

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

Model Number	INV-S112-3K	INV-S124-3K	INV-S148-3K	INV-S212-3K	INV-S224-3K	INV-S248-3K
Rack Mount Height	2U	2U	2U	2U	2U	2U
Continuous Output Power	2250W / 3KVA	2400W / 3KVA	2550W / 3KVA	2250W / 3KVA	2400W / 3KVA	2550W / 3KVA
Surge Rating	2475W / 1 Min	2640W / 1 Min	2805W / 1 Min	2475W / 1 Min	2640W / 1 Min	2805W / 1 Min
	2700W / 20 Sec	2880W / 20 Sec	3060W / 20 Sec	2700W / 20 Sec	2880W / 20 Sec	3060W / 20 Sec
Input Voltage	12V	24V	48V	12V	24V	48V
Frequency	50/60Hz $\pm$ 0.05% ( Switch Selectable)					
Peak Output Current	30A			15A		
Efficiency (full load)	84%	86%	87%	85%	88%	90%
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%		
Stand By Current Draw	< 1.5W Power Saving Mode					
Output Voltage Adjustment	VAC 100~120V (Tune VR)			VAC 100~120V (Tune VR)		
P.F.	0.75	0.8	0.85	0.75	0.8	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					
Power Savings Recovery Time	3 Minutes					
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	435(L) x 424(W) x 88.4(H) mm					
Weight	9.8 kgs					