

**Electrical Performance: 1500W**

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		
<b>Efficiency (full load)</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>
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	<b>R Load Pure Sine Wave &lt;3% THD</b>					
Output Voltage adjustment	100 ~120V (Tune VR)			200 ~ 240V (Tune VR)		
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 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-232C With Baud Rate 2400, 4800,9600,19200 (Switch Selectable)					
Operating Temperature Range	-20 $^{\circ}$ C to 50 $^{\circ}$ C					
Storage Temperature Range	-30 $^{\circ}$ C to 70 $^{\circ}$ C					
Dimensions	388(L) x278(W) x102(H) mm					
Cooling	Loading controlled cooling fan					
Weight	7.2kgs					