

## 1000W Pure Sine Wave Power Inverter with Charger



Feature: • High overload ability • Low battery voltage trip selectable, extracting max power from various batteries with different protections. •

Low quiescent current, selectable sensing cycle to reduce power consumption. • 3-step intelligent battery charging. • 8 preset battery type selector plus de-sulphation for totally flat batteries. • Powerful charge rate up to 70Amp, selectable charging current. • PFC(Power Factor Correction) for charger, less power consumption than conventional units.

Model No.	PSW7-1000	
Nominal Power	1000W	
AC Input		
Phase & waveform	Single phase & sinewave	
Voltage	120VAC/230VAC	
Acceptable Voltage	194-243VAC\164-243VAC(wide mode)	
Line Low Transfer	85V±4%/184(154 wide mode±4%)	
Line Low Return	95V±4%/194(164 wide mode±4%)	
Line high Transfer	135V±4%/253±4%	
Line high Return	127V±4%/243±4%	
Frequency	50Hz or 60Hz (auto sensing)	
Line Low Transfer	47Hz for 50Hz,57Hz for 60Hz	
Line high Transfer	55Hz for 50Hz,65Hz for 60Hz	
Output		
Phase & waveform	Single phase & sinewave(bypass mode sync to input)	
Voltage	230VAC(bypass mode sync to input)	
Voltage Regulation	±10%rms(bypass mode sync to input)	
Frequency	50Hz±0.3Hz(bypass mode sync to input)	
Crest Power	3 times of ratings	
Short Circuit Protection	Yes,shutdown after 10 s	
Power Factor	0.9-1.0	
DC Input		
Battery Voltage	12V	
Minimum Start Voltage	10V	
Low Battery Alarm	10.5V	
Low Battery Transfer	10V	
High Voltage Alarm	16V	
Max Charging Current	35A	
Over Charge Voltage	15.7V	
Transfer Efficiency		
line Mode	>95%	
Battery Mode	>88%	
power saver	Available when the load is less than 25 Watts	
Indicators		
LED /LCD	Line mode,Charging Mode,inverter mode, Fault	
Protections	low battery,over charging,over temp,over load	
Environmental		
Operating Environment	0-40°C,0-90%RH(non-condensing)	
Audible Noise	<60dB	
Physical		
Net Weight(KG)	18	
D X W X H(mm)	218X179X442	