



HEBP-Pro 8-12kW

Hybrid Solar Storage Inverter

- ☐ Compatible with 48V storage batteries
- ☐ 2 efficient, independent MPPT ports
- ☐ Separate generator port
- ☐ Support AC-coupling
- ☐ Support time-slot function for peak-valley
- ☐ IP65 waterproof protection degree



ABOUT SRNE

- ☐ SRNE 16 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	HEBP4880U240-Pro	HEBP48100U240-Pro	HEBP48120U240-Pro	Settable
Inverter Output				
Rated Output Power	8800W	10000W	@240V 12000W @208V 10400W	
Max. Peak Power	1.5 times rated power @10S; 2 times rated power @0.5S			
Rated Output Voltage	120/240Vac (Split-phase) ; 120/208V(Three-phase)			✓
Output Voltage Error	@240V 36.6A @208V 42.3A	@240V 41.7A @208V 48.1A	50A	
Load Motor Capacity	5HP	6HP		
Rated AC Frequency	50/60Hz			✓
Waveform	Pure Sine Wave			
Parallel Capacity	1 to 6 units (2 or more units can form a three-phase output)			
Battery				
Battery Type	Li-ion / Lead-Acid / User Defined			✓
Rated Battery Voltage	48Vdc			
Battery Volatge Range	40 ~ 60Vdc			✓
Max. Grid Charging Current	200A			✓
Max. Generator Charging Current	90A			✓
Max. Hybrid Charging Current	240A			✓
PV Input				
No. of MPPT Trackers	2			
Max. PV Array Power	6600W / 6600W	7500W / 7500W	9000W / 9000W	
Max. PV Input Current	32A / 32A			
Short-Circuit Current Isc	40A / 40A			
Max. Open Circuit Voltage	550Vdc / 550Vdc			
MPPT Voltage Range	125 ~ 450Vdc / 125 ~ 450Vdc			
Grid / Generator Input				
Input Voltage Range	90 ~ 140Vac			
Input Frequency Range	50Hz / 60Hz			
Continuous Grid Passthrough Current	200A			
Efficiency				
MPPT Tracking Efficiency	99.9%			
Max. Efficiency	97.5%			
CEC Efficiency	96.5%			
Communication				
Communication Port	RS485 / CAN / USB / Dry contact			
External Modules (Optional)	Wi-Fi / GPRS			
Basic Data				
Dimensions	840*440*260mm			
Weight	48kg			
Protection Degree	IP65			
Operating Temperature Range	-25~60℃, >45℃ derated			
Noise	<60dB			
Self-comsumption	<100W			
Cooling Method	Heat sink + intelligent fan cooling			
Certified Specifications				
Safety Standards	UL1741&IEEE1547.1-2020, CEC, RULE 21, HECO			
EMC	FCC 15 class B			
RoHS	Yes			