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PSQ1000W Series Pure Sine Wave Inverter

Features

- Pure sine wave output (THD < 3%) R Load
- Output frequency : 50 / 60Hz switch
- Loading & Temperature controlled cooling fan
- Advanced microprocessor
- Protection: Input Undervoltage
Input Overvoltage
Overload
Short circuit
Low battery alarm
Over temperature

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 (3Min.)					
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	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
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	18A			9A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No Load Current Draw	1.07A	0.63A	0.43A	0.93A	0.47A	0.31A
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					
Safety	Comply with EN60950-1					
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading & Temperature controlled cooling fan					
Dimensions	306 (L) × 178.6 (W) × 80.9 (H) mm					
Weight	3.8kgs					

The specifications are subject to change without notice.