SRNE

2 YEARS WARRANTY

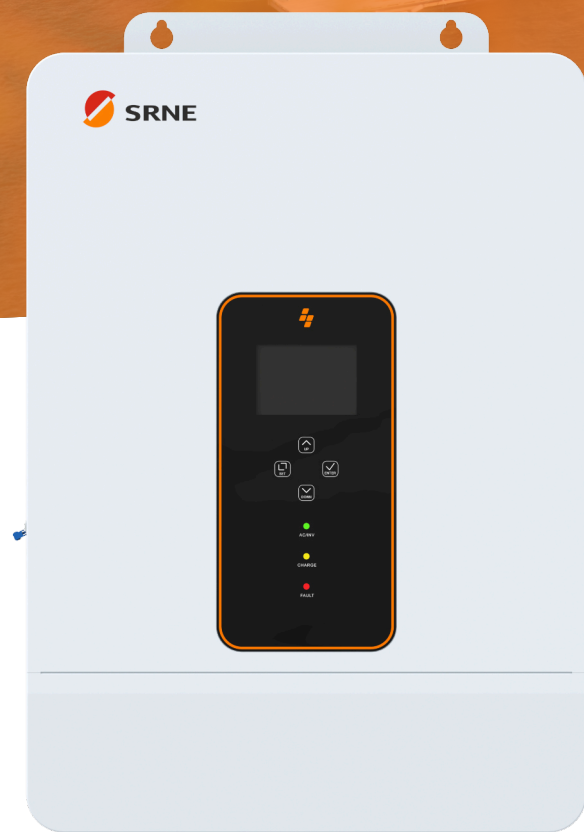# ASP 8~12kW

Three–Phase Off–Grid Solar Storage Inverter

☐ Supports parallel operation with power up to 72kW

☐ With Li–ion battery dual activation function

☐ Support three–phase pure sine wave output

☐ LCD large–screen dynamic flowchart design

☐ Supports 2 high efficient MPPT inputs

☐ Supports 4 charging modes

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.

Green Energy Changes the World

V1.0

MODEL	ASP4880SH3	ASP48100SH3	ASP48120SH3
AC OUTPUT			
Rated Output Power	8,000W	10,000W	12,000W
Max. Output Power	16,000VA	20,000VA	24,000VA
Rated Output Voltage	230/400Vac（three–Phase)		
Load Motor Capacity	5HP	6HP	
Rated Frequency	50/60Hz ±0.3		
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	100A	120A	120A
Max. Hybrid Charging Current	180A	220A	260A
SOLAR INPUT			
No. Of MPPT	2		
Max. Input Power	6,000W+6,000W	7,500W+7,500W	9,000W+9,000W
Max. Input Current	22A+22A		
Max. Open Circuit Voltage	800Vdc+800Vdc		
MPPT Voltage Range	200–650Vdc/200–650Vdc		
GRID/GENERATOR INPUT			
Input Voltage Range	Phase voltage 170~280V, Line voltage 305~485V		
Input Frequency Range	50/60Hz		
Bypass Overload Current	23.2A	29A	35A
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Efficiency	≥92%		
European Efficiency	97.2%	97.5%	

GENERAL DATA			
Parallel Capacity	1~6 Units		
Dimension	620*445*130mm	Humidity	0~100%
Weight	27kg	Cooling Method	Fan cooling
Protection Degree	IP20	Warranty	2 years
Temperature	–10~55℃, >45℃ Derate	Communication	RS485/CAN/USB/Dry Contact
External Module（Optional)	Wi–Fi/GPRS	Topology	Transformerless
Certificate	IEC62109/EN61000/RoHS		

PROTECTION

With PV input current/power limiting protection, PV input over–voltage, Anti–reverse charge protection at night, 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, nverter over–load protection, AC output reverse, Bypass over–current protection, Bypass phase inconsistency protection.