SRNE

NEW
★★★
BEST QUALITY

ASF series

Hybrid Solar Charge Inverter

ASF4880U180–H   ASF48100U200–H

| 120/240 | 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

/ User–friendly

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

/ All–in–one

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

/ Reliable

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

/ Safety

- 360 degrees of security from hardware to software
- EU and North American safety approvals

/ Intelligent

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

MODEL	ASF4880U180-H	ASF48100U200-H	CAN BE SET
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max.Peak Power	16,000W	20,000W	
Rated Output Voltage	120Vac (single phase L+N+PE) / 240Vac (split phase L1+L2+N+PE)		✓
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		✓
Waveform	Pure Sine Wave		
Switch Time	10ms (typical)		
Parallel capacity	/		
Output Mode	Off-grid (default) / On-grid / Hybrid		
BATTERY			
Battery Type	Li-ion / Lead-Acid / User Defined		✓
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		✓
Max.MPPT Charging Current	200A		✓
Max.Mains/Generator Charging Current	100A	120A	✓
Max.Hybrid Charging Current	180A	200A	✓
PV INPUT			
Num. of MPP Trackers	2		
Max.PV array power	5,500W + 5,500W		
Max.input current	22A + 22A		
Max.Voltage of Open Circuit	500Vdc + 500Vdc		
MPPT Voltage Range	125~425Vdc		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~140Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	63A		
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	92%		
GENERAL			
Dimensions	620*445*130mm (2*1.46*0.4ft)		
Weight	27kg (59.5lb)		
Protection Degree	IP20, Indoor Only		
Operating Temperature Range	-15~55℃,>45℃ derated (5~131℉, >113℉ derated)		
Noise	<60dB		
Cooling Method	Internal Fan		
Warranty	2 Years		
COMMUNICATION			
Embedded Interfaces	RS485 / CAN / USB / Dry contact		✓
External Modules (Optional)	Wi-Fi / GPRS		✓
CERTIFICATION			
Safety	IEC62109-1, IEC62109-2,UL1741		
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B		
RoHS	Yes		