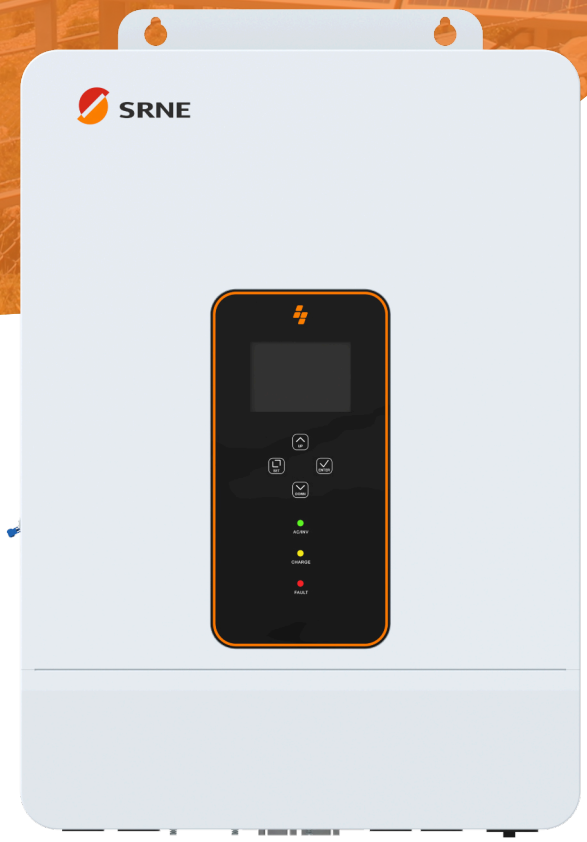
SRNE





ASP 8-10kW

Split/Single-Phase Off-grid Solar Storage Inverter

- ☐ Compatible with 48V storage batteries
- ☐ 2 efficient, independent MPPT ports
- ☐ Support self-use/without battery output mode
- ☐ The energy-saving mode reduces no-load energy loss.
- ☐ Support time-slot function for peak-valley
- ☐ Up to 6 units in parallel for 60kW

ABOUT SRNE

- ☐ SRNE 15 years in PV industry, committed to independent R&D and production.
- ☐ Holds over 200 patents in energy storage, with unique industry-leading technologies.
- ☐ Chooses top-quality international components to deliver high-value products to customers.
- ☐ Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

SRNE Solar Co,.ltd.
www.srnesolar.com

Green Energy Changes the World

Model	ASP4880U180-H	ASP48100U200-H
Inverter output		
Rated Output Power	8,000W	10,000W
Max. Output 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	
Waveform	Pure sine wave	
Output Mode	Off-grid (default) / power the load without battery	
Switch Time	10ms (typical)	
BATTERY		
Battery Type	Li-ion / Lead-acid / User-defined	
Rated Battery Voltage	48V	
Battery Volatge Range	40～60Vdc	
Max. Solar Charging Current	180A	200A
Max. Grid/Generator Charging Current	100A	120A
Max. Hybrid Charging Current	180A	200A
SOLAR INPUT		
No. Of MPPT	2	
Max. PV Array Power	5,500W+5,500W	
Max. Input Current	22A+22A	
Max. Open Circuit Voltage	500Vdc+500Vdc	
MPPT Voltage Range	125~425Vdc	
GRID/GENERATOR INPUT		
Input Voltage Range	90~140Vdc	
Input Frequency Range	50/60Hz	
Bypass Overload Current	63A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Efficiency	92%	

GENERAL DATA			
Parallel Capacity	1～6 Units (More than 3 units in parallel can form a three-phase output)		
Dimension	620*445*130mm	Noise	<60dB
Weight	27kg	Cooling Method	Built-in fan
Protection Degree	IP20 Indoor Only	Warranty	2 years
Temperature	-10-55°C, >45°C Derate	Communication	RS485/CAN/USB/Dry Contact
External Module (Optional)	Wi-Fi/GPRS	Topology	Transformerless
Certificate	RoHs/EN61000-6-1/EC61000-6-3/FCC Part15 ClassB/IEC62109-1/IEC62109-2/UL1741		

PROTECTION

Has PV input current limiting protection、PV input over-voltage、PV night reverse current protection、AC input over-voltage protection、AC input under-voltage protection、Battery over-voltage protection、Battery under-voltage Protection、Battery over-current protection、AC output short-circuit protection、Heat sink over-temperature protection、Inverter over-load protection.