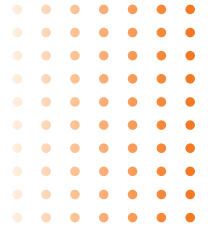




SRNE



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 @10 S; 2 times rated power @0.5 S | | | |
| Rated Output Voltage | 120/240Vac (Split-phase) ; 120/208V(Three-phase) | | | ✓ |
| Max. Continuous Output Current | @240V 36.6A @208V 42.3A | @240V 41.7A @208V 48.1A | 50A | |
| Load Motor Capacity | 5HP | 6HP | | |
| Locked Rotor Amps (LRA) | 123A (Ipeak) | | | |
| 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 Voltage 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 | Wi-Fi / GPRS (Optional) | | | |
| Basic Data | | | | |
| Dimensions | 840*440*260mm | | | |
| Weight | 48kg | | | |
| Protection Degree | IP65 | | | |
| Operating Temperature Range | -25~60°C, >45°C derated | | | |
| Noise | <60dB | | | |
| Self-consumption | <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 | | | |