

1U2KVA 19" Rack Mount Pure Sine Wave Inverters

Features:

1. Digital display
2. Bypass function (STS)
3. Advanced microprocessor
4. Thermostatically controlled cooling fan
5. Automatically frequency switch
6. RS – 232 interface / remote controls port / Wire connection to PC
7. Protection : Input low voltage Overload Short circuit
Low battery alarm Input over voltage Over temperature



Specification	Model					
Item	YK-PSW122KVA (1U)	YK-PSW242KVA (1U)	YK-PSW482KVA (1U)	YK-PSW122KVAE (1U)	YK-PSW242KVAE (1U)	YK-PSW482KVAE (1U)
Continuous Output Power	1600W	1700W	1700W	1600W	1700W	1700W
Surge Rating	1870W/1Min			1870W/1Min		
	2040W/20Sec			2040W/20Sec		
Input Voltage	12V	24V	48V	12V	24V	48V
Frequency	50/60Hz ± 0.05%(Switch Selectable)					
Peak Output Current	25A			11A		
Efficiency (Full Load)	86%	88%	90%	87%	90%	92%
No Load Current Draw	1.45A	0.7A	0.45A	1.47A	0.8A	0.47A
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.	0.80	0.85	0.85	0.80	0.85	0.85
Input Voltage Regulation	10-16 VDC	20-32 VDC	42-62 VDC	10-16 VDC	20-32 VDC	42-62 VDC
Protection	Overload, Short Circuit, Reverse Polarity (Fuse), Over/Under Input Voltage, Over Temp.					
Digital Display	OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz					
Safety	UL60950-1			EN60950-1		
EMC	FCC Class B			EN 55022:1998/ A1: 2000/A2:2003 (Class B) EN 55024: 1998/ A1:2001/A2:2003 EN 61000-3-2: 2000/A2: 2005 EN 61000-3-3: 1995/A1: 2001 IEC 61000-4-2:1995/ A1:1998/A2:2000 IEC 61000-4-3:2002/A1: 2002 IEC 61000-4-4: 2004 IEC 61000-4-5:1995/A1: 2000 IEC 61000-4-6:1996/A1: 2001 IEC 61000-4-8:1993/A1: 2000 IEC 61000-4-11: 2004		
Interface Control Port	RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)					
AC Input	110V AC			220V AC		
AC Frequency	(50Hz ~ 60 Hz) ± 3%			(50Hz ~ 60 Hz) ± 3%		
Bypass	4~6ms			4~6ms		
Operating Temp. Range	-20℃ to 60℃					
Storage Temp. Range	-30℃ to 70℃					
Dimensions	416.8(L) ×424.0(W) ×44.0(H) mm					
Weight	9 kgs					

Remark: The specifications are subject to change without notice.