



ASP series

Solar Storage Inverter

ASP4880S180-H ASP48100S200-H



Efficient

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 22A+22A PV input current

User-friendly

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

All-in-one

- Up to 200A charging current
- Supports Li-ion battery BMS communication

Reliable

- Outputs high quality pure sine wave AC power
- Up to 10kW rated output power

Safety

- Comprehensive security from hardware to software
- Multiple safety approvals

Intelligent

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

MODEL	ASP4880S180-H	ASP48100S200-H	CAN BE SET
INVERTER OUTPUT			
Rated Output Power	8,000W	10,000W	
Max. Peak Power	16,000W	20,000W	
Rated Output Voltage	230Vac, single-phase / three-phase, parallel		✓
Load Capacity of Motors	5HP	6HP	
Rated AC Frequency	50/60Hz		✓
Waveform	Pure sine wave		
Switch Time	10ms (typical)		
Output Mode	Off-grid (default) / power the load without battery		✓
BATTERY			
Battery Type	Li-ion / Lead-acid / User-defined		✓
Rated Battery Voltage	48Vdc		
Voltage Range	40~60Vdc		✓
Max. PV Charging Current	180A	200A	✓
Max. Mains/Generator Charging Current	100A	120A	✓
Max. Hybrid Charging Current	180A	200A	✓
PV INPUT			
Num. 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		
MAINS / GENERATOR INPUT			
Input Voltage Range	90~275Vac		
Frequency Range	50/60Hz		
Bypass Overload Current	63A		
EFFICIENCY			
MPPT Tracking Efficiency	99.9%		
Max. Battery Inverter Efficiency	92%		
GENERAL			
Num. of Parallel	1~6 units		
Dimensions	620*445*130mm		
Weight	27kg		
Protection Degree	IP20, indoor Only		
Operating Temperature Range	-10~55°C, >45°C derated		
Noise	<60dB		
Cooling Method	Built-in fan		
Warranty	2 Years		
COMMUNICATION			
Embedded Interfaces	RS485 / CAN / USB / Dry contact		✓
External Modules (optional)	Wi-Fi / GPRS		✓
CERTIFICATION			
Safety	IEC62109-1, IEC62109-2		
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B		
RoHS	Yes		