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## PST2000W 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: 2000W Pure Sine Wave Inverters + Bypass Function(STS)

Specification	Model									
Item	YK-PST 12200	YK-PST 24200	YK-PST 48200	YK-PST 110200	YK-PST 220200	YK-PST 12200E	YK-PST 24200E	YK-PST 48200E	YK-PST 110200E	YK-PST 220200E
Continuous Output Power	2000W									
Surge Rating	2300W (3mins)									
Peak	4000W									
Input Voltage	12V	24V	48V	110V	220V	12V	24V	48V	110V	220V
<b>Frequency</b>	<b>50/60Hz ± 0.05% (Switch Selectable)</b>									
Output Voltage Adjustment	100~120VAC (Tune VR)					200~240VAC (Tune VR)				
Peak Output Current	36A					18A				
<b>Efficiency (full load)</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>94%</b>	<b>94%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>94%</b>
No load Current Draw	1.25A	0.56A	0.32A	0.38A	0.18A	1.79A	0.87A	0.40A	0.40A	0.20A
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt; 3% THD</b>									
P.F.	1.0					1.0				
Input Voltage Range	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC
DC Input over voltage alarm	15.5VDC	31.0VDC	61.0VDC	135.0VDC	270.0VDC	15.5VDC	31.0VDC	61.0VDC	135.0VDC	270.0VDC
DC Input over voltage shut-down	16.0VDC	32.0VDC	62.0VDC	140.0VDC	275.0VDC	16.0VDC	32.0VDC	62.0VDC	140.0VDC	275.0VDC
DC Input under voltage alarm	10.5VDC	21.0VDC	43.0VDC	95.0VDC	185.0VDC	10.5VDC	21.0VDC	43.0VDC	95.0VDC	185.0VDC
DC Input under voltage shut-down	10.0VDC	20.0VDC	42.0VDC	90.0VDC	180.0VDC	10.0VDC	20.0VDC	42.0VDC	90.0VDC	180.0VDC
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 A					EN 55022: 2006 · Class A EN 55024:1998+A1:2001+A2:2003 EN 61000-3-2: 2006 EN 61000-3-3: 1995+ A1:2001+A2:2005				
Remote Control Unit	Optional									
AC Input	110VAC					220VAC				
AC Frequency	(50Hz ~ 60 Hz) ± 3%					(50Hz ~ 60 Hz) ± 3%				
Bypass	4~6ms					4~6ms				
Operating Temperature Range	-20°C to 50°C									
Storage Temperature Range	-30°C to 70°C									
Dimensions	413(L) x278(W) x102(H) mm									
Cooling	Loading and Temperature controlled cooling fan									
Weight	7.2kgs									

The specifications are subject to change without notice