



Asian Electron Co., Ltd.

6F-1, No.150, Jian Yi Road, Zhonghe Dist., New Taipei City 235, TAIWAN, R.O.C.

TEL.: 886-2-8226-5158

FAX: 886-2-82265150

[Http://www.asian-electron.com](http://www.asian-electron.com)

Email: sales@asian-electron.com



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1U 19\"/>

Pure Sine Wave Inverter

YK-UIPSW122KVA; YK-UIPSW122KVAE

YK-UIPSW242KVA; YK-UIPSW242KVAE

YK-UIPSW482KVA; YK-UIPSW482KVAE

Electrical Performance

Specification	Model					
Item	YK-UIPSW 122KVA(1U)	YK-UIPSW 242KVA(1U)	YK-UIPSW 482KVA(1U)	YK-UIPSW 122KVAE(1U)	YK-UIPSW 242KVAE(1U)	YK-UIPSW 482KVAE(1U)
Continuous Output Power	1600W	1700W	1700W	1600W	1700W	1700W
Surge Rating	1870W/1Min, 2040W/20Sec.					
Input Voltage	12V	24V	48V	12V	24V	48V
Frequency	50/60Hz ± 0.05% (Switch Selectable)					
Peak Output Cur.	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	10-16VDC	20-32VDC	42-62VDC	10-16VDC	20-32VDC	42-62VDC
DC Input over voltage alarm	15.5VDC	31VDC	61VDC	15.5VDC	31VDC	61VDC
DC Input over voltage shut-down	16.0VDC	32.0VDC	62.0VDC	16.0VDC	32.0VDC	62.0VDC
DC Input under voltage alarm	10.5VDC	21.0VDC	43.0VDC	10.5VDC	21.0VDC	43.0VDC
DC Input under voltage shut-down	10.0VDC	20.0VDC	42.0VDC	10.0VDC	20.0VDC	42.0VDC
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	Meet EN60950-1					
EMC	FCC Class B			EN 55022: 2010/AC: 2011(Class B) EN 55024:2010 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2013 IEC 61000-4-3:2006+A1:2007+A2:2010 IEC 61000-4-4:2012		
Interface Control Port	RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)					
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 Dip Switch					
Operating Temp. Range	-20°C to 60°C					
Storage Temp. Range	-30°C to 70°C					
Cooling	Loading controlled cooling fan					
Dimensions	416.8(L) x424.0(W) x44.0(H) mm					
Weight	9kgs					
The wire gauge for AC input and AC output	#12					
	WARNING: The proper connection needs to be made in reference to line/neutral					