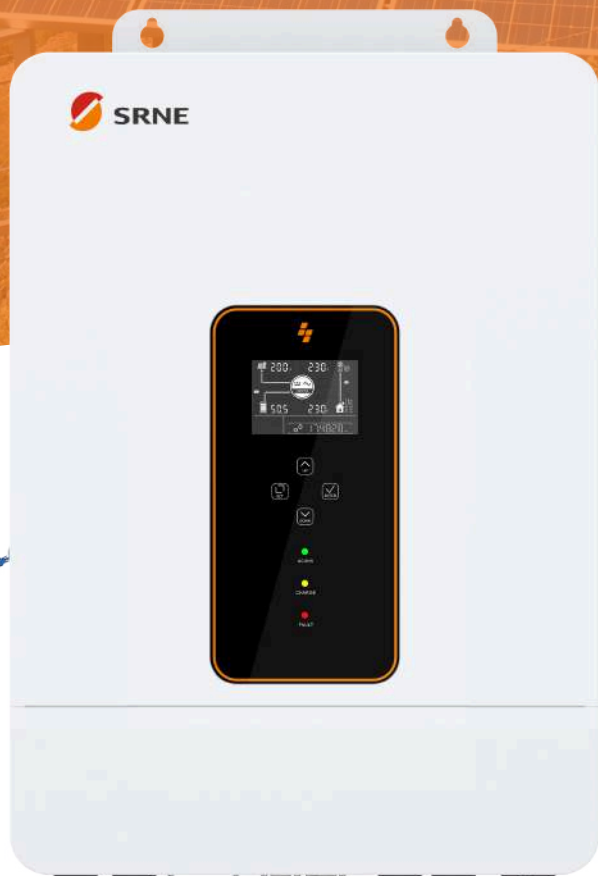




ASP 8-12kW

Single-Phase Off-grid
Solar Storage Inverter

- ☐ Compatible with 48V storage batteries
- ☐ 2 efficient, independent MPPT ports
- ☐ Aesthetically industrial design appearance
- ☐ Up to 12kW load power
- ☐ Time-slot function to save cost with peak-valley tariff



ABOUT SRNE

- ☐ SRNE 16 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.

Model	ASP4880S180-H	ASP48100S200-H	ASP48120S200-H
INVERTER OUTPUT			
Rated Output Power	8000W	10000W	12000W
Max. Output Power	16000VA	20000VA	24000VA
Rated Output Voltage	230Vac, single-phase		
Load capacity of Motors	5HP	6HP	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. Grid/Generator Charging Current	150A		
Max. Hybrid Charging Current	180A	200A	200A
SOLAR INPUT			
No. Of MPPT	2		
Max. PV Array Power	5500W+5500W	5500W+5500W	6600W+6600W
Max. Input Current	22A+22A		
Max. Open Circuit Voltage	500Vdc/500Vdc		
MPPT Voltage Range	125~425Vdc/125~425Vdc		
GRID/GENERATOR INPUT			
Input Voltage Range	90~275Vac		
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	620x445x130mm	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		
Certificate	RoHs/EN61000-6-1/EC61000-6-3/IEC62109-1/IEC62109-2		

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.