



LUMINOUS

Eco Volt

Sine Wave UPS



700VA - 900VA - 1500VA

Luminous Power Technologies Pvt. Ltd.
website: www.luminousindia.com

Reasons to buy Luminous Home UPS



Luminous ECO Volt gives up to 18% more load handling capacity than its competition.*



Adaptive Battery Charging Control technology adaptively controls the battery charging as per the battery health and need. This increases battery life and reduces electricity consumption that leads to lower electricity bills.



With Luminous ECO Volt, you get up to 12% extra back-up than its competition.*



Luminous Eco Volt can charge at low voltage even at 120 volts and hence can be used anywhere in India.



Battery electrolyte level indicator enables the user to know when the battery needs a water top-up. This eliminates the hassles of physically inspecting the battery to check the electrolyte level and results in better maintenance of the battery, thereby improving battery life.



Auto Holiday feature prevents the discharge of battery from the Home UPS by putting the unit in Eco-mode after it senses prolonged inactivity in the system. This feature saves electricity and improves battery life.



Allow users to choose between different types of battery (Flat, Tubular, VRLA and Local) which can be charged with three different current settings (low, medium, high).

LOAD CHART

700VA

Options	A	B	C	D
53 cm CRT Television	1	-	1	1
Tube Light	3	2	-	-
Fan	3	2	2	2
23W CFL	-	3	8	2
PC with 43 cm LCD	-	1	-	1

900VA

Options	A	B	C	D
53 cm CRT Television	1	-	1	1
Tube Light	5	3	-	-
Fan	4	3	4	3
23W CFL	-	4	8	5
PC with 43 cm LCD	-	1	-	1

1500VA

Options	A	B	C	D
53 cm CRT Television	1	1	1	1
Tube Light	10	9	9	11
Fan	10	5	5	5
23W CFL	-	10	15	4
PC with 43 cm LCD	-	1	-	-
170 L Refrigerator	-	-	-	1

INNOVATIVE TRANSFORMER DESIGN



Luminous **FSW** (Foil & Strip Wound) technology transformer is having one of it's kind design comprising of both foil as well as strip based technology.

BENEFITS OF FSW TECHNOLOGY

- Higher Efficiency
- Minimum Watt Loss
- Short circuit prevention
- Higher Mechanical Strength
- Longer Life

Specifications

Condition		700 VA	900 VA	1500 VA
Input	UPS mode			
	Undervoltage	180±5V		
	Undervoltage Restoration	185±5V		
	Overvoltage	260±10V		
	Overvoltage Restoration	255±10V		
	ECO mode			
	Undervoltage	100±5V		
	Undervoltage Restoration	115±5V		
	Overvoltage	285±10V		
	Overvoltage Restoration	270±10V		
Output	Voltage (UPS)	230V NOMINAL		
	Voltage (Mains Mode)	SAME AS INPUT		
	Frequency (UPS Mode)	50Hz. ±0.5%		
	Frequency (Mains Mode)	SAME AS INPUT (45-55 Hz)		
	Overload	> 110%		
	Transfer Time	10 ms.		
Battery	Type	80Ah-200Ah LEAD ACID TYPE		
	Number	1	1	2
	Typical Recharge Time	10-12 Hrs.		
	Protection	Low Battery, Reverse Polarity		
Physical	Net weight (Kg.)	8.25	9.54	13.72
	Gross weight (Kg.)	9.15	10.45	15.03
	Dimension (LxWxH) mm	292x275x120		305x275x130
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 specification are subject to change without notice.

LUMINOUS POWER TECHNOLOGIES PVT. LTD.

C8 & C9, Community Centre, Janak Puri, New Delhi - 110058

E-mail: mktg@luminousindia.com **Website:** www.luminousindia.com