

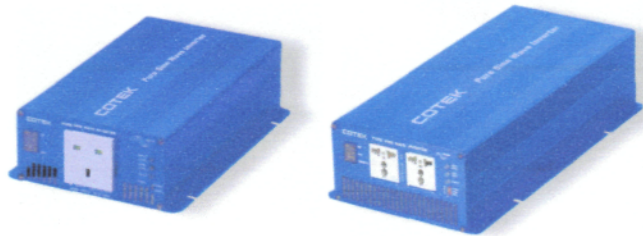


Green World Solar

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Solar Inverters - Pure Sinewave (150W-3000W)

- True Sinewave Output
- Power ON-OFF Remote Control
- Advanced Microprocessor
- Inpt Polarity / under volatge / over voltage protection
- Output short circuit / overload / over temperature protection
- Capable of driving highly reactive and capacitive loads
- Three color LED indicators



Model*	S150-X	S300-X	S600-X	SK1000-X	SK1500-X	SK2000-X	SK3000-X
Rated Power/Surge Power	150W/200W	300W/400W	600W/800W	1kW/2kW	1.5kW/3kW	2kW/4kW	3kW/6kW
Output							
AC Voltage	220/230/240VAC						
Waveform	True Sinewave (THD < 6%)		True Sinewave (THD < 3%)				
Frequency	50Hz / 60Hz		50Hz / 60Hz selectable by DIP switch				
AC Regulation	± 5%		± 3%				
Power Factor Allowed	cosΘ(-90°) - cosΘ(+90°)						
LED Indicator	Input Voltage level, output load level and fault status						
Input							
DC Voltage	12/24		12/24/48				
No Load Current Draw	0.22/0.16	0.26/0.28	0.83/0.43/0.22	1.2/0.6/0.28	1.4/0.7/0.4	2.64/1.32/0.65	2.8/1.5/0.7
Voltage Range	10.5-15/21-30		10.5-15/21-30/42-60				
Efficiency (typ. %)	87/88	89/89	90/93/94	91/93/94	90/93/94	91/94/95	90/93/94
Protection							
Bat. Low Alarm	N/A		11V / 22V / 44V				
Bat. Low Shutdown	10 ± 0.5V / 20 ±1V		10.5V / 21V / 42V				
Overload	Shut off output voltage, re-power on to recover						
Over Voltage	15V-16V / 30V-32V		15.3V / 30.6V / 61.2V				
Over Temperature	Shut off output voltage, recovers automatically after temperature goes down						
Output Short	Shut off output voltage, re-power on to recover						
Bat. Polarity Reverse	Fuses will become open						
Environment							
Working Temp.	0-40°C						
Working Humidity	20% - 90% RH non-condensing						
Storage Temp. Humidity	-30°C-70°C / -22°F-158°F / 10%-95%						
Safety & EMC							
Isolation Resistance	I/P - O/P: 100M Ohms / 500VDC						
EMI Conduction & Radiation	Compliance EN55022 class B		Compliance EN55022 class A				
EMS Immunity	Compliance EN61000-3 -2, 3						
LVD	Compliance EN60950-1						
e-Mark	Compliance to e-13 * 72/245/EEC, 95/54/EC						
Other							
Dimensions, L x W x H (mm)	200 x 132 x 72	237 x 155 x 72	295 x 180 x 72	383 x 182 x 88	415 x 191 x 88	422 x 208 x 166	452 x 208 x 166

* X denotes the DC Voltage

All information contained in this brochure is purely indicative and can not be used to form any contractual obligations. Specification or design can be changed at anytime without prior notice.