



Xihe Series

Solar storage inverter

Efficiency

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

Safety

- Comprehensive security from hardware to software
- Multiple safety approvals

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 6 units in parallel connection

User-friendly

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

Intelligent

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

Application scenario



House



Farm



Telecom



Countryside



Island



Pasture

| MODELS | Xihe-8KLP1-EU | Xihe-10KLP1-EU | 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, be paralleled | | ✓ |
| Load Capacity of Motors | 5HP | 6HP | |
| Rated AC Frequency | 50/60Hz | | ✓ |
| Waveform | Pure Sine Wave | | |
| Switch Time | 10ms (typical) | | |
| Parallel Capacity | 1~6 units | | |
| Output Mode | Off-grid (default) / Hybrid | | ✓ |
| BATTERY | | | |
| Battery Type | Li-ion / Lead-acid / User-defined | | ✓ |
| Rated Battery Voltage | 48Vdc | | |
| Voltage Range | 40 ~ 60Vdc | | ✓ |
| Max. MPPT 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. Voltage of Open Circuit | 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 | | | |
| Dimensions | 620*445*130mm | | |
| Weight | 27kg | | |
| Protection Degree | IP20, Indoor Only | | |
| Operating Temperature Range | -10~55℃, >45℃ derated | | |
| Noise | <60dB | | |
| Cooling Method | Internal Fan | | |
| Warranty | 24 Months | | |
| 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 | | |