

1U1KVA 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-PSW121KVA (1U)	YK-PSW241KVA (1U)	YK-PSW481KVA (1U)	YK-PSW121KVAE (1U)	YK-PSW241KVAE (1U)	YK-PSW481KVAE (1U)
Continuous Output Power	850W (1KVA)					
Surge Rating	900W/1Mins , 950W/3Sec , 1000W/1Sec					
Input Voltage	12V	24V	48V	12V	24V	48V
Output Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Current	15A			9A		
Efficiency (full load)	86%	88%	89%	87%	90%	92%
No Load Current Draw	0.75A	0.4A	0.3A	0.7A	0.35A	0.25A
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			0.85		
Input Voltage Range	10-16VDC	20-32VDC	42-62VDC	10-16VDC	20-32VDC	42-62VDC
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			220V		
AC Input Frequency	(50Hz ~ 60 Hz) ± 3%			(50Hz ~ 60 Hz) ± 3%		
Bypass	4~6ms			4~6ms		
Operating Temperature Range	-20℃ to 60℃					
Storage Temperature Range	-30℃ to 70℃					
Dimensions	416.8(L) × 424.0(W) × 44.0(H) mm					
Weight	7.5kgs					

Remark: The specifications are subject to change without notice.