

AMAZE

Amaze Inverters are next generation products which are designed to withstand and frequent power cuts. It's portfolio includes Tubular Batteries, Square wave and Sine wave Inverters give rugged performance with better load handling and the Sine wave Inverters produce noiseless and efficient output. Amaze Inverters and Battery perform best when used together as a combo.



Available in 700VA | 900VA |
1000VA | 1500VA

KEY FEATURES

- › Sensor charging : for better charging and more battery life
- › Fast chargeover time for smooth switchover of computer
- › SMT for reliable and compact design
- › Battery charging commences even at low voltage (120V)

Technical Specification

Models		700VA	900VA	1000VA	1500VA
Input	UPS mode				
	Rated voltage	230V AC			
	Undervoltage Cut Off	180±5V			
	Undervoltage Restoration	190±5V			
	Overvoltage Cut Off	265±5V			
	Overvoltage Restoration	255±5V			
	ECO mode				
	Undervoltage Cut Off	85±10V			
	Undervoltage Restoration	95±10V			
	Overvoltage Cut Off	290±10V			
Overvoltage Restoration	280±10V				
Output	Rated voltage (UPS Mode)	(200 - 220)V AC ± 10%			
	Voltage (Mains Mode)	Same as input			
	Frequency (UPS / ECO Mode)	50 ± 0.5Hz			
	Frequency (Mains Mode)	Same as input (45-55 Hz)			
	Overload	> 105%			
	Transfer Time(UPS Mode)	< 20 ms.			
	Load Performance Factor	0.6 to 0.8*			
Battery	Type/Voltage	80Ah-200Ah - Tubular, Flat, SMF or Local Battery			
	Number	1		2	
	Typical Recharge Time	10-12 Hrs.			
	Protection	Low Battery, Reverse Polarity			
Physical	Net weight (Kg.)	8.4	9.8	12.5	13.5
	Gross weight (Kg.)	9.2	10.8	13.5	14.6
	Dimension (LxWxH) mm	292X275X120		305X275X130	
LED Displays	Power Switch OFF Indication	"Stand By" Indication LED Steady			
	Power Switch ON (ECO/UPS Mode)	"STAND BY" Indication LED OFF + UPS / ECO Indication (As per mode selection)			
	Low Battery Pre-Alarm	LOW BATTERY LED will blink along with indication LED for UPS/ECO Mode depending upon mode of selection			
	Low Battery (B/L)	LOW BATTERY + UPS / ECO (As per mode selection) Indication Steady			
	ON Mains	ON MAINS + UPS / ECO (As per mode selection) Indication Steady			
	Charging ON (CHG.)	ON MAINS + CHARGING + UPS / ECO (As per mode selection) Indication			
	Overload (O/L)	OVERLOAD + UPS / ECO (As per mode selection) Indication Steady			
	DC Over Voltage	(MAINS+CHG.) LEDs will blink along with indication LED for UPS/ECO Mode depending upon mode of selection			
	Over Temperature	(O/L+B/L) will glow steadily along with indication LED for UPS/ECO Mode depending upon mode of selection			
No Load Shutdown	Only ECO indication LED will blink				
Alarms	UPS ON	Beeps for 5 times			
	Low Battery Pre-alarm	Beeps for 10 times			
	Low Battery	Continuous beep (5 Seconds)			
	Overload & Short circuit	Continuous beep (5 Seconds)			
	Overload Pre-alarm	Beeps for 5 times			
	UPS to Mains change over	Beep			
	Mains to UPS change over	Beeps for 5 times			
	Over temperature	Continuous beep (5 Seconds) for 5 times			
Enviro-mental	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 specification are subject to change without notice.
*For resistive load (incandescent bulb rated 250V AC) at optimum battery voltage.