

HYBRID OFF GRID INVERTER



FEATURE

1. 64-bits DSP Intelligent control chipset.
2. LED and LCD display with multi- function , Real- time display of dynamic values .
3. Built-in PWM/MPPT solar charging controller, maximize the solar energy.
4. Built- in automatic AC charger and automatic AC mains switcher. Switch time <5ms.
5. High Transfer efficiency is above 90%.
6. Continuous stable pure sine wave output with built-in AVR stablizer.
7. times surge power , excellent loading capability.

Technical Data

Model		S-PL-1K-12	S-PL-2K-12	S-PL-3K-24	S-PL-5K-48
Rated capacity		1000VA	2000VA	3000VA	5000VA
		800W	1600W	2400W	4000W
Input	Voltage	(145-275)VAC	(170-275)VAC		
	Frequency	(50Hz/60Hz±5Hz)Auto			
Output	Voltage	AC220V+5% (battery mode)			
	Frequency	50/60Hz±1% (battery mode)			
Output waveform		Pure Sine			
Efficiency		>90%			
Solar input voltage		24V(PWM) < 55VDC 12V(PWM) < 30VDC	(MPPT) < 150VDC / 48V(PWM) < 100VDC / 24V(PWM) < 55VDC		
Solar charge current		30A	40A		60A
Battery		Optional			
Battery rated voltage		12VDC	24VDC		48VDC
Max AC charge current		5 - 15 A	5 - 50 A		
Protect		Overload , short , circuit , battery high and low voltage and AC input high and low voltage protection			
Conversion way		Interactive			
Capacity of overload		110%~120% turn to bypass after 30secs,160% maintain 300ms and then shut down			
Operating enviroment	Temperature	-20 - +75°C			
	Humidity	10%-90%			
Size:L*W*H(mm)		280x130x290	397X154X474		456X161X513
Weight (kg)		18 kg.	20.5 kg.	23 kg.	27.4 kg.

Ordering information				
Model No.	S-PL-1K-12	S-PL-2K-12	S-PL-3K-24	S-PL-5K-48
Part No.	608001	608002	608003	608004
Packing unit	1 pc(s).			

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