

**COTEK SK3000W SERIES available in 12V, 24V or 48V
PWM Pure Sinewave**

3000W
12V, 24V or 48V

PWM High Frequency Pure Sinewave Inverter provides an economical way to get instant AC power anywhere and at anytime as long as a battery is handy.

The inverter converts a DC power source (e.g. from a car, truck, boat or standard battery; or solar panels) to 230 VAC power. The inverter range is specifically suitable for solar installations. High frequency PWM technology ensures a compact unit providing high reliability and performance.

The inverter has a robust design and is quiet and portable. It can therefore be operated in almost any environment. The unit has a high current start up capability, protected against short circuit, reverse polarity and over load. The unit also has automatic load sensing (important for solar applications).



3000W sinewave inverter

Applications :

Lights, drills, general electrical tools, computerised instruments, medical equipment, emergency power, computers, TV sets, radios, satellite receivers, fans, small water pumps, etc.

- Pure sine wave output (THD < 3%).
- Low power saving mode to conserve energy
- RS232 interface / remote control port
- Built-in voltage and watt meters
- Load controlled cooling fan
- Advanced microprocessor
- Short Circuit / OverVoltage / UnderVoltage / OverTemperature / OverLoad protection
- Output Voltage / Frequency switch selectable

TECHNICAL SPECIFICATIONS

MODEL	SK3000-212	SK3000-224	SK3000-248
Cont.Output Power	3000W		
Max. Output Power (3 min.)	3450W		
Surge Rating	6000W		
Input Voltage	12V	24V	48V
Output Voltage	230V ± 3% (standard stock voltage) Also available in 220, 240 & 110, 115, 120 V ± 3% (not available as standard stock item - can be ordered on special request)		
Output Frequency	50 / 60 Hz +/- 0.05%		
Output Waveform	Sinewave < 3% THD		
Efficiency (full load)	92%	93%	94%
No Load Current Draw	2.8A	1.5A	0.7A
Stand-by Current Draw	0.55A	0.35A	0.19A

Input Voltage Regulation	10.5-15VDC	21-30VDC	42-60VDC
Max. DC Input Current	312A	156A	78A
Input Level Indicator (LED Bar)	Red / Orange / Green LED		
Failure Indicator	Red LED		
Protection	Overload, short circuit, reverse polarity (fuse), over/under input voltage, over temperature		
Remote Control	CR-6 / CR-7 / CD-8 Optional (Optional)		
Safety	EN60950-1		
EMC	EN55022: 1997 en55024 : 1997 EN61000-3-2 : 1998 EN61000-3-3 : 1995 e-Mark		
Operating Temperature Range	0 - 40 °C		
Storage Temp. Range	- 30 °C to 70 °C		
Cooling	Load controlled cooling fan		
Dimensions	452 x 208 x 166 mm		
Weight	9.8 kgs		