

LUMINOUS

THE GENX HOME UPS WITH UNPRECEDENTED PERFORMANCE!

Eco Volt Neo 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.

Rating **Eco Volt Neo**
2000VA | 24V



FEATURES

- Luminous ECO Volt gives up to 18% more load handling capacity than its competition
- Allow users to choose between different types of battery (Flat, Tubular, VRLA & Local) which can be charged with three different current settings (low, medium & high)

ADVANTAGES

- Adaptive Battery Charging Control Technology increases battery life and reduces electricity consumption that leads to lower electricity bills
- Battery electrolyte level indicator-eliminates the hassles of physically inspecting the battery to check the electrolyte level

APPLICATIONS



Television



Computer



Refrigerator



Fan



CFL

TECHNICAL SPECIFICATIONS

Model		2000VA 24V
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	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
	Load Performance Factor	0.6 to 0.8 [#]
	Frequency (UPS / ECO Mode)	50 ± 0.5Hz
	Frequency (Mains Mode)	Same as input (45-55 Hz)
	Overload	> 105%
	Transfer Time(UPS Mode)	< 20 ms.
Battery	Type/Voltage	80Ah-220Ah - Tubular, Flat, SMF or Local Battery / 24V
	Number	2
	Typical Recharge Time	10-12 Hrs.
	Protection	Low Battery, Reverse Polarity
Physical	Net weight (Kg.)	17.9
	Gross weight (Kg.)	19.2
	Dimension (LxWxH) mm	402X240X132
LED Displays	Power Switch ON (ECO/UPS Mode)	"STAND BY" Indication LED OFF + UPS / ECO 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 ECO / UPS Mode depending upon mode of selection
	Low Battery (B/L)	LOW BATTERY + ECO / UPS (As per mode selection) Indication Steady
	ON Mains	ON MAINS + ECO / UPS (As per mode selection) Indication Steady
	Charging ON (CHG.)	ON MAINS + CHARGING + ECO / UPS (As per mode selection) Indication Steady
	Overload (O/L)	OVERLOAD + ECO / UPS (As per mode selection) Indication Steady
	DC Over Voltage	Battery Low + ECO / UPS (As per mode selection)Blinking
	Over Temperature	All LED Blinking
	No Load Shutdown	Only ECO / UPS indication LED will blink
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
Enviro- nmental	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.