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PSQ2000W Series Pure Sine Wave Inverter

Features

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

Electrical Performance : 2000W

Specification	Model					
Item	YK- PSQ12200	YK- PSQ24200	YK- PSQ48200	YK- PSQ12200E	YK- PSQ24200E	YK- PSQ48200E
Continuous Output Power	2000W					
Maximum Output Power	2200W(3mins)					
Surge Rating	4000W					
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 ± 0.05%(Switch Selectable)					
Peak Output Current	38A			19A		
Efficiency (full load)	80%	84%	87%	85%	90%	92%
No Load Current Draw	1.48A	0.55A	0.33A	1.52A	0.55A	0.38A
Output Waveform	R Load Pure Sine Wave <3% THD					
Output Voltage	100/110/115/120V(Switch Selectable)RMS±3%			200/220/230/240V(Switch Selectable)RMS±3%		
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					
EMC	FCC		EN 55022:2010+AC:2011, Class B EN 55024:2010 IEC 61000-4-2 Ed. 2.0: 2008 IEC 61000-4-3 Ed. 3.2: 2010 IEC 61000-4-8 Ed. 2.0: 2009			
Remote Control	Optional					
RS232 interface	Optional					
3-speed cooling fan	Optional					
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading & Temperature controlled cooling fan					
Dimensions	370(L) ×188.6(W) ×94.2(H) mm					
Weight	5.3kgs					

The specifications are subject to change without notice