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2U 19"/23" Rack-mount Model 2U 19"/23" Open Frame Cabinet model YK- PSW3KVA Series Pure Sine Wave Inverter

Features

- Pure sine wave output (THD < 3%) R Load
- By pass function
- Output frequency : 50 / 60Hz switch
- RS – 232 interface / Remote controls port / Wire connection to PC
- Wired Remote control
- Loading and Temperature controlled cooling fan
- Advanced microprocessor
- Protection :
 - Input Undervoltage
 - Input Overvoltage
 - Overload
 - Short circuit
 - Low battery alarm
 - Over temperature

Electrical Performance

Specification	Model										
Item	YK-PSW 123KVA (2U)	YK-PSW 243KVA (2U)	YK-PSW 483KVA (2U)	YK-PSW 1103KVA (2U)	YK-PSW 2203KVA (2U)	YK-PSW 123KVAE (2U)	YK-PSW 243KVAE (2U)	YK-PSW 483KVAE (2U)	YK-PSW 1103KVAE (2U)	YK-PSW 2203KVAE (2U)	
Continuous Output Power	3000W										
Surge Rating	3Min.	3200W									
	3Sec.	3500W									
Peak	6000W										
Input Voltage	12V	24V	48V	110V	220V	12V	24V	48V	110V	220V	
Frequency	50/60Hz ± 0.05% (Switch Selectable)										
Output Voltage Adjustment	100~120VAC (Tune VR)					200~240VAC (Tune VR)					
Peak Output Current	54A					27A					
Efficiency (full load)	86%	88%	89%	94%	94%	87%	90%	92%	94%	94%	
No load Current Draw	1.50A	0.82A	0.39A	0.16A	0.11A	2.20A	1.08A	0.55A	0.28A	0.12A	
Output Waveform	R Load Pure Sine Wave < 3% THD										
P.F.	1.0					1.0					
Input Voltage Range	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	10-16 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	
DC Input over voltage alarm	15.5VDC	31.0VDC	61.0VDC	135.0VDC	270.0VDC	15.5VDC	31.0VDC	61.0VDC	135.0VDC	270.0VDC	
DC Input over voltage shut-down	16.0VDC	32.0VDC	62.0VDC	140.0VDC	275.0VDC	16.0VDC	32.0VDC	62.0VDC	140.0VDC	275.0VDC	
DC Input under voltage alarm	10.5VDC	21.0VDC	43.0VDC	95.0VDC	185.0VDC	10.5VDC	21.0VDC	43.0VDC	95.0VDC	185.0VDC	
DC Input under voltage shut-down	10.0VDC	20.0VDC	42.0VDC	90.0VDC	180.0VDC	10.0VDC	20.0VDC	42.0VDC	90.0VDC	180.0VDC	
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										
EMC	FCC Class A					EN 55022: 2006, Class A EN 55024:1998+A1:2001+A2:2003 EN 61000-3-2: 2006 EN 61000-3-3: 1995+ A1:2001+A2:2005					
Interface Control Port	RS-232C With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)										
Remote Control	Optional				Can't support		Optional			Can't support	
AC Input	110VAC					220VAC					
AC Frequency	(50Hz ~ 60 Hz) ± 3%					(50Hz ~ 60 Hz) ± 3%					
Bypass	4~6ms					4~6ms					
Operating Temperature Range	-20°C to 50°C										
Storage Temperature Range	-30°C to 70°C										
Cooling	Loading and Temperature controlled cooling fan										
Dimensions	445(L) ×424(W) ×88(H) mm										
Weight	14.3kgs										

The specifications are subject to change without notice.