

6F-1, No.150, Jian Yi Road, Zhonghe Dist., New Taipei City 235, TAIWAN, R.O.C.

TEL: 886-2-8226-5158 FAX:886-2-82265150

<http://www.asian-electron.com>

e-mail: [sales@asian-electron.com](mailto:sales@asian-electron.com)



## PSW700W Series Pure Sine Wave Inverter

### Features

- Pure sine wave output (THD < 3%) R Load
- Output frequency : 50 / 60Hz switch
- RS – 232C interface / remote control port / wire connection to PC
- Wired remote control
- Loading and Temperature controlled cooling fan
- Compact size for convenient use and storage
- Advanced microprocessor
- Protection :
  - Input Undervoltage
  - Input Overvoltage
  - Overload
  - Short circuit
  - Low battery alarm
  - Over temperature

## Electrical Performance : 700W

Specification	Model					
Item	YK-PSW1270	YK-PSW2470	YK-PSW4870	YK-PSW1270E	YK-PSW2470E	YK-PSW4870E
Continuous Output Power	700W					
Maximum Output Power	780W (3Min.)					
Surge Rating	1400W					
Input Voltage	12V	24V	48V	12V	24V	48V
Input Voltage Range	10-16VDC	20-32VDC	42-62VDC	10-16VDC	20-32VDC	42-62VDC
DC Input Over Voltage Alarm	15.5VDC	31.0VDC	61.0VDC	15.5VDC	31.0VDC	61.0VDC
DC Input Over Voltage Shut-down	16.0VDC	32.0VDC	62.0VDC	16.0VDC	32.0VDC	62.0VDC
DC Input Under Voltage Alarm	10.5VDC	21.0VDC	43.0VDC	10.5VDC	21.0VDC	43.0VDC
DC Input Under Voltage Shut-down	10.0VDC	20.0VDC	42.0VDC	10.0VDC	20.0VDC	42.0VDC
Output Voltage	100/110/115/120V(Switch Selectable)RMS±3%			200/220/230/240V(Switch Selectable)RMS±3%		
<b>Frequency</b>	<b>50/60Hz ± 0.05% (Switch Selectable)</b>					
Peak Output Current	13A			6A		
<b>Efficiency (full load)</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>93%</b>	<b>94%</b>
No Load Current Draw	0.87A	0.43A	0.23A	0.83A	0.43A	0.22A
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt; 3% THD</b>					
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage Over Temperature.					
Safety	EN60950-1:2006 & IEC60950-1: 2005(2nd Edition)					
EMC	FCC Class B			EN55022:2010 /AC:2011 (Class B) EN55024: 2010 EN61000-3-2: 2006+A1:2009+A2:2009 EN61000-3-3: 2013 IEC 61000-4-2:2008 IEC61000-4-3:2006+A1:2007+A2:2010 IEC61000-4-4:2012 IEC61000-4-5:2005 IEC61000-4-6:2008 IEC61000-4-8:2009 IEC61000-4-11:2004		
Digital Display	OVP、UVP、OTP、OLP、VAC、AMP、WATT、VDC、TEMP、Hz					
Interface Control Port	RS-232C With Baud Rate 2400, 4800, 9600,19200 (Switch Selectable)					
Remote Control Unit	Optional					
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading and Temperature controlled cooling fan					
Dimensions	298 (L) × 179 (W) × 81 (H) mm					
Weight	2.8kgs					

The specifications are subject to change without notice.