



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.

Model		ASP48100U200-H	
Inverter output			
Rated Output Power		10,000W	
Max. Output Power		20,000VA	
Rated Output Voltage	120Vac, single-phase/240Vac, split-phase		
Load capacity of Motors		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 Voltage Range	40~60Vdc		
Max. Solar Charging Current		200A	
Max. Grid/Generator Charging Current		120A	
Max. Hybrid Charging Current		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.