



Asian Electron Co., Ltd.

Electrical Performance : 1500W Pure Sine Wave Inverters

Specification	Model						
Item	YK-PSW12150	YK-PSW24150	YK-PSW48150	YK-PSW12150E	YK-PSW24150E	YK-PSW48150E	
Continuous Output Power	1500W						
Maximum Output Power	1650W(3mins)						
Surge Rating	3000W						
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	31VDC	61VDC	15.5VDC	31VDC	61VDC	
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	
Frequency	50/60Hz \pm 0.05%(Switch Selectable)						
Peak Output Current	25A			11A			
Efficiency (full load)	86%	88%	89%	87%	90%	92%	
No Load Current Draw	1.2A	0.55A	0.3A	1.6A	0.7A	0.36A	
Stand by Current Draw	\leq 1.5W Power Saving Mode						
Output Waveform	R Load Pure Sine Wave <3% THD						
Output Voltage adjustment	100 ~120V (Tune VR)			200 ~ 240V (Tune VR)			
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	UL 458 (File No.: E228561)			EN60950-1			
EMC	FCC Class B	EN55022: 1998/A1:2000/A2:2003(Class B) EN55024: 1998/A1:2001/A2;2003 EN61000-3-2: 2000 EN61000-3-3: 1995/A1:2001 IEC 61000-4-2:1995/A1: 1998/A2:2000 IEC61000-4-3:2002/A1:2002 IEC61000-4-4:2004 IEC61000-4-6:2003/A1:2004 IEC61000-4-8:1993/A1:2000				E-Mark E9-10R-02,6033	
Power Saving Recovery Time	8 Seconds						
Interface Control Port	RS-232 With Baud Rate 2400, 4800,9600,19200 (Switch Selectable)						
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	Thermostatically controlled cooling fan						
Weight	7.2kgs						

Note: The specifications are subject to change without notice.