

1U3K5VA 19" Rack Mount Pure Sine Wave Inverters

Features

R Load Pure sine wave output (THD < 3%)

By pass function

Output frequency: 50 / 60Hz switch

SNMP interface / Wire connection to PC

Loading controlled cooling fan

Advanced microprocessor

Protection: Input Undervoltage

Input Overvoltage

Overload

Short circuit

Low battery alarm

Over temperature



Electrical Performance

Specification	Model			
Item	YK-PSW243K5VA (1U)	YK-PSW483K5VA (1U)	YK-PSW243K5VAE (1U)	YK-PSW483K5VAE (1U)
Continuous Output Power	3000W			
Surge Rating	3100W/3Min			
	3500W/3Sec			
Input Voltage	24V	48V	24V	48V
Frequency	50/60Hz ± 0.05%(Switch Selectable)			
Peak Output Current	30A		15A	
Efficiency (full load)	87%	89%	88%	90%
No Load Current Draw	1.13A	1.0A	1.25A	1.2A
Output Waveform	R Load Pure Sine Wave <3% THD			
Output Voltage Regulation	100/110/115/120V(Switch Selectable) RMS±3%		200/220/230/240V(Switch Selectable) RMS±3%	
P.F.	0.85			

Input Voltage Regulation	20-32 VDC	42-62 VDC	20-32 VDC	42-62 VDC
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, Over Temperature.			
Digital Display	OVP, UVP, OTP OLP, VAC, AMP , WATT, VDC, TEMP, Hz			
Safety	EN60950-1:2006 & IEC60950-1: 2005(2nd Edition)			
EMC	FCC Class B	EN55022:2010+AC: 2011, Class B EN55024: 2010 IEC61000-4-2 Ed. 2.0:2008 IEC61000-4-3 Ed. 3.2:2010 IEC61000-4-8 Ed. 2.0:2009		
Interface Control Port	SNMP With Baud Rate 2400 Or, RS-232C With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)			
AC Input	110V AC (90~130V)		220V AC (180~260V)	
AC Frequency	(50Hz ~ 60 Hz) ± 3%		(50Hz ~ 60 Hz) ± 3%	
Bypass	4~6ms		4~6ms	
Operating Temp.Range	-20°C to 50°C			
Storage Temp. Range	-30°C to 70°C			
Dimensions	416.8(L) ×424.0(W) ×44.0(H) mm			
Weight	9 kgs			

Remark: The specifications are subject to change without notice.