

500W GRID-TIE INVERTER



Feature:

- ◇ Perfect Pure Sine Wave Output Form
- ◇ DSP chip controlled
- ◇ High efficiency by using advanced IGBT
- ◇ High utilization of solar energy by using MPPT (Maximum Power Point Tracking) technology
- ◇ Aluminum radiator to guarantee long-term heat dissipation
- ◇ Perfect protection functions
- ◇ Protection of wrong polarity connection to avoid the damages by incorrect operation
- ◇ Full power output under harsh circumstance
- ◇ Anti-Islanding Protection
- ◇ Stackable (connect in parallel for higher output)
- ◇ Simple and safe installation

Performance Parameter:

Model		JP-500G-241	JP-500G-481	JP-500G-242	JP-500G-482
Power of solar panels recommended		600Wp			
Input	MPPT voltage range	DC 10.8~30V	DC 22~60V	DC 10.8~30V	DC 22~60V
Output	Normal AC Output Power	500W			
	Maximum AC Output Power	550W			
	AC Output Voltage Range	90V ~ 130V		180V ~ 260V	
	Frequency	46Hz ~ 65Hz			
	Phase	Single phase			
	Power factor	>0.99			
	Max current	4.5A		2.2A	
	THD	At rated power and the sine wave <5%			
	Efficiency	>92%			
	Standby power consumption	<0.5W			
Structure	Cooling method	Cooling Fan			
	Noise	<30dB			
Protection	Inverter	Input over voltage, output short circuit, overload overheat			
	Grid	Anti-islanding, over/under voltage of grid, over/under frequency of grid			
	Anti-voltage protection	Alarm			

Environment	Operation temperature range	-25℃~40℃（50℃）
	Stored temperature	-30℃~60℃
	Relative humidity	0~99%
	Environment	Have no corrosion gas, flammable gas, oil mist, dust etc.
	Waterproof	Indoor Type Design, Non-waterproof
	Elevation	6600feet (2000m)
Size	L*W*H	270*146*73mm
Weight	KG	2.1kg