



## 3U5KVA 19" Rack Mount Pure Sine Wave Inverters

### 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 undervoltage              Overload              Short circuit  
                          Low battery alarm              Input overvoltage              Over temperature



Specification	Model							
Item	YK-PSW 245KVA (3U)	YK-PSW 485KVA (3U)	YK-PSW 1105KVA (3U)	YK-PSW 2205KVA (3U)	YK-PSW 245KVAE (3U)	YK-PSW 485KVAE (3U)	YK-PSW 1105KVAE (3U)	YK-PSW 2205KVAE (3U)
Continuous Output Power	5000W							
Maximum Output Power	5200W (3 mins)							
Surge Rating	10000W							
Input Voltage	24V	48V	110V	220V	24V	48V	110V	220V
Input Voltage Range	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC	20-32 VDC	42-62 VDC	90-140 VDC	180-275 VDC
DC Input over voltage alarm	31VDC	61VDC	135VDC	270VDC	31VDC	61VDC	135VDC	270VDC
DC Input over voltage shut-down	32VDC	62VDC	140VDC	275VDC	32VDC	62VDC	140VDC	275VDC
DC Input under voltage alarm	21VDC	43VDC	95VDC	185VDC	21VDC	43VDC	95VDC	185VDC
DC Input under voltage shut-down	20VDC	42VDC	90VDC	180VDC	20VDC	42VDC	90VDC	180VDC
No load Current Draw	1.64A	0.82A	0.42A	0.24A	1.3A	0.68A	0.35A	0.18A
Output Voltage Adjustment	100 ~ 120V (Tune VR)				200~240V (Tune VR)			
Frequency	50/60Hz ± 0.05% ( Switch Selectable)							
Peak Output Current	91A				45A			
Efficiency (full load)	<b>85%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>94%</b>
Stand by Current Draw	≤ 1.5W Power Saving Mode							
Output Waveform	R Load Pure Sine Wave < 3% THD							
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							
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			
Power Saving Recovery Time	8 seconds							
Interface Control Unit	RS-232C with Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable)							
Remote Control Unit	Optional (RF Remote Control or Wire Control)							
AC Input	110VAC				220VAC			
AC Frequency	(50Hz ~ 60 Hz) ± 3%				(50Hz ~ 60 Hz) ± 3%			
Bypass	4~6ms				4~6ms			
Operating Temperature Range	-20°C to 50°C							
Storage Temperature Range	-30°C to 70°C							
Dimensions	504(L) × 425(W) × 132 (H) mm							
Weight	19kgs							

Remark: The specifications are subject to change without notice.