



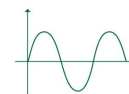
FEATURES

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 $\leq 5\text{ms}$.
5. High Transfer efficiency is above 90%.
6. Continuous stable pure sine wave output with built-in AVR stablizer.
7. 3 times surge power, excellent loading capability.

Technical Parameter

PL-series

Model	PL-1KVA	PL-2KVA	PL-3KVA	PL-4KVA	PL-5KVA	PL-6KVA
Rated capacity	1000W	2000VA (1600W)	3000VA (2400W)	4000VA (3200W)	5000VA (4000W)	6000VA (4800W)
Input	Voltage	(145-275)VAC	(170-275)VAC			
	Frequency	(50Hz/60Hz $\pm 5\text{Hz}$)Auto				
Output	Voltage	AC220V $\pm 5\%$ (battery mode)				
	Frequency	50/60Hz $\pm 1\%$ (battery mode)				
Output waveform	Sine wave					
Efficiency	$\geq 90\%$					
Solar input voltage	24V(PWM) < 55VDC 12V(PWM) < 30VDC	(MPPT) < 150VDC / 48V(PWM) < 100VDC / 24V(PWM) < 55VDC				
Solar charge current	30A	60A		80A		
Battery	Optional					
Battery rated voltage	12/24VDC	24/48VDC		24/48VDC		48VDC
Max AC charge current	5~15A	5~50A		5~50A		
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 environment	Temperature	-20- +75°C				
	Humidity	10%-90%				
Size: L*W*H(mm)	280x130x290	397X154X474		456X161X513		
G.W(kg)	18(2pcs)	20.5(1pc)	23(1pc)	25.9(1pc)	27.4(1pc)	29.5(1pc)



UPS With MPPT PV charge

FEATURES

1. LCD screen display
2. Built-in 20A MPPT charge controller
3. Built-in 15A AC charger
4. Rated power 1000W, Peak power 2000W
5. Built-in electric relay of bypass AC, True uninterruptable power supply
6. True sine waveform output, Input and output are completely independent
7. Conversion efficiency is up to 88% with power saving mode
8. Most competitive price ever
9. Multiple protections of Input reverse polarity/undervoltage/overvoltage/short circuit/overload/over temperature

<<Hybrid High-frequency Photovoltaic Inverter



Technical Parameter

SON-SUW1500VA

Model	SON-SUW1500VA	
Built-in solar controller	500W Buck Type Control	
Solar Panel SPECS	30V~120V 500W (Max)	
External battery	24V 100Ah~150Ah	
Capacity	1500VA	
AC Input	Voltage	AC180~240V
	Frequency	50Hz $\pm 10\%$
DC Entered	Voltage	DC24V
	Low Voltage	DC20V
	Over Voltage	DC29V
AC Output	Voltage	AC220V $\pm 5\%$ (DC) 190-240V (AC)
	Power	1000W
	Frequency	50 $\pm 0.5\text{Hz}$ (DC) Synchronization Mains (AC)
	waveform	Sine Wave
Charging Time	Efficiency	88% (DC TO AC)
	Charging	Maximum charging current 15A
Conversion Time	Charging	8~15 Hours 90%
		$\leq 6\text{ms}$
Protection	Overload Protection, Short Circuit Protection, High Voltage Protection and low Voltage Protection	
Alarm	When the battery voltage close to the critical point, the alarm changed	
Environment	Noise	$\leq 45\text{dB}$
	Temperature	0°C ± 40 °C
	Humidity	10% $\pm 90\%$
Dimensions	475.5*178*83.5mm	