

A benchmark for quality and value



An Electronic device which converts the DC power into AC power, It is a fully automatic, noiseless & pollution-free device.

At the time of mains failure, it starts instantly without any interruption, operating through the batteries.

PROTECT YOUR HOME
FROM POWER FAILURE

KIRANOTICS[®]
POWER INVERTER



FEATURES

KIRANOTICS

- Fully Automatic.
- MOSFET & PWM based technology.
- Noiseless & Pollution-free.
- Inbuilt smart Overload protection.
- Voltage & Current Controlled charging.
- Reverse Battery Protection.
- Battery deep discharge & Overcharge protection with trickle charging.
- Quick Switch-over time.
- Constant Output Voltage.
- Constant Frequency (50 Hz.)
- QC Sine Wave.
- High efficiency.
- System By-pass Switch.

TECHNICAL SPECIFICATION

INPUT VOLTAGE (Main)	220V \pm 30% for regulated charging. Out put voltage is same as the Input voltage.
INPUT FREQUENCY (Main)	50 Hz \pm 5%. Output Frequency is same as the Input Frequency.
OUTPUT VOLTAGE (Inverter Mode)	220 V \pm 10%
OUTPUT FREQUENCY (Inverter Mode)	50Hz \pm 0.5%
OUTPUT WAVE FORM (Inverter Mode)	QC Sine Wave.
CHANGEOVER SWITCH (Type & Time)	Automatic & 8-20 milli seconds.
BATTERY CHARGING	Constant current & voltage. Charging current 7.5 Amp. approx. (adjustable inside).
OVERLOAD (Inverter Mode)	Electronic overload. Set on the basis of current. automatic start in the range load .
CAPACITY	500 Watts & 1000 Watts. (Watt for resistive load & VA inductive load).
BATTERY VOLTAGE	12 Volts for 500 Watts. 24 Volts for 1000 Watts.
EFFICIENCY	More than 90% (depending on the load)
TECHNOLOGY	PWM & MOSFET based. Inverter SCR Based charging..

LOAD CALCULATION CHART

	Bulb	Rated VA or 100 VA
	Tube Light	60 VA
	Fan	100 VA
	Television	125 VA
	VCR / VCD	50 VA
	Computer	350 VA
	Cooler	300 VA

APPLIANCES	625 VA		1250 VA	
FAN	4	3	8	6
TUBES	4	3	7	7
T.V.	-	1	-	1

Dealers Stamp



MFD. BY:

KIRANOTICS India SALES

AN ISO 9001 COMPANY