



## **PSW1500W Series Pure Sine Wave Inverter**

### **Features**

- Pure sine wave output (THD < 3%) R Load
- Output frequency : 50 / 60Hz switch
- Low power “Power Saving Mode” to conserve energy
- RS – 232C interface / remote control port / wire connection to PC
- Wired remote control
- Loading and Temperature controlled cooling fan
- Advanced microprocessor
- Protection: Input Undervoltage  
Input Overvoltage  
Overload  
Short circuit  
Low battery alarm  
Over temperature

## Electrical Performance : 1500W

Specification	Model					
Item	YK- PSW12150	YK- PSW24150	YK- PSW48150	YK- PSW12150E	YK- PSW24150E	YK- PSW48150E
Continuous Output Power	1500W					
Maximum Output Power	1650W(3mins)					
Surge Rating	3000W					
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	31VDC	61VDC	15.5VDC	31VDC	61VDC
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
<b>Frequency</b>	<b>50/60Hz ± 0.05%( Switch Selectable)</b>					
Peak Output Current	25A			11A		
<b>Efficiency (full load)</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>
No Load Current Draw	1.2A	0.55A	0.3A	1.6A	0.7A	0.36A
Stand by Current Draw	≤ 1.5W Power Saving Mode					
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt;3% THD</b>					
Output Voltage adjustment	100 ~120V (Tune VR)			200 ~ 240V (Tune VR)		
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temperature					
Digital Display	OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz					
Safety	EN60950-1					
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 IEC61000-4-6:2008 IEC61000-4-8:2009				E-Mark E9-10R-02,6033
Power Saving Recovery Time	8 Seconds					
Interface Control Port	RS-232C With Baud Rate 2400, 4800,9600,19200 (Switch Selectable)					
Operating Temperature Range	-20℃ to 50℃					
Storage Temperature Range	-30℃ to 70℃					
Cooling	Loading and Temperature controlled cooling fan					
Dimensions	388(L) ×278(W) ×102(H) mm					
Weight	7.2kgs					