



Asian Electron Co., Ltd.

Electrical Performance : 2000W Pure Sine Wave Inverters

Specification	Model									
Item	YK- PSW 12200	YK- PSW 24200	YK- PSW 48200	YK-PSW 110200	YK-PSW 220200	YK-PSW 12200E	YK-PSW 24200E	YK-PSW 48200E	YK-PSW 110200E	YK-PSW 220200E
Continuous Output Power	2000W									
Maximum Output Power	2300W (3mins)									
Surge Rating	4000W									
Input Voltage	12V	24V	48V	110V	220V	12V	24V	48V	110V	220V
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	31VDC	61VDC	135VDC	270VDC	15.5VDC	31VDC	61VDC	135VDC	270VDC
DC Input over voltage shut-down	16.0VDC	32.0VDC	62.0VDC	140VDC	275VDC	16.0VDC	32.0VDC	62.0VDC	140VDC	275VDC
DC Input under voltage alarm	10.5VDC	21.0VDC	43.0VDC	95VDC	185VDC	10.5VDC	21.0VDC	43.0VDC	95VDC	185VDC
DC Input under voltage shut-down	10.0VDC	20.0VDC	42.0VDC	90VDC	180VDC	10.0VDC	20.0VDC	42.0VDC	90VDC	180VDC
Output Voltage adjustment	100 ~120V (Tune VR)					200 ~ 240V (Tune VR)				
Frequency	50/60Hz \pm 0.05% (Switch Selectable)									
Peak Output Current	35A					16A				
Efficiency (full load)	86%	88%	89%	94%	94%	87%	90%	92%	94%	94%
No Load Current Draw	1.25A	0.56A	0.32A	0.38A	0.18A	1.79A	0.87A	0.40A	0.4A	0.2A
Stand by Current Draw	\leq 1.5W Power Saving Mode									
Output Waveform	R Load Pure Sine Wave < 3% THD									
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									
EMC	FCC Class B					EN 55022: 2006, Class A EN 55024:1998+A1: 2001+A2: 2003 EN 61000-3-2:2006 IEC 61000-4-2 Edition 1.2: 2001-04 EN 61000-3-3:1995+ A1:2001+A2: 2005 IEC 61000-4-3 Edition 3.0: 2006 IEC 61000-4-4: 2004 IEC 61000-4-5 Edition 2.0: 2005 IEC 61000-4-6 Edition 2.2: 2006 IEC 61000-4-8 Edition 1.1: 2001-03 IEC61000-4-11 Second Edition: 2004-03				
Power Saving Recovery Time	8 seconds									
Interface Control Port	RS-232 With Baud Rate 2400, 4800,9600,19200 (Switch Selectable)									
Remote Control Unit	Optional (RF Remote Control) or (wire Control)									
Operating Temperature Range	-20 $^{\circ}$ C to 50 $^{\circ}$ C									
Storage Temperature Range	-30 $^{\circ}$ C to 70 $^{\circ}$ C									
Dimensions	413(L) x278(W) x102(H) mm									
Cooling	Loading controlled cooling fan									
Weight	7.2kgs									

Note: The specifications are subject to change without notice.