

LUMINOUS



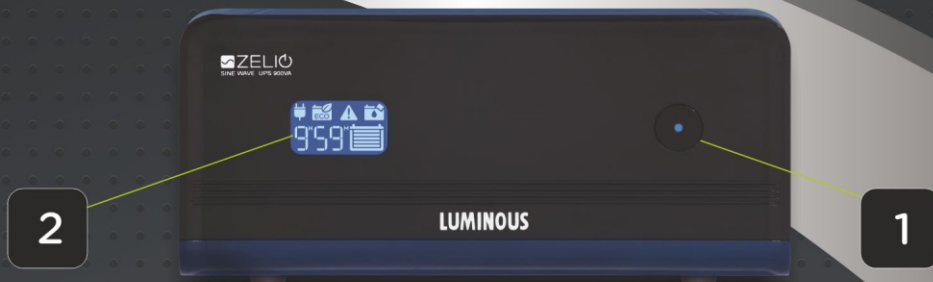
Introducing

ZELIO

A state-of-the-art Home UPS with
power back-up display
in Hours & Minutes



www.luminousindia.com



1. **Power switch:** This switch is for output power ON/OFF. If the switch is OFF, the UPS will not work. If the switch is ON, UPS will work (power LED will glow indicating UPS ON).
2. **LCD Display:** It displays & indicates the various status of the UPS.

Display and Visual Indications:



Mains On

(Glow When Mains Input is available)



Mode Selector

(Displays the mode of operation of UPS)



Fault Indicator

(Glow in case of any fault)



Electrolyte level Indicator

(Glow when water level in battery is low)



Battery Charge Indicator

(Displays the current charge level of battery)



Power back-up status

(Power Back-up display in Hours & Minutes)

SPECIFICATIONS

	SPECIFICATIONS	PARAMETERS
	System Rating	900VA sine wave
Input	UPS Mode	
	Under voltage	185±5V
	UV Restoration	190±5V
	Over voltage	260±5V
	OV Restoration	250±5V
	ECO Mode	
	Under voltage	110±10V
	UV Restoration	120±10V
	Over voltage	290±10V
Output	Over voltage	290±10V
	OV Restoration	280±10V
	Voltage (UPS)	180V - 220V
	Voltage (Mains)	Same as Input
	Frequency (UPS)	50Hz ± 1%
	Frequency (Mains)	Same as Input (45-55Hz)
Battery	Overload	Greater than 105% (5 attempts & then trip)
	Transfer Time	less than 20ms
	Type/Voltage	Tubular, Flat or SMF / 12V
	Number	One
	Charging Current	15A
	Protection	Low Battery (5 attempts & then trip)
Physical	Net Weight (Kg)	9.90Kg
	Gross Weight (Kg)	10.90Kg
	Dimension (mm)	275 x 248 x 120 (W x D x H)
	Enclosure	Indoor
Environmental	Operating Temp.	0 - 45°C
	Storage Temp.	0 - 55°C
	Humidity	0 - 95% RH non-condensing
Front & LCD Display	Power ON/OFF	Indicates when power switch is ON
	Mains ON	Indicates when input is available
	Mode selector	Indicates when ECO mode is selected
	Fault Indicator	Indicates when any fault happens
	Water indicator	Indicates when battery water level is low
	Charge Indicator	Indicates the charge strength in battery
	Time H:MM	Shows charge & discharge back-up time
	Battery selection	Shows selected battery i.e., TUBULAR, FLAT or SMF.
	Faults & Protections	Shows faults & protections i.e., Lbt, oLd, btP, SCT, CbL & otP.
Alarms	Low Battery Prealarm	Beeps
	Low Battery Trip	Beeps
	Overload	Beeps
	Wrong wiring	Beeps
	Over temperature	Beeps
	Short circuit	Beeps

Due to continuous improvement, specifications might change without notice.

FEATURES

- 32 bit DSP processor
- Battery electrolyte level indicator glows whenever the battery requires water top up
- Input mains protection through MCB
- Supports wide battery range, i.e. Flat Plate, Tubular & VRLA (SMF)
- Intelligent back-up and battery management system optimizes back-up time and enhances battery life

PROTECTION FEATURES

- Short circuit & overload protection
- Reverse phase protection
- Wrong wiring protection
- Over-temperature protection
- Battery deep discharge protection

DISPLAY INDICATIONS

- Mains available indication
- ECO mode indication
- Battery electrolyte indication
- Battery charge/discharge level
- Remaining time of battery charge and discharge
- Battery type selection
- Faults & protection indication

FAULT INDICATIONS

- Battery low pre-alarm
- Battery low
- Overload
- Short-circuit
- Faults



LCD
DISPLAY



INTELLIGENT
HOME UPS



SMART CHARGE
TECHNOLOGY



SINE WAVE
OUTPUT



HIGH
EFFICIENCY

LUMINOUS

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