

LUMINOUS



Intelligent Lithium Ion Inverter

INVERTER *WITH*
LITHIUM-ION BATTERY

Li-ON
Rating:- 1100VA | 12V

Key Features



Maintain consistent
backup for its entire life



3X Faster
Charging



No fumes
No Acid Spill



No water top-up
required



Zero
Maintenance

Applications



Television



Computer



Refrigerator



Fan



CFL

TECHNICAL SPECIFICATIONS

Rating		1100VA 12V
Input	Regulated UPS mode	
	Rated Voltage	230V AC
	Undervoltage	180±5V
	Undervoltage Restoration	190±5V
	Overvoltage	265±5V
	Overvoltage Restoration	255±5V
	Unregulated ECO mode	
	Undervoltage	85±10V
	Undervoltage Restoration	105±10V
	Overvoltage	290±10V
	Overvoltage Restoration	280±10V
Output	Rated voltage (UPS Mode)	230V AC ± 10%
	Voltage (Mains Mode)	SAME AS INPUT
	Frequency (UPS Mode)	50 ± 0.5Hz
	Frequency (Mains Mode)	SAME AS INPUT (45-55 Hz)
	Overload	> 100%
	Transfer Time(typical a.s.)	< 20 ms.
Battery	Battery System (Nominal Voltage)	12.8V DC
	Battery Capacity	1280Wh
	Number of Battery	1
	Charging Time	3-4Hrs. typical (On Mains)*
	Type of Battery	Lithium ION Battery
Physical	Net weight (Kg.)	25.0 approx
	Gross weight (Kg.)	27.2 approx
	Dimension (LxWxH)(mm)	300x326x284
Front LCD Displays	Low Battery (B/L)	"LBT" display
	ON Mains	Mains Symbol Display
	Charging ON (CHG.)	Charging Symbol Display
	Overload (O/L)	"Old" display
	Battery High Cut	"bSFL" display
	Short Circuit	"Sct" display
	Over Temperature	"OTP" display
	No Load Shutdown	"nLDL" display
Alarms	UPS ON	Beeps for 2 times
	Low Battery Pre-Alarm	Beeps every 30 Seconds
	Low Battery	Continuous beep (10 Seconds)
	Overload & Short circuit	Continuous beep for 10 Seconds
	Overload (Eco Mode)	Retry for 5 times
	Mains to Inverter change over	Beeps for 2 times
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.

*Charging from mains at 230V AC,

Press & hold front switch for 3 sec to set the ECO/UPS mode. Default mode is ECO mode.