



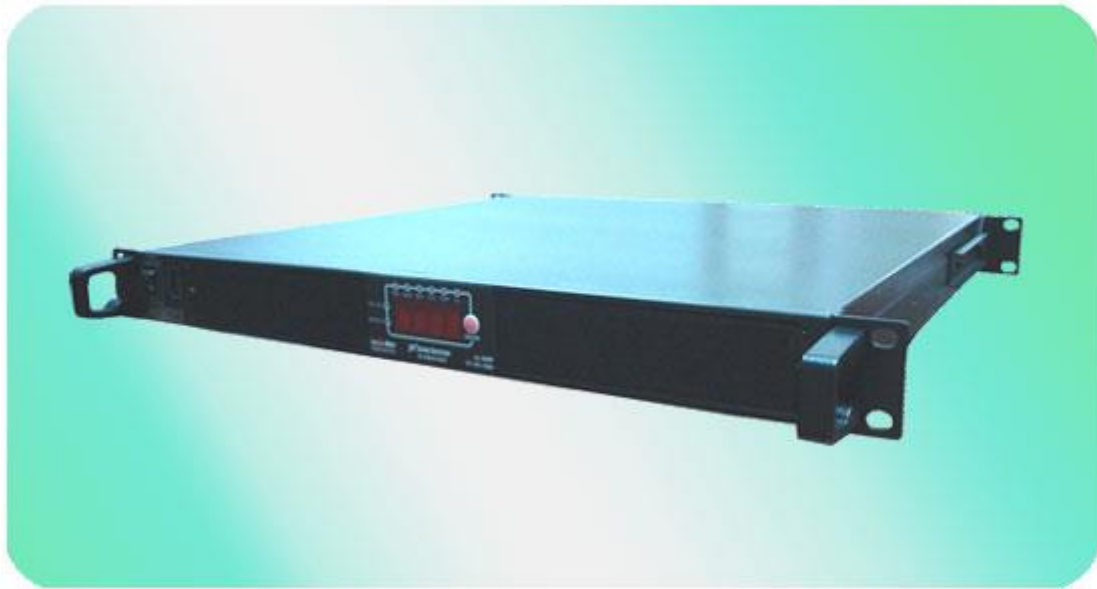
# Asian Electron Co., Ltd.

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## 1U 19"/23" Rack-mount Model 1U 19"/23" Open Frame Cabinet model YK-PSW1KVA Series Pure Sine Wave Inverter

### Features

- R Load Pure sine wave output (THD < 3%)
- Digital display
- Bpass function (STS)
- Output frequency: 50 / 60Hz switch
- RS-232 interface / Wire connection to PC
- Wired Remote control (optional)
- Loading & Temperature controlled cooling fan
- Advanced microprocessor
- Protection: Input Undervoltage  
Input Overvoltage  
Overload  
Short circuit  
Low battery alarm  
Over temperature

## Electrical Performance : 1KVA

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
<b>Frequency</b>	<b>50/60Hz ± 0.05% ( Switch Selectable)</b>					
Peak Output Current	15A			9A		
<b>Efficiency (full load)</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>
<b>No Load Current Draw</b>	<b>0.75A</b>	<b>0.4A</b>	<b>0.3A</b>	<b>0.7A</b>	<b>0.35A</b>	<b>0.25A</b>
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt;3% THD</b>					
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), Input Undervoltage, Input Overvoltage, Over Temperature					
Digital Display	OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz					
<b>Safety</b>	<b>UL60950-1 ((File No. E324561)</b>			<b>EN60950-1</b>		
<b>EMC</b>	<b>FCC Class B</b>			EN 55022: 2010/AC: 2011( <b>Class B</b> ) EN 55024:2010 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2013 IEC 61000-4-2:2008 IEC 61000-4-3:2006+A1:2007+A2:2010 IEC 61000-4-4:2012 IEC 61000-4-5:2005 IEC 61000-4-6:2008 IEC 61000-4-8:2009 IEC61000-4-11:2004		
Interface Control Port	RS-232 With Baud Rate 2400,4800, 9600, 19200 (Switch Selectable)					
AC Input	110V AC			220V AC		
AC Frequency	(50Hz ~ 60 Hz) ± 3%					
Bypass	4~6ms					
Operating Temperature Range	-20°C to 60°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading & Temperature controlled cooling fan					
Dimensions	416.8(L) x424.0(W) x44.0(H) mm					
Weight	7.5kgs					
The wire gauge for AC input and AC output	#12					
	WARNING: The proper connection needs to be made in reference to line/neutral.					