

Electrical Performance: 3000W

Specification	Model					
Item	YK-PSQ 12300	YK-PSQ 24300	YK-PSQ 48300	YK-PSQ 12300E	YK-PSQ 24300E	YK-PSQ 48300E
Continuous Output Power	3000W					
Maximum Output Power	3150W (3 mins)					
Surge Rating	6000W					
Input Voltage	12V	24V	48V	12V	24V	48V
Input Voltage Range	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	31VDC	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
Output Voltage	100/110/115/120V(Switch Selectable) RMS±3%			200/220/230/240V(Switch Selectable) RMS±3%		
Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Current	55A			27A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No load Current Draw	1.60A	0.80A	0.40A	1.65A	0.83A	0.42A
Output Waveform	R Load Pure Sine Wave < 3% THD					
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temperature.					
LED light	Power, OLP, OVP/UVP, OTP					
RS232 interface	Optional					
Power Saving	Optional					
Safety	Comply with EN60950-1					
Operating Temperature Range	-30°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Dimensions	436(L) × 188.6(W) × 94.2 (H) mm					
Cooling	Loading controlled cooling fan					
Weight	7.3kgs					

Note: The specifications are subject to change without notice.