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PSQ1500W 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 : 1500W

Specification	Model					
Item	YK-PSQ12150	YK-PSQ24150	YK-PSQ48150	YK-PSQ12150E	YK-PSQ24150E	YK-PSQ48150E
Continuous Output Power	1500W					
Maximum Output Power	1650W(3mins)					
Surge Rating	3000W					
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	20A			10A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No Load Current Draw	1.15A	0.48A	0.31A	1.19A	0.60A	0.36A
Output Waveform	R Load Pure Sine Wave <3% THD					
Output Voltage	100/110/115/120V(SwitchSelectable) 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	EN60950-1					
EMC	FCC		EN 55022:2010 EN 55024:2010 EN 61000-3-2: 2006+A2:2009 EN 61000-3-3: 2008 EN 61000-4-2: 2008 EN 61000-4-3: 2010 EN 61000-4-4: 2011 EN 61000-4-5: 2005 EN 61000-4-6: 2008 EN 61000-4-8: 2009 EN 61000-4-11:2004			
RS232 interface	Optional					
Power Saving	Optional					
Safety	Comply with EN60950-1					
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Dimensions	370(L) ×188.6(W) ×94.2(H) mm					
Cooling	Loading & Temperature controlled cooling fan					
Weight	4.5kgs					

The specifications are subject to change without notice