Asian Electron Co., Ltd.

2U3KVA 19” Rack Mount Pure Sine Wave Inverters + UPS

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 low voltage Overload Short circuit Low battery alarm Input over voltage Over temperature**

Specification		Model									
Item		YK-UIPSW 123KVA (2U)	YK-UIPSW 243KVA (2U)	YK-UIPSW 483KVA (2U)	YK-UIPSW 1103KVA (2U)	YK-UIPSW 2203KVA (2U)	YK-UIPSW 123KVAE (2U)	YK-UIPSW 243KVAE (2U)	YK-UIPSW 483KVAE (2U)	YK-UIPSW 1103KVAE (2U)	YK-UIPSW2 203KVAE (2U)
Continuous Output Power		3000W									
Surge Rating	3Min.	3200W									
	3Sec.	3500W									
Peak		6000W									
Input Voltage		12V	24V	48V	110V	220V	12V	24V	48V	110V	220V
Frequency		**50/60Hz ± 0.05% (Switch Selectable)**									
Output Voltage Adjustment		100~120VAC (Tune VR)					200~240VAC (Tune VR)				
Peak Output Current		54A					27A				
Efficiency (full load)		**86%**	**88%**	**89%**	**94%**	**94%**	**87%**	**90%**	**92%**	**94%**	**94%**
No load Current Draw		1.5A	0.82A	0.39A	0.16A	0.11A	2.2A	1.08A	0.55A	0.28A	0.12A
Output Waveform		**R Load Pure Sine Wave < 3% THD**									
P.F.		1.0					1.0				
Input Voltage Range		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 61000-3-2: 2006 EN 61000-3-3: 1995+A1: 2001+A2: 2005				
Interface Control Port		RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)									
Remote Control Unit		Optional									
AC Input		110V AC (90 ~ 130V)					220V AC (180 ~ 260V)				
AC Frequency		(50Hz ~ 60 Hz) ± 3%					(50Hz ~ 60 Hz) ± 3%				
Bypass		4~6ms					4~6ms				
		Inverter mode or UPS mode by switch									
Operating Temperature Range		-20℃ to 50℃									
Storage Temperature Range		-30℃ to 70℃									
Dimensions		445(L) ×424(W) ×88(H) mm									
Weight		14.3kgs									

Remark : The specifications are subject to change without notice.