

## PURE SINEWAVE INVERTER

Our factory is a manufacturer dedicated in Power Inverters and Battery Chargers products designing for over 25 years in Taiwan and it is an ISO 9001:2000 quality accredit company.

Features: advance microprocessor regulated AC power output without pollution and interruption for application small and lightweight, easy to install, and operates silently

Protections: input low voltage, input over voltage, low battery alarm, over-temperature, over load, short circuit, reverse polarity

Indicators: over/under voltage, over temperature, over load, battery voltage meter, load meter

Application: kitchen appliances, household items, power tools, home entertainment electronics, office equipment, satellite equipment, rescue, emergency back-up power, and much much more!



### Technical specification:

	Model Number	PSW121kVAE, PSW241kVAE, PSW481kVAE
	Nominal Input Voltage	12, 24 or 48VDC
	Input Voltage Range	12 (10-16), 24 (20-32), 48 (42-62) VDC
	Voltage Out	200 / 220 / 230 / 240V RMS $\pm$ 3%
	Continuous Power	850 Watts (1 kVA)
	Surge Rating	900W/1Mins , 950W/3Sec , 1000W/1Sec
	Output Frequency	50/60Hz $\pm$ 0.05% , switch Selectable
	Output Waveform	Pure Sine Wave
	THD	Less than 3 %
	Efficiency	87- 92% depend on DC input voltage
	Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, Over Temperature
	Digital Metering	OVP, UVP, OTP ,OLP, VAC,AMP, WATT, VDC, TEMP, Hz
	Cooling	Thermostatically controlled cooling fan
	Operating Temperature	0 – 50° C
	Input Bypass Voltage	220 VAC (180-260VAC)
	Transfer time to bypass	4 – 6 mS
	Weight	6.8kg
	Dimension	409(L) x484(W) x44(H) mm

**OUTPUT RECEPTACLES**

Type-1   Type-2   Type-3  
Type-4   Type-5   Type-6  
Type-7

