



# Asian Electron Co., Ltd.

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## PSQ700W Series Pure Sine Wave Inverter

### Features

- Pure sine wave output (THD < 3%) R Load
- Output frequency : 50 / 60Hz switch
- Loading & Temperature controlled cooling fan
- Advanced microprocessor
- Protection: Input Undervoltage  
Input Overvoltage  
Overload  
Short circuit  
Low battery alarm  
Over temperature

## Electrical Performance : 700W

Specification	Model					
Item	YK-PSQ1270	YK-PSQ2470	YK-PSQ4870	YK-PSQ1270E	YK-PSQ2470E	YK-PSQ4870E
Continuous Output Power	700W					
Maximum Output Power	780W(3mins)					
Surge Rating	1400W					
Input Voltage	12V	24V	48V	12V	24V	48V
Input Voltage Range	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
<b>Frequency</b>	<b>50/60Hz ± 0.05%( Switch Selectable)</b>					
Peak Output Current	13A			6A		
<b>Efficiency (full load)</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>93%</b>	<b>94%</b>
No Load Current Draw	0.87A	0.43A	0.23A	0.83A	0.43A	0.22A
<b>Output Waveform</b>	<b>R Load Pure Sine Wave &lt;3% THD</b>					
Output Voltage	100/110/115/120V(SwitchSelectable) RMS±3%			200/220/230/240V(Switch Selectable) RMS±3%		
Protection	Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temperature					
LED Light	Power, OLP, OVP/UVP, OTP					
RS232 interface	Optional					
Power Saving	Optional					
Safety	Comply with EN60950-1					
Operating Temperature Range	-20°C to 50°C					
Storage Temperature Range	-30°C to 70°C					
Cooling	Loading & Temperature controlled cooling fan					
Dimensions	270 (L) × 178.6 (W) × 81 (H) mm					
Weight	2.8kgs					

The specifications are subject to change without notice.