

## Electrical Performance: 1000W

Specification	Model					
Item	YK-PSQ12100	YK-PSQ24100	YK-PSQ48100	YK-PSQ12100E	YK-PSQ24100E	YK-PSQ48100E
Continuous Output Power	1000W					
Maximum Output Power	1150W(3mins)					
Surge Rating	2000W					
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	18A			9A		
<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	1.07A	0.63A	0.43A	0.93A	0.47A	0.31A
Output Waveform	<b>R Load Pure Sine Wave &lt;3% THD</b>					
Output Voltage	100/110/115/120V(Switch Selectable) RMS $\pm$ 3%			200/220/230/240V(Switch Selectable) RMS $\pm$ 3%		
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temperature					
LED Light	Power, OLP, OVP/UVP, OTP					
RS232 interface	Optional					
Safety	EN60950-1(Pending)					
Operating Temperature Range	-20 $^{\circ}$ C to 50 $^{\circ}$ C					
Storage Temperature Range	-30 $^{\circ}$ C to 70 $^{\circ}$ C					
Dimensions	334 (L) $\times$ 179 (W) $\times$ 81 (H) mm					
Cooling	Loading controlled cooling fan					
Weight	3.8kgs					

Note: The specifications are subject to change without notice.