



Electrical Performance: 5000W

Specification	Model							
Item	YK-PST 24500	YK-PST 48500	YK-PST 110500	YK-PST 220500	YK-PST 24500E	YK-PST 48500E	YK-PST 110500E	YK-PST 220500E
Continuous Output Power	5000W							
Max. Output Power	5200W (3mins)							
Surge Rating	10000W							
Input Voltage	24V	48V	110V	220V	24V	48V	110V	220V
Frequency	50/60Hz ± 0.05% (Switch Selectable)							
Output Voltage Adjustment	100~120VAC (Tune VR)				200~240VAC (Tune VR)			
Peak Output Current	60A				30A			
Efficiency (full load)	85%	87%	90%	92%	90%	92%	94%	94%
No load Current Draw	1.64A	0.82A	0.42A	0.24A	1.30A	0.68A	0.35A	0.18A
Output Waveform	R Load Pure Sine Wave < 3% THD							
P.F.	1.0				1.0			
Input Voltage Range	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC
DC Input over voltage alarm	31VDC	61VDC	135VDC	270VDC	31VDC	61VDC	135VDC	270VDC
DC Input over voltage shut-down	32VDC	62VDC	140VDC	275VDC	32VDC	62VDC	140VDC	275VDC
DC Input under voltage alarm	21VDC	43VDC	95VDC	185VDC	21VDC	43VDC	95VDC	185VDC
DC Input under voltage shut-down	20VDC	42VDC	90VDC	180VDC	20VDC	42VDC	90VDC	180VDC
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	Meet EN60950-1							
EMC	FCC Class A				EN 55022:2006, Class A EN 61000-3-2: 2006 EN 61000-3-3: 1995+A1: 2001+A2: 2005			
Interface Control Port	RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)							
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	495(L) × 323(W) × 142(H) mm							
Weight	19kg							

Remark: The specifications are subject to change without notice