



1U 19"/23" Rack -mount Model
1U 19"/23" Open Frame Cabinet model
RM-PSW3K5VA Series
Pure Sine Wave Inverter

Features

- R Load Pure sine wave output (THD < 3%)
- By pass function
- Output frequency: 50 / 60Hz switch
- SNMP interface / Wire connection to PC
- Loading & Temperature controlled cooling fan
- Advanced microprocessor
- Protection : input Undervoltage
input Overvoltage
Overload
Short circuit
Low battery alarm
Over temperature

Electrical Performance : 3K5VA

Specification	Model			
Item	RM-PSW243K5VA (1U)	RM-PSW483K5VA (1U)	RM-PSW243K5VAE (1U)	RM-PSW483K5VAE (1U)
Continuous Output Power	3000W			
Surge Rating	3100W/3Min			
	3500W/3Sec			
Input Voltage	24V	48V	24V	48V
Frequency	50/60Hz \pm 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 \pm 3%		200/220/230/240V(Switch Selectable) RMS \pm 3%	
P.F.	0.85			
Input Voltage Regulation	20-32 VDC	42-62 VDC	20-32 VDC	42-62 VDC
DC Input over voltage alarm	31.0VDC	61.0VDC	31.0VDC	61.0VDC
DC Input over voltage shut-down	32.0VDC	62.0VDC	32.0VDC	62.0VDC
DC Input under voltage alarm	21.0VDC	43.0VDC	21.0VDC	43.0VDC
DC Input under voltage shut-down	20.0VDC	42.0VDC	20.0VDC	42.0VDC
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	EN60950-1:2006 & 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) \pm 3%		(50Hz ~ 60 Hz) \pm 3%	
Bypass	4~6ms		4~6ms	
Operating Temp.Range	-20 to 50			
Storage Temp. Range	-30 to 70			
Cooling	Loading & Temperature controlled cooling fan			
Dimensions	446.8(L) x424.0(W) x44.0(H) mm			
Weight	9 kgs			