Asian Electron Co., Ltd.

2U2KVA 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-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		25A					11A				
Efficiency (full load)		**86%**	**88%**	**90%**	**94%**	**94%**	**87%**	**90%**	**92%**	**94%**	**94%**
No Load Current Draw		**1.45A**	**0.7A**	**0.45A**	**0.38A**	**0.18A**	**1.47A**	**0.8A**	**0.47A**	**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
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 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		435(L) ×424(W) ×88(H) mm									
Weight		12.8kgs									

Remark: The specifications are subject to change without notice.