SRNE

NEW
BEST QUALITY

ASF series

All-in-one Solar Charge Inverter

ASF4880S180-H ASF48100S200-H

230V | 48V | 8-10KW | 500V | IP20

Efficient

- Dual MPPT with up to 99.9% efficiency
- Up to 22A PV input current perfect for high power modules

Reliable

- Outputs high quality pure sine wave AC power
- 8-10kW load power to meet the needs of most households

User-friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

Safety

- 360 degrees of security from hardware to software
- EU、IEC safety approvals

All-in-one

- Solar Charger Controller up to 200A charging current
- Support for Li-ion battery BMS communication

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley tariff

SRNE

MODEL	ASF4880S180-H	ASF48100S200-H	CAN BE SET
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max.Peak Power	16,000W	20,000W	
Rated Output Voltage	230Vac (L1/N/PE single-phase)		Y
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		Y
Waveform	Pure Sine Wave		
Switch Time	10ms (typical)		
Parallel capacity	/		
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		Y
Rated Battery Voltage	48Vdc		
Voltage Range	40-60Vdc		Y
Max.MPPT Charging Current	200A		Y
Max.Mains/Generator Charging Current	100A	120A	Y
Max.Hybrid Charging Current	180A	200A	Y
PV INPUT			
Num. of MPP Trackers	2		
Max.PV array power	11,000W		
Max.input current	22/22A		
Max.Voltage of Open Circuit	500Vdc		
MPPT Voltage Range	125-425Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90-270Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	32A		
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	92%		
GENERAL			
Dimensions	620*435*130mm		
Weight	20kg	21kg	
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15~55℃,>45℃ derated		
Noise	<60dB		
Cooling Method	Internal Fan		
Warranty	2 Years		
COMMUNICATION			
Embedded Interfaces	RS485 / CAN / USB / Dry contact		Y
External Modules (Optional)	Wi-Fi / GPRS		Y
CERTIFICATION			
Safety	IEC62109-1, IEC62109-2		
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B		
RoHS	Yes		