



# HYBRID INVERTER >>>

JHPV-5.5P-Ultra

## Performance characteristics

### 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  
Reliable output for long periods at rated power

### 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  
Support for remote monitoring of operating

## Technical parameters

MODEL	JHPV-5.5P-Ultra	CAN BE SET
INVERTER		
Rated Output Power	5,500W	
Max.Peak Power	11,000VA	
Rated Output Voltage	230Vac ( single phase/three phase-paralleled )	✓
Load Capacity of Motors	4HP	
Rated AC Frequency	50Hz/60Hz	✓
Waveform	Pure Sine Wave	
Switch Time	10ms ( typical )	
Parallel Capacity	1-6	

## Technical parameters



MODEL	JHPV-5.5P-Ultra	CAN BE SET
BATTERY		
Battery Type	Lead-acid / Li-ion / User defined	✓
Rated Battery Voltage	48V	
Voltage Range	40 ~ 60Vdc	✓
Max.MPPT Charging Current	100A	✓
Max.Mains/Generator Charging Current	60A	✓
Max.Hybrid Charging Current	100A	✓
PV INPUT		
Num. of MPPT Trackers	1	
Max.PV Array Power	6,000W	
Max.Input Current	22A	
Max.Voltage of Open Circuit	500Vdc	
MPPT Voltage Range	120-450Vdc	
UTILITY/ GENERATOR INPUT		
Input Voltage Range	UPS mode : 170 ~ 280Vac ; APL mode : 90 ~ 280Vac	✓
Frequency Range	50/60Hz	
Bypass Overload Current	40A	
EFFICIENCY		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
GENERAL		
Dimensions	426*322*124mm (1.40*1.06*0.41ft)	
Weight	10.5kg (23.15lb)	
Protection Degree	IP20, Indor Only	
Operating Temperature Range	-10 ~55	
Noise	60dB	
Cooling Method	Internal Fan	
Warranty	1.5 Years	
COMMUNICATION		
Embedded Interfaces	RS485 / USB / Dry contact	✓
External Modules ( Optional )	Wi-Fi / GPRS	✓
CERTIFICATION		
Safety	CE(IEC 62109-1)/ cETL(UL 1741 C22.2 NO.107.1) /FCC/SAA	
EMC	EN61000	
RoHS	Yes	