

JUST LIKE YOUR FRIEND!

Its Flexible, Reliable, Information and of-course Hassle Free.

Enjoy Power Back up Solution from India's leading brand



SUPER INVERTER

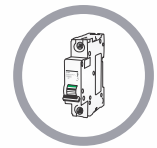
iCruze
5500 | 48V

Features

- Mains MCB protection
- User friendly LCD display and control button
- Intelligent Battery Charging optimization algorithm
- By pass Switch



PURE SINE
WAVE OUTPUT



MCB PROTECTION



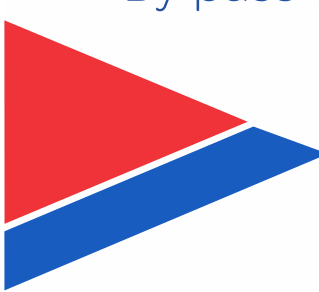
BY PASS
SWITCH



LCD
DISPLAY



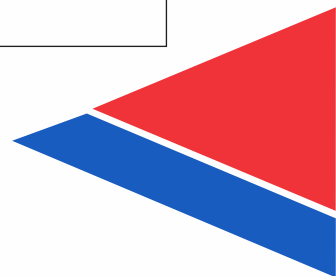
SYNCHRONIZED
CHANGEOVER

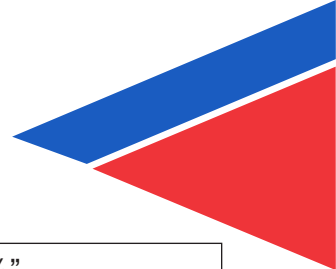


Technical Specifications

Model		5500VA
Capacity		5500VA
Input	Regulated UPS mode	
	Rated Voltage	230V AC
	Undervoltage	180±5V
	Undervoltage Restoration	190±5V
	Overvoltage	260±5V
	Overvoltage Restoration	250±5V
	Unregulated ECO mode	
	Undervoltage	110±10V
	Undervoltage Restoration	120±10V
	Overvoltage	280±10V
	Overvoltage Restoration	270±10V
Output	Rated voltage (UPS Mode)	230V AC
	Voltage (Mains Mode)	SAME AS INPUT
	Load performance factor	0.6 to 0.8 [#]
	Frequency (UPS Mode)	50±1Hz
	Frequency (Mains Mode)	SAME AS INPUT (47-53 Hz)
	Overload	> 110%
	Transfer Time(typical a.s.)	< 20 ms.
Battery	Recommended battery size*	150Ah-200Ah TUBULAR / FLAT / SMF
	Number of Battery	4
	Typical Recharge Time	8-10 hours approx
	Battery Boost Voltage	57.6V-58.8V±0.5V
	Protection	LOW BATTERY
*TDR	TDR Delay	60-120 Sec. approx
Physical	Net weight (Kg.)	51.0 Kg approx
	Gross weight (Kg.)	53.0 Kg approx
	Dimension (LxWxH)(mm)	471x300x560

[#]For resistive load (in candescent bulb rated at 250 V AC) at optimum battery voltage.





Front LCD Displays	Load Percentage	Displays "L085%"
	Time to Charge & Discharge	Display time to charge or discharge in HH:MM
	Overload	Displays "old"
	Short Circuit	Displays "sct"
	No Load	Displays "nld"
	Overtemperature	Displays "otp"
	Battery Low	Displays "Lbt" when batt. completely discharged
	Battery High Cut	Displays "btHI" When battery voltage > 70V
	Temp. Sensor Failed	Displays "Otp" When internal failure
	Battery Level Symbol	Displays battery level available
	Charging Symbol	Displays when battery is charging
	Mains Symbol	Displays spark symbol
	Mode Selection	Displays ECO or UPS Mode
	Fault Symbol	Displays if there any fault or trip condition
Alarms	Inverter ON/OFF	Single Beep of 1Sec.
	Low Battery	1 Beep of 5Sec.
	Battery High Cut	1 Beep of 5Sec.
	NO Load shutdown	1 Beep of 5Sec.
	Short Circuit	1 Beep of 5Sec.
	Overload shutdown	1 Beep of 5Sec.
	Low Battery Warning	10 Beeps of 1Sec. each
	Over Temperature	Single Beep of 1Sec.
	Temp. Sensor Failed	Single Beep of 1Sec.
Environmental	Operating Temperature	0-45°C (32-113°F)
	Storage Temperature	0-45°C (32-113°F)
	Humidity	0-95% RH non-condensing

Due to continuous product improvement, the specifications are subject to change without notice.

* TDR ON Time ~ 60-120Sec. and it can add additional 2 Min delay in AC startup during power failure.

* Recommended AC rating upto: 1.5 Ton.

***AC (Air Conditioner) Operating Mode :**

Unit works fine in ECO/UPS Mode for Inverter AC or Normal AC with stabilizer.

For Normal AC without stabilizer unit to be used in UPS Mode only.