

## Pure Sine Wave Rack Mount Type Inverter, YK-S Series

Model Number	INV-S112-2.5K	INV-S124-2.5K	INV-S148-2.5K	INV-S212-2.5K	INV-S224-2.5K	INV-S248-2.5K
Rack Mount Height	1U	1U	1U	1U	1U	1U
Continuous Output Power	2500VA / 2125W					
Surge Rating	2250W / 1 Minutes, 2375W / 3 Seconds, 2500W / 1 Second					
Input Voltage	12V	24V	48V	12V	24V	48V
Frequency	50/60Hz $\pm$ 0.05% ( Switch Selectable)					
Peak Output Current	30A			16A		
Efficiency (full load)	86%	88%	90%	87%	90%	92%
No Load Current Draw	1.8A	0.9A	0.65A	1.76A	0.85A	0.62A
Output Waveform	Pure Sine Wave, THD < 3% with Resistive Load,					
Output Voltage Regulation	100 /110 /115 /120V (Switch Selectable) RMS $\pm$ 3%			200 / 220 / 230 / 240V (Switch Selectable) RMS $\pm$ 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), 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 55022:1998/ A1: 2000/A2:2003		
				EN 55024: 1998/ A1:2001/A2:2003		
				EN 61000-3-2: 2000/A2: 2005		
				EN 61000-3-3: 1995/A1: 2001		
				IEC 61000-4-2:1995/ A1:1998/A2:2000		
				IEC 61000-4-3:2002/A1: 2002		
				IEC 61000-4-4: 2004		
				IEC 61000-4-5:1995/A1: 2000		
				IEC 61000-4-6:1996/A1: 2001		
				IEC 61000-4-8:1993/A1: 2000		
IEC 61000-4-11: 2004						
Interface Control Port	RS-232 With Baud Rate 2400,4800, 9600, 19200 (Switch Selectable)					
Remote Control Unit	Optional					
AC Input	110V (90~130V)			220V (180~260V)		
AC Frequency	(50Hz ~ 60 Hz) $\pm$ 3%			(50Hz ~ 60 Hz) $\pm$ 3%		
Bypass	4~6ms			4~6ms		
Operating Temperature Range	-20 $^{\circ}$ C to 50 $^{\circ}$ C					
Storage Temperature Range	-30 $^{\circ}$ C to 70 $^{\circ}$ C					
Dimensions	408.7(L) x424.0(W) x44.0(H) mm					
Weight	7.5 Kgs					