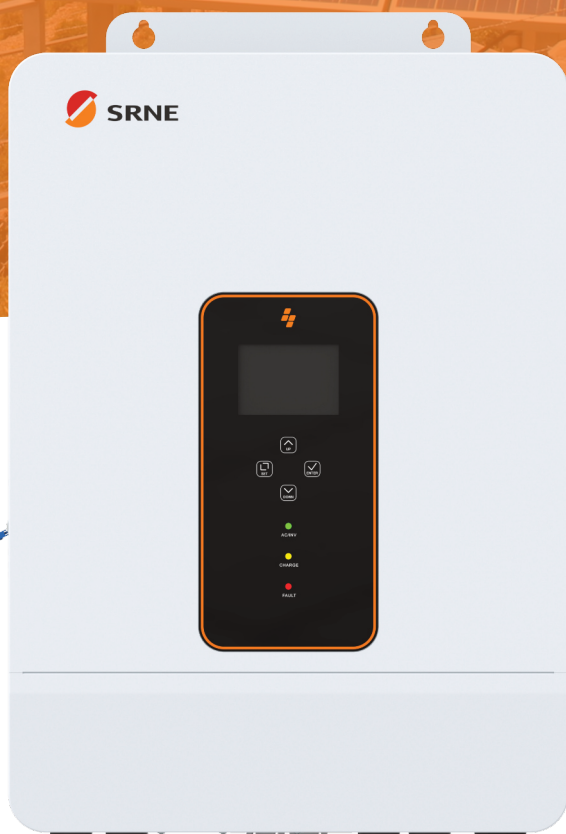




ASP 8-10kW

Single-Phase Off-grid
Solar Storage Inverter

- ☐ Compatible with 48V storage batteries
- ☐ 2 efficient, independent MPPT ports
- ☐ Aesthetically industrial design appearance
- ☐ Up to 10kW load power
- ☐ Time-slot function to save cost with peak-valley tariff



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	ASP4880S180-H		ASP48100S200-H	
INVERTER OUTPUT				
Rated Output Power	8,000W		10,000W	
Max. Output Power	16,000VA		20,000VA	
Rated Output Voltage	230Vac, single-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	90~275Vdc			
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	5 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 / IEC62477 / IEC62040 / NRS097-2-1			
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.