



## Electrical Performance : 200W Pure Sine Wave Inverters

Specification	Model					
Item	YK-PSW1220	YK-PSW2420	YK-PSW4820	YK-PSW1220E	YK-PSW2420E	YK-PSW4820E
Continuous Output Power	200W					
Maximum Output Power	250W (3Min.)					
Surge Rating	400W					
Input Voltage	12V	24V	48V	12V	24V	48V
DC Input Voltage Regulation	10-16 VDC	20-32 VDC	42-62 VDC	10-16 VDC	20-32 VDC	42-62 VDC
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 Shut-down	10.0VDC	20.0VDC	42.0VDC	10.0VDC	20.0VDC	42.0VDC
<b>Efficiency (full load)</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>92%</b>	<b>94%</b>	<b>96%</b>
No Load Current Draw	0.65A	0.29A	0.15A	0.62A	0.33A	0.18A
Output Waveform	<b>R Load Pure Sine Wave &lt; 3% THD</b>					
Output Voltage Regulation	100/110/115/120V RMS ± 3%			200/220/230/240V RMS ± 3%		
<b>Frequency</b>	<b>50/60Hz ±0.05%</b>			<b>50/60Hz ±0.05%</b>		
Output Indicator	Green LED					
Protection indicator	OLP --- Red LED OTP --- Red LED UVP/OVP --- Red LED					
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, Over Temperature.					
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 IEC 61000-4-2:1995/ 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		
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading controlled cooling fan					
Dimensions	230 (L) ×119 (W) ×70.5 (H) mm					
Weight	1.2kgs					

Note: The specifications are subject to change without notice.