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PST700W Series Pure Sine Wave Inverter

Features

- Pure Sine Wave output (THD < 3%) R Load
- Output frequency: 50/60Hz switch
- Bypass Function
- 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 : 700W

Specification	Model					
Item	YK-PST1270	YK-PST2470	YK-PST4870	YK-PST1270E	YK-PST2470E	YK-PST4870E
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%		
Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Current	13A			6A		
Efficiency (full load)	88%	90%	91%	92%	93%	94%
No Load Current Draw	0.87A	0.43A	0.23A	0.83A	0.43A	0.22A
Output Waveform	R Load Pure Sine Wave < 3% THD					
P.F.	1.0			1.0		
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	EN60950-1:2006 & IEC60950-1: 2005(2nd Edition)					
EMC	FCC Class B			EN55022:2010+AC: 2011, Class B EN55024: 2010 IEC61000-4-2 Ed. 2.0:2008 IEC61000-4-3 Ed. 3.2:2010 IEC61000-4-8 Ed. 2.0:2009		
Remote Control Unit	Optional					
AC Input	110VAC			220VAC		
AC Frequency	(50Hz ~ 60 Hz) ± 3%			(50Hz ~ 60 Hz) ± 3%		
By Pass	4~6ms			4~6ms		
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading and Temperature controlled cooling fan					
Dimensions	297.8 (L) × 178.6 (W) × 81 (H) mm					
Weight	2.8kgs					

The specifications are subject to change without notice.