Asian Electron Co., Ltd.

2U2KVA 19” Rack Mount Pure Sine Wave Inverters

Features:

1. **Digital display**
2. **Bypass function (STS)**
3. **Advanced microprocessor**
4. **Loading controlled cooling fan**
5. **Output frequency: 50 / 60Hz switch**
6. **RS – 232 interface / remote controls port / Wire connection to PC**
7. **Protection : Input undervoltage Overload Short circuit Low battery alarm Input overvoltage Over temperature**

Specification		Model									
Item		YK-PSW 122KVA (2U)	YK-PSW 242KVA (2U)	YK-PSW 482KVA (2U)	YK-PSW 1102KVA (2U)	YK-PSW 2202KVA (2U)	YK-PSW 122KVAE (2U)	YK-PSW 242KVAE (2U)	YK-PSW 482KVAE (2U)	YK-PSW 1102KVAE (2U)	YK-PSW 2202KVAE (2U)
Continuous Output Power		2000W									
Surge Rating	3 Min.	2300W									
	3 Sec.	2500W									
Peak		4000W									
Input Voltage		12V	24V	48V	110V	220V	12V	24V	48V	110V	220V
Frequency		**50/60Hz ± 0.05% (Switch Selectable)**									
Peak Output Current		35A					16A				
Efficiency (full load)		**86%**	**88%**	**89%**	**94%**	**94%**	**87%**	**90%**	**92%**	**94%**	**94%**
No Load Current Draw		**1.25A**	**0.56A**	**0.32A**	**0.38A**	**0.18A**	**1.79A**	**0.87A**	**0.40A**	**0.4A**	**0.2A**
Output Waveform		**R Load Pure Sine Wave <3% THD**									
Output Voltage Adjustment		100 ~ 120V (Tune VR)					200~240V (Tune VR)				
P.F.		1.0					1.0				
Input Voltage Regulation		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
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 IEC 61000-4-2 Edition 1.2: 2001-04 IEC 61000-4-3 Edition 3.0:2006 IEC 61000-4-4: 2004 IEC 61000-4-5 Edition 2.0: 2005 IEC 61000-4-6 Edition 2.2: 2006 IEC 61000-4-8 Edition 1.1: 2001-03 IEC 61000-4-11 Second Edition: 2004-03					
Interface Control Port		RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)									
Remote Control Unit		Optional									
AC Input		110V AC					220V AC				
AC Frequency		(50Hz ~ 60 Hz) ± 3%					(50Hz ~ 60 Hz) ± 3%				
Bypass		4~6ms					4~6ms				
Operating Temperature Range		-20℃ to 50℃									
Storage Temperature Range		-30℃ to 70℃									
Dimensions		445(L) ×424(W) ×88(H) mm									
Weight		12.8kgs									

Note: The specifications are subject to change without notice.