Xihe Series

Solar storage inverter

Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Multiple charge and discharge modes are available

Reliable

- Outputs high-quality pure sine wave AC power
- Power saving mode to reduce no-load loss

Safety

- 360 degrees of security from hardware to software
- Multiple safety approvals available

User-Friendly

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

All in one

- Support for many types of batteries
- Supports Li-ion battery BMS communication

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Remote monitoring operating parameters

Application scenario

House | Farm | Telecom | Countryside | Island | Pasture

MODEL	Xihe-3KLP1-EU-R	Can Be Set
INVERTER OUTPUT		
Rated Output Power	3,300W	
Max.Peak Power	6,000VA	
Rated Output Voltage	230Vac	✔
Load Capacity of Motors	2HP	
Rated AC Frequency	50Hz/60Hz	✔
Waveform	Pure Sine Wave	
Switch Time	10ms（typical）	
BATTERY		
Battery Type	Lead–acid / Li–ion / User defined	✔
Rated Battery Voltage	48V	
Voltage Range	40 ~ 60Vdc	✔
Max.MPPT Charging Current	60A	✔
Max.Mains/Generator Charging Current	60A	✔
Max.Hybrid Charging Current	120A	✔
PV INPUT		
Num. of MPPT Trackers	1	
Max.PV Array Power	3,400W	
Max.Input Current	40A	
Max.Voltage of Open Circuit	145Vdc	
MPPT Voltage Range	60-115Vdc	
UTILITY / GENERATOR INPUT		
Input Voltage Range	UPS mode：170 ~ 280Vac；APL mode：90 ~ 280Vac	✔
Frequency Range	50/60Hz	
Bypass Overload Current	30A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
GENERAL		
Dimensions	378*280*103mm (1.24*0.92*0.34ft)	
Weight	6.2kg (13.67lb)	
Protection Degree	IP20，indoor only	
Operating Temperature Range	-10℃~55℃	
Noise	≤60dB	
Cooling Method	Forced air cooling with adjustable air speed	
Warranty	18 Months	
COMMUNICATION		
Embedded Interfaces	RS485 / USB / Dry contact	✔
External Modules (Optional)	Wi-Fi / GPRS	✔
CERTIFICATION		
Safety	CE(IEC 62109-1)/CETL(UL1741 C22.2 NO.107.1)/FCC/SAA	
EMC	EN61000, C2	
RoHS	Yes	

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