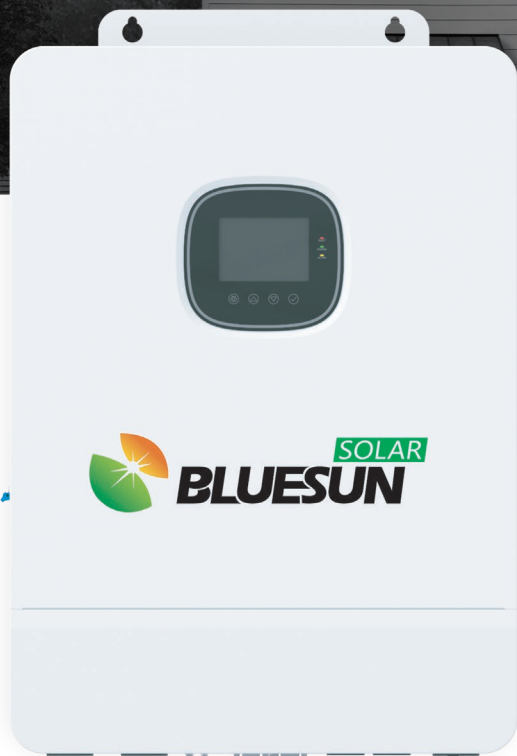




SPI-10K-UP

SPI series Solar Storage Inverter

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 and simple to use.

ALL-IN-ONE

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

RELIABLE

Outputs high quality pure sine wave AC power.
Up to 6 units in parallel connection.

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.

»» APPLICATION SCENARIO



House



Farm



Telecom



Countryside



Island



Pasture

MODEL	SPI-10K-UP	CAN BE SET
INVERTER		
Rated Output Power	10000W	
Max.Peak Power	20000W	
Rated Output Voltage	120Vac, single-phase / 240Vac, split-phase/three-phase, be paralleled	Y
Load Capacity of Motors	6HP	
Rated AC Frequency	50/60Hz	Y
Waveform	Pure Sine Wave	
Switch Time	10ms (typical)	
Parallel Capacity	1~6 units	
Output Mode	Off-grid (default) / Hybrid	Y
BATTERY		
Battery Type	Li-ion / Lead-Acid / User Defined	Y
Rated Battery Voltage	48Vdc	
Battery Voltage Range	40~60Vdc	Y
Max.MPPT Charging Current	200A	Y
Max.Mains/Generator Charging Current	120A	Y
Max.Hybrid Charging Current	200A	Y
PV INPUT		
Num. of MPPT Trackers	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	
UTILITY/ GENERATOR INPUT		
Input Voltage Range	90~140Vac	Y
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°C, >45°C derated	
Noise	<60dB	
Cooling Method	Internal Fan	
Warranty	18 Months	
COMMUNICATION		
Embedded Interfaces	RS485/CAN/USB/ Dry contact	Y
External Modules (Optional)	Wi-Fi / GPRS	Y
CERITIFACATION		
Safety	IEC62109-1, IEC62109-2,UL1741	
RoHs	Yes	
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B	