

Electrical Performance: 1000W

Specification	Model					
Item	YK-PST12100	YK-PST24100	YK-PST48100	YK-PST12100E	YK-PST24100E	YK-PST48100E
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	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	1.11A	0.52A	0.32A	1.17A	0.59A	0.40A
Output Waveform	R Load Pure Sine Wave < 3% THD					
P.F.	1.0			1.0		
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, 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			EN55022:1998/ A1:2000/A2:2003 (Class B) EN55024: 1998/ A1:2001/A2:2003 EN61000-3-2: 2000/ A2:2005 EN61000-3-3: 1995/A1:2001 IEC61000-4-2:1995/ A1:1998/A2:2000 IEC61000-4-3:2002/A1:2002 IEC61000-4-4:2004 IEC61000-4-5:1995/ A1:2000 IEC61000-4-6:1996/A1:2001 IEC61000-4-8:1993/A1:2000 IEC61000-4-11:2004		
Power Saving	Optional					
RS232 interface	Optional					
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					
Cooling	Loading controlled cooling fan					
Dimensions	340 (L) × 179 (W) × 81 (H) mm					
Weight	4kgs					

Remark: The specifications are subject to change without notice