

# LUMINOUS

## THE GENX HOME UPS WITH UNPRECEDENTED PERFORMANCE!

Eco Volt is a pure sine wave UPS with features such as Intelligent Water Level Indication which helps consumer to track battery water level hassle-free, low harmonic distortion makes inverter practically noiseless. Pure sine wave output makes it highly efficient and saves electrically bills.



**FASTER**  
CHARGING  
WITH UPTO 18 AMPERE

Model **Eco Volt Neo**  
1100VA | 12V

### FEATURES

- Pure sine wave technology
- Rugged technology design for high performance and longer back-up time
- Turbo mode increases voltage across the load and enables them to run faster
- Auto holiday mode preserves battery charge and safeguards battery life
- Supports wide range of batteries with 3-step charging current and 4-step battery type selection
- Adaptive battery charging control technology (ABCC) ensures faster battery charging and enhances battery life up to 70%

### APPLICATIONS



Television



Computer



Refrigerator



Fan



CFL

## TECHNICAL SPECIFICATIONS

Models		1100VA   12V
Input	<b>UPS mode</b>	
	Rated voltage	230V AC
	Undervoltage Cut Off	180±5V
	Undervoltage Restoration	190±5V
	Overvoltage Cut Off	265±5V
	Overvoltage Restoration	255±5V
	<b>ECO mode</b>	
	Undervoltage Cut Off	85±10V
	Undervoltage Restoration	105±10V
	Overvoltage Cut Off	285±10V
Overvoltage Restoration	275±10V	
Output	Rated voltage (Normal Mode)	(200 - 220)V AC ± 5%
	Rated voltage (Turbo Mode)	(200 - 240)V AC ± 5%
	Voltage (Mains Mode)	Same as input
	Frequency (UPS / ECO Mode)	50 ± 0.5Hz
	Load Performance Factor	0.6 to 0.8 <sup>#</sup>
	Frequency (Mains Mode)	Same as input (45-55 Hz)
	Overload	> 105%
	Transfer Time(UPS Mode)	< 20 ms.
Battery	Type/Voltage	80Ah-200Ah - Tubular, Flat, SMF or Local Battery / 12V
	Number	1
	Typical Recharge Time	10-12 Hrs.
	Protection	Low Battery, Reverse Polarity
Physical	Net weight (Kg.)	10.3
	Gross weight (Kg.)	11.3
	Dimension (LxWxH) mm	305X275X140
LED Displays	Power Switch ON (SYSTEM ON Mode)	System ON LED Indication (As per mode selection)
	Turbo	TURBO indication LED OFF/ON (As per mode selection on battery mode only)
	Low Battery Pre-Alarm	LOW BATTERY LED will blink along with indication LED for SYSTEM ON Mode depending upon mode of selection
	Low Battery (B/L)	LOW BATTERY + SYSTEM ON (As per mode selection) Indication Steady
	ON Mains	ON MAINS + SYSTEM ON (As per mode selection) Indication Steady
	Charging ON (CHG.)	ON MAINS + CHARGING + SYSTEM ON (As per mode selection) Indication Steady
	Overload (O/L)	OVERLOAD + SYSTEM ON (As per mode selection) Indication Steady
	DC Over Voltage	Battery Low + SYSTEM ON Blinking
	Over Temperature	All LED Blinking
	Mains Fuse Failure	Mains LED blinking + SYSTEM ON (As per mode selection)
Alarms	Mains to UPS change over	Single Beep for 1 Seconds
	Low Battery Pre-alarm	Beep with 1 second gap till Battery Low
	Low Battery	Continuous beep for 10 Seconds
	Overload & Short circuit	Continuous beep for 10 Seconds
	Overload Pre-alarm	Beep with 1 second gap till Overload
	Over temperature	Continuous beep till fault get reset
	Input Fuse Failure	Continuous beep till fault get reset
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.

<sup>#</sup>For resistive load (incandescent bulb rated at 250 V AC) at optimum battery voltage.