

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



PST1500W 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 : 1500W

Specification	Model					
Item	YK-PST 12150	YK-PST 24150	YK-PST 48150	YK-PST 12150E	YK-PST 24150E	YK-PST 48150E
Continuous Output Power	1500W					
Surge Rating	1650W (3min.)					
Peak	3000W					
Input Voltage	12V	24V	48V	12V	24V	48V
Input Voltage Range	10-16 VDC	20-32 VDC	42-62 VDC	10-16 VDC	20-32 VDC	42-62 VDC
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(SwitchSelectable) RMS±3%			200/220/230/240V(Switch Selectable) RMS±3%		
Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Current	20A			10A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No load Current Draw	1.18A	0.49A	0.33A	1.22A	0.56A	0.38A
Output Waveform	R Load Pure Sine Wave < 3% THD					
P.F.	1.0			1.0		
LED indicator	On Line; By Pass; Power; OLP; UVP/OVP; OTP					
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temp					
Safety	EN 60950-1: 2006+A11:2009 & IEC 60950-1: 2005 (2nd Edition)					
EMC	FCC Class B			EN 55022:2006+A1: 2007 EN 55024: 1998+A1: 2001+A2: 2003 EN 61000-3-2:2006+A2: 2009 EN 61000-3-3:2008 IEC 61000-4-2: 2008 IEC 61000-4-3: 2010 IEC 61000-4-4: 2011 IEC 61000-4-5: 2005 IEC 61000-4-6: 2008 IEC 61000-4-8: 2009 IEC 61000-4-11: 2004		
Remote Control Unit	Optional					
AC Input	110VAC			220VAC		
AC Frequency	(50Hz ~ 60 Hz) ± 3%			(50Hz ~ 60 Hz) ± 3%		
Bypass	4~6ms			4~6ms		
Operating Temp Range	-20°C to 50°C					
Storage Temp Range	-30°C to 70°C					
Cooling	Loading and Temperature controlled cooling fan					
Dimensions	370(L) ×188.6(W) ×94.2(H) mm					
Weight	4.8kgs					

The specifications are subject to change without notice