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PSW1000W 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 : 1000W

Specification	Model					
Item	YK- PSW12100	YK- PSW24100	YK- PSW48100	YK- PSW12100E	YK- PSW24100E	YK- PSW48100E
Continuous Output Power	1000W					
Maximum Output Power	1150W (3Min.)					
Surge Rating	2000W					
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%		
Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Current	18A			9A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No Load Current Draw	1.07A	0.63A	0.43A	0.93A	0.47A	0.31A
Output Waveform	R Load Pure Sine Wave < 3% THD					
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	334 (L) × 179 (W) × 81 (H) mm					
Weight	3.8kgs					

The specifications are subject to change without notice.