

# LUMINOUS



## LUMINOUS

Luminous Power Technologies Pvt. Ltd.  
Plot No. 150, Sector 44, Gurugram, Haryana -122003  
Tel.: +91-124-477 6700, E-Mail: care@luminousindia.com

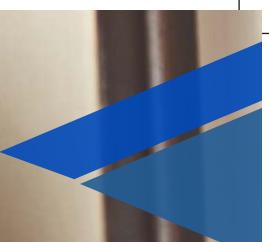
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Invertast Catalogue/Rev01/July 2017

POWERED BY  
**TRUST**  
OF MILLIONS



LUMINOUS



SERVICE SUPPORT OF  
**290 SERVICE CENTERS**  
IN 400 CITIES

LUMINOUS  
**CARE**  
EXPERT SOLUTION. EVERLASTING SUPPORT.  
1800 103 3039 | 1860 500 3939  
care@luminousindia.com



LUMINOUS

BRINGING SMILES TO  
MORE THAN  
**11 MILLION FAMILIES**



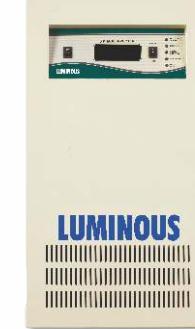
# LUMINOUS



Cruze+



PRO  
3 Phase



ZELIO+



Eco Watt+



Eco Volt+



Shakti Charge+



PRO UPS



Inverlast



REDCHARGE



POWER  
CHARGE



Extra charge



Life-Max



SHAKTI  
CHARGE

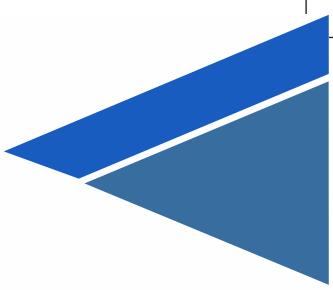


WIDEST RANGE OF  
POWER BACK-UP  
SOLUTIONS

LUMINOUS



POWER BACK-UP  
THAT INDIA LOVES



## WHEN CONTROL MATTERS THE MOST

Luminous Zelio UPS is India's most intelligent UPS, with features such as power back-up time display, hassle-free battery maintenance, MCB protection and is equipped with bypass switch which keeps supplying output from grid even in case of UPS faults.



**India's  
most Intelligent  
UPS**

**ZELIO +**

### KEY FEATURES

- Power back-up time display in hours & minutes
- Intelligent 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)

### TECHNICAL SPECIFICATIONS

Model	Zelio+ 1100	Zelio+ 1700
Capacity & DC Voltage	900VA / 12V	1500VA / 24V
<b>Input</b>		
Voltage	110-285V	110-285V
<b>Output</b>		
Max. Bulb Load	756 Watt	1260 Watt
<b>Battery</b>		
Maximum Charging Current	15A	17A
<b>Physical</b>		
Net Weight (Kg.)	10.0	14.3
Dimension LxWxH (cm)	27.5x24.8x12	31x29x13.5
<b>Protection</b>	Overload, Deep Discharge, Short-circuit & MCB Protection	



PURE SINE WAVE OUTPUT



24 MONTHS WARRANTY



PROTECTION THROUGH MCB



HASSLE-FREE BATTERY MAINTENANCE EXPERIENCE



INTUITIVE & EASY TO USE INTERFACE



AN INTELLIGENT UPS

## EFFICIENCY THAT SAVES YOUR PRECIOUS RESOURCES

Eco Volt is a pure sine wave UPS. The low harmonic distortion makes this UPS practically noiseless and the pure sine wave output makes it efficient and helps save on electricity bills.



**Eco Volt +**



PURE SINE WAVE OUTPUT



24 MONTHS WARRANTY



SUPPORTS FLAT, TUBULAR,  
SMF & LOCAL BATTERY



ABCC TECHNOLOGY



OVERLOAD PROTECTION WITH AUTO RESET



HIGH EFFICIENCY

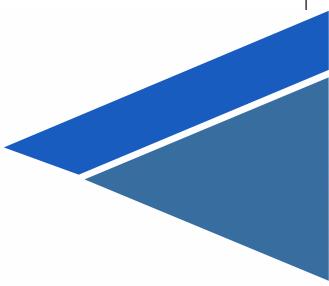
### KEY FEATURES

- Rugged technology design for high performance and longer back-up time, specially suited for Indian power conditions
- Supports a 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

### TECHNICAL SPECIFICATIONS

Model	Eco Volt+ 750	Eco Volt+ 850	Eco Volt+ 1050	Eco Volt+ 1550	Eco Volt+ 1650
Capacity & DC Voltage	650VA / 12V	700VA / 12V	900VA / 12V	1400VA / 12V	1500VA / 24V
<b>Input</b>					
Voltage	85-290V	85-290V	85-290V	85-290V	85-290V
<b>Output</b>					
Max. Bulb Load	546 Watt	588 Watt	756 Watt	1176 Watt	1260 Watt
<b>Battery</b>					
Maximum Charging Current	14A	14A	17A	17A	17A
<b>Physical</b>					
Net Weight (Kg.)	8.2	8.4	9.8	13.5	13.5
Dimension LxWxH (cm)	29.2x27.5x12	29.2x27.5x12	29.2x27.5x12	30.5x27.5x13	30.5x27.5x13
<b>Protection</b>	Overload, Short-circuit, Deep Discharge & MCB Protection*				

\*Only Eco Volt+ 1650

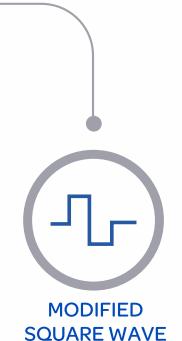


## GREAT PERFORMANCE WITH LOW ENERGY CONSUMPTION

The Eco Watt series is the No.1 selling UPS product of Luminous. It is built with advanced PCB programming, microprocessor and FSW transformer, making it highly efficient. Also, it consumes less power and is capable of taking higher load.



**Eco Watt+**



MODIFIED SQUARE WAVE



24 MONTHS WARRANTY



SUPPORTS FLAT, TUBULAR,  
SMF & LOCAL BATTERY



3 STAGE CHARGING



EXTRA LOAD  
HANDLING IN  
COMPARISON WITH  
COMPETITION



RUNS FOR  
LONGER HOURS

### KEY FEATURES

- Battery charging commences at input voltage as low as 110V AC
- Four selectable charging profiles customized to different battery types
- Intelligent thermal management system keeps your system cool and shuts down the system during over temperature condition
- USB port for mobile charging\*

### TECHNICAL SPECIFICATIONS

Model	Eco Watt+ 350	Eco Watt+ 650	Eco Watt+ 750	Eco Watt+ 850	Eco Watt+ 950i	Eco Watt+1050	Eco Watt+ 1650
Capacity & DC Voltage	300VA / 12V	600VA / 12V	700VA / 12V	800VA / 12V	900VA / 12V	900VA / 12V	1500VA / 24V
<b>Input</b>							
Voltage	90-290V	85-285V	100-290V	100-290V	100-290V	100-290V	100-290V
<b>Output</b>							
Max. Bulb Load	250 Watt	504 Watt	588 Watt	672 Watt	725 Watt	756 Watt	1260 Watt
<b>Battery</b>							
Maximum Charging Current	8A	13A	14A	14A	17A	17A	17A
<b>Physical</b>							
Net Weight (Kg.)	5.2	7.0	7.7	7.9	9.1	9.3	13.8
Dimension LxWxH (cm)	23.2x12.3x9.6	20.6x27.5x11.5	26.1x27.5x12.4	26.1x27.5x12.4	26.1x27.5x12.4	26.1x27.5x12.4	30.5x27.5x14
<b>Protection</b>	Overload, Short-circuit, Battery Deep Discharge Protection & MCB Protection*						

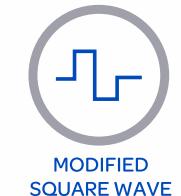
\*Ecowatt+ 350 model only. \*Ecowatt+ 1650 model only.

## BE CHARGED FOR EVERY MOMENT

India's most trusted UPS for rural and semi-urban areas with in-built heavy duty charger that charges the battery with full current even at low voltage. It is an ideal choice for areas with low input voltage and power cut duration from 8-14 hours



**Shakti Charge+**



MODIFIED  
SQUARE WAVE



24 MONTHS  
WARRANTY



95  
Volts

LOW VOLTAGE  
CHARGING- 95 VOLTS



IN-BUILT BATTERY  
GRAVITY BUILDER



3 MODES  
BATTERY CHARGER



POWERFUL  
CHARGER

### KEY FEATURES

- Smart charge technology that can charge the battery faster than normal long back-up UPS
- Charges the battery even at as low as 95 volts of input mains, thereby eliminating the need of external stabilizer
- Dual charging current option as per connected battery capacity
- User selectable three mode battery selections for Flat Plate, Tubular & Local Battery
- Electronic reverse battery polarity protection

### TECHNICAL SPECIFICATIONS

Model	Shakti Charge+ 1150	Shakti Charge+ 1450	Shakti Charge+ 1700
Capacity & DC Voltage	900VA / 12V	1100VA / 12V	1500VA / 24V
<b>Input</b>			
Voltage	90-290V	90-290V	90-290V
<b>Output</b>			
Max. Bulb Load	756 Watt	924 Watt	1260 Watt
<b>Battery</b>			
Maximum Charging Current	16A	20A	20A
<b>Physical</b>			
Net Weight (Kg.)	10.8	12.3	17.50
Dimension LxWxH (cm)	40.2x32x13.2	40.2x32x13.2	40x32x13.2
<b>Protection</b>	Overload, Short-circuit, Battery Deep Discharge Protection & Battery Reverse Polarity Protection		

## HEAVY LOAD ISN'T BURDEN ANYMORE

Eco Watt+ Rapid is specially designed to cater to the needs of areas where there are frequent power cuts and that too for short durations. It offers high KVA ratings that too on a single battery, thereby saving on space & money.



**Eco Watt+  
Rapid 12V**

### KEY FEATURES

- Single battery based UPS that is capable of running heavy power loads such as steam iron, heater, immersion rod, rice cooker etc.<sup>#</sup>.
- Twin output sockets for regular load as well as power load with intelligent output load optimization feature<sup>#</sup>.
- Charges battery with full current even when the mains input voltage is as low as 95 Volt.
- Proprietary 'Rapid Battery Charge' (RBC) technology that can recharge the battery up to 60% faster.

### TECHNICAL SPECIFICATIONS

Model	Eco Watt+ 1250 Rapid	Eco Watt+ 1650 Rapid
Capacity & DC Voltage	1100VA / 12V	1500VA / 12V
<b>Input</b>		
Voltage	90-290V	90-290V
<b>Output</b>		
Max. Bulb Load	924 Watt	1260 Watt
<b>Battery</b>		
Maximum Charging Current	20A	27A
<b>Physical</b>		
Net Weight (Kg.)	13.0	17.7
Dimension LxWxH (cm)	40.2x32x13.2	40.2x32x15
<b>Protection</b>	Overload, Short-circuit & Battery Deep Discharge Protection	

<sup>#</sup>Ecowatt+1650 Rapid only

- RUNS ON SINGLE BATTERY**
- 24 MONTHS WARRANTY**
- CAN RUN STEAM IRON, HEATER, IMMERSION ROD, RICE COOKER ETC<sup>#</sup>**
- USER SELECTABLE SWITCH FOR BATTERY TYPE FOR OPTIMUM BATTERY LIFE AND PERFORMANCE**
- TWIN OUTPUT SOCKET<sup>#</sup>**
- 95 Volts**
- CHARGES BATTERY WITH FULL CURRENT EVEN AT 95 VOLT**

## GET POWER-PACKED PERFORMANCE, EVERYDAY

Luminous Pro UPS is high capacity UPS with features such as load and battery level display in percentage, MCB protection, seven segment digital display and faster charging ability, making it a preferred UPS model.



**PRO UPS**

### KEY FEATURES

- Battery charge level & load percentage display.
- Smart charge technology that can charge battery quicker than normal long back-up UPS.
- Capable of running heavy loads such as laser printers, photo-copiers, scanners etc.
- Charges the battery with full current even when the mains input voltage is as low as 95V.
- User selectable switch for battery type (Tubular, Flat plate & Local battery) for optimum battery life & performance.

### TECHNICAL SPECIFICATIONS

Model	Pro UPS 2250	
Capacity & DC Voltage	2000VA / 24V	
<b>Input</b>		
Voltage	90-290V	
<b>Output</b>		
Max. Bulb Load	1680 Watt	
<b>Battery</b>		
Maximum Charging Current	20A	
<b>Physical</b>		
Net Weight (Kg.)	19.3	
Dimension LxWxH (cm)	40x33.8x15	
<b>Protection</b>	Overload, Deep Discharge, Short-circuit, Over temperature and MCB	

- MODIFIED SQUARE WAVE**
- 24 MONTHS WARRANTY**
- MCB PROTECTION**
- 95 Volts**
- CHARGES BATTERY WITH FULL CURRENT EVEN AT 95 VOLTS**
- CAN RUN PRINTER/ PHOTO-COPIER**
- 3 MODES BATTERY CHARGER**

LUMINOUS

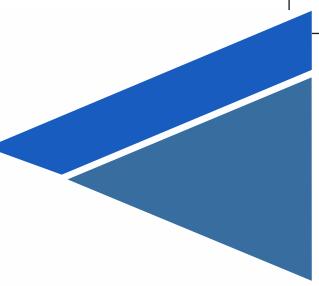


Cruze+



NOW RUN ANYTHING  
ANY TIME

**HKVA**  
HIGH CAPACITY UPS



## INTELLIGENCE CAN TACKLE HEAVY WORKLOADS WITH EASE

Home and commercial establishments have higher power needs. Frequent power-cuts can hamper the overall performance of the appliances. Luminous Higher KVA UPS offers high quality and reliable power back-up solution for running office and sensitive equipments.



**Cruze+**

### KEY FEATURES

- High over-load handling capacity
- Installation and maintenance friendly
- Advanced battery management which enhances battery life up to 70%
- Intelligent battery charging mechanism

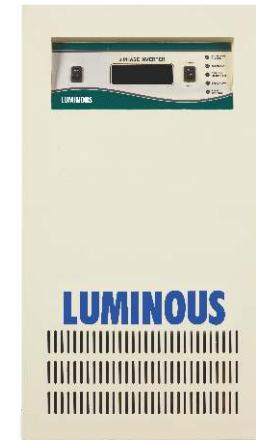
### TECHNICAL SPECIFICATIONS

Model	2KVA	2.5KVA	3.5KVA	4KVA	5.2KVA	5.5KVA	6KVA	7.5KVA	10KVA
Capacity & DC Voltage	2000VA/24V	2500VA/36V	3500VA/48V	4000VA/48V	5200VA/72V	5500VA/96V	6000VA/120V	7500VA/120V	10000VA/180V
<b>Input</b>									
Voltage	100-285V	100-285V	100-285V	100-285V	140-285V	140-280V	140-280V	140-280V	140-280V
<b>Output</b>									
Max. Bulb Load	1680 Watt	2100 Watt	2940 Watt	3360 Watt	4000 Watt	4200 Watt	4800 Watt	6000 Watt	8000 Watt
<b>Battery</b>									
Maximum Charging Current	21A	21A	21A	21A	21A	12A	12A	12A	12A
<b>Physical</b>									
Net Weight (Kg.)	22.25	23.00	31.90	31.90	44.50	59.2	63.2	64	91.85
Dimension LxWxH (cm)	28x30.5x28	28x30.5x28	28x30.5x38	28x30.5x38	28x36.5x38	58.8x34.1x34.7	58.8x34.1x34.7	60x35x36	62.5x34.5x51
<b>Protection</b>	Overload, Short-circuit, Battery Deep Discharge Protection & MCB Protection								

- PURE SINE WAVE OUTPUT
- 24 MONTHS WARRANTY
- MCB PROTECTION
- BY PASS SWITCH
- SEVEN SEGMENT DISPLAY
- SYNCHRONIZED CHANGEOVER

## NON-STOP BUSINESS DURING POWER CUTS

Commercial establishments have 3-phase power supply for running heavy loads, lifts, lighting loads, etc. Luminous Pro and Lift Pro range is capable of providing backup and emergency backup for non-critical applications in commercial establishments. Pro has been backup solution of choice in wide applications in hotels, commercial offices, hospitals, shopping malls, lifts.



**PRO** | **LIFT PRO**  
3 Phase | 3 Phase

- 3-PHASE IN 3 PHASE OUT
- 24 MONTHS WARRANTY
- MCB PROTECTION
- PURE SINE WAVE OUTPUT
- LCD DISPLAY
- SYNCHRONIZED CHANGEOVER

### KEY FEATURES

- Suitable for Heavy Duty Applications
- Low Running Cost, with high reliability
- Safety for sensitive equipments
- User Friendly LCD display
- Unbalance load handling capability
- Inbuilt phase reversal detection
- Reverse battery protection

### TECHNICAL SPECIFICATIONS

Model	PRO 5KVA	PRO 7.5KVA	PRO 10KVA	PRO 15KVA	PRO 20KVA
Nominal Battery Voltage	72V DC	180V DC	180V DC	240V DC	360V DC
Nominal Input Voltage			415V, 3Phase+Neutral		
<b>Battery</b>					
Charging Current			5A / 10A / 15A (Selectable)		
<b>Physical</b>					
Net Weight (Kg.)	75	77.5	89.6	125	130
Dimension LxWxH (cm)	32x62.5x53	32x62.5x53	32x62.5x53	40x75.5x68	40x75.5x68
Model	LIFT PRO 6KVA	LIFT PRO 7.5KVA	LIFT PRO 10KVA	LIFT PRO 15KVA	
Nominal Battery Voltage	72V DC	180V DC	180V DC	180V DC	
Nominal Input Voltage			415V, 3Phase+Neutral		
<b>Battery</b>					
Charging Current			5A / 7A / 10A (Selectable)		
<b>Physical</b>					
Net Weight (Kg.)	77.5	77.5	82	89.6	
Dimension LxWxH (cm)	32x62.5x53	32x62.5x53	32x62.5x53	32x62.5x53	

LUMINOUS



LONGEST LASTING  
**BATTERIES**  
IN THE INDUSTRY

# LUMINOUS

## POWER THAT LASTS LONG AND GOES ON AND ON

Shakti Charge range is the latest innovation in batteries that offers longer service life and longer backup. It is designed with thick tubular plates which are best suited to provide backup in frequent/ long power cut areas.



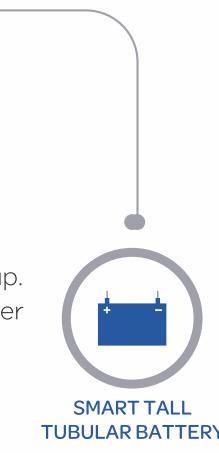
**SHAKTI  
CHARGE**

### KEY FEATURES

- Extremely high purity, corrosion-resistant proprietary spine alloy composition ensures longer service life
- Tubular plate construction ensures uniform distribution of positive active material from extremely long life and superior performance
- Extra strong and flexible oxidation resistant gauntlet for higher performance and extreme long life
- Plates are specially designed for better charge acceptance.

### TECHNICAL SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity @ 27°C (Ah)	Dimensions of Container			Electrolyte Volume (Ltrs.)	Charging Current (Amp)			Weight (Kg.)		Water Level Indicator (No.)	
			Length (mm)	Width (mm)	Height (mm)		Boost Mode		Trickle Mode	Dry	Filled		
							Starting Current	Finishing Current	Min (mA)	Max (mA)			
SC 12054	12	110	502	191	377	17.50	11.10	5.5	92	370	22.6	44.3	6
SC 16054	12	135	502	191	377	18.00	13.60	6.8	113	454	27.4	50.0	6
SC 18054	12	150	502	191	377	18.20	15.10	7.6	126	504	28.6	51.2	6



SMART TALL  
TUBULAR BATTERY



54 MONTHS  
WARRANTY\*



FACTORY CHARGED  
BATTERY IN READY  
TO USE CONDITION



EASY MAINTENANCE  
WITH LEVEL  
INDICATORS



LONG & TUBULAR  
PLATES GIVE  
MORE BACK-UP &  
LONGER LIFE



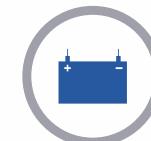
HIGH DURABILITY  
WITH SEALED  
PLASTIC HOUSING

## EXCELLENCE CAN GO A LONG WAY

Luminous Life-Max tall tubular battery delivers unparalleled power back up even at the hardest of times. So when you choose Luminous product, you choose the avant grande technology. That's why, we bring to you an unprecedented 5 YEAR FREE REPLACEMENT WARRANTY battery that allows you to enjoy free replacement, in case of any malfunctioning.



**Life-Max**



TALL TUBULAR  
BATTERY



75 MONTHS  
WARRANTY\*



FACTORY CHARGED  
BATTERY IN READY  
TO USE CONDITION



EASY MAINTENANCE  
WITH LEVEL  
INDICATORS



LONG & TUBULAR  
PLATES GIVE  
MORE BACK-UP &  
LONGER LIFE



HIGH DURABILITY  
WITH SEALED  
PLASTIC HOUSING

\*Conditions apply

\*Conditions apply

## CONSISTENT PLAYERS ARE THE SUPERIOR PERFORMERS

Inverlast Tall tubular range of batteries are next generation Tall Tubular batteries which are designed to withstand long and frequent power cuts. The ultimate tall tubular batteries, especially designed with thick tubular plates are best suited for areas with frequent power cuts. These long lasting batteries have 30% more Acid volume per ampere hour than ordinary tubular batteries. These batteries can also withstand overcharge better. Its superior features have made it the most demanded tall tubular battery.



**Inverlast**  
TALL TUBULAR BATTERIES

### KEY FEATURES

- Extremely high purity, corrosion-resistant proprietary spine alloy composition ensures longer battery service life
- Tubular plate construction ensures uniform distribution of positive active material for extremely long life and superior performance
- Extra-strong, and flexible oxidation-resistant gauntlet for higher performance and extremely long life
- Plates are specially designed for better charge acceptance

### TECHNICAL SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity @ 27°C (Ah)	Dimensions of Container			Electrolyte Volume (Ltrs.)	Charging Current (Amp)			Weight (Kg.)		Water Level Indicator (No.)	
			Length (mm)	Width (mm)	Height (mm)		Boost Mode		Trickle Mode	Dry	Filled		
							Starting Current	Finishing Current	Min (mA)	Max (mA)			
ILTT 18000N	12	150	502	191	440	19.80	15.10	7.60	126.0	504	28.8	53.3	6
ILTT 18048N	12	150	502	191	440	20.20	15.10	7.60	126.0	504	29.7	54.7	6
ILTT 20048	12	160	502	191	440	20.30	16.10	8.10	134.0	538	29.2	54.4	6
ILTT 22060	12	165	502	191	440	20.20	16.60	8.30	139.0	554	31.7	56.8	6
ILTT 24060	12	180	502	191	440	20.60	18.10	9.10	151.0	605	34.4	60.0	6
ILTT 25060	12	200	502	191	440	19.30	20.20	10.10	168.0	672	38.6	62.5	6
ILTT 26060	12	220	502	191	440	17.40	22.20	11.10	185.0	739	42.0	63.6	6



TALL TUBULAR BATTERY



48-60 MONTHS WARRANTY\*



FACTORY CHARGED  
BATTERY IN READY  
TO USE CONDITION



EASY MAINTENANCE  
WITH LEVEL  
INDICATORS



LONG & TUBULAR  
PLATES GIVE  
MORE BACK-UP &  
LONGER LIFE



HIGH DURABILITY  
WITH SEALED  
PLASTIC HOUSING

## PERFORMANCE THAT GOES ON & ON

Inverlast range of short tubular batteries use Tubular Technology and have deep cycle design. The Abuse resistant batteries require minimum maintenance and have electrolyte level indicator. These batteries recharge very fast and are suitable for areas that suffer from frequent and long power cuts. These batteries are designed with thicker positive plates and more electrolyte volume than normal batteries, to withstand power outage.



**Inverlast**  
SHORT TUBULAR BATTERIES



SHORT TUBULAR BATTERY



36-48 MONTHS WARRANTY\*



FACTORY CHARGED  
BATTERY IN READY  
TO USE CONDITION



EASY MAINTENANCE  
WITH LEVEL INDICATORS



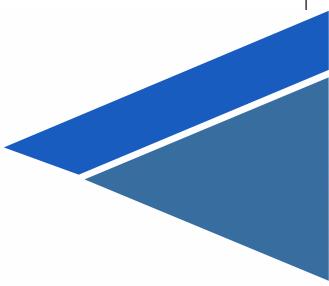
TUBULAR PLATES  
GIVE MORE BACK-UP  
& LONGER LIFE



IDEAL FOR  
LONGER DURATION &  
FREQUENT  
POWER CUT AREAS

\*Conditions apply

\*Conditions apply



## PEACE OF MIND FOR YEARS TO COME

Best in class Luminous Inverlast series of flat plate batteries with robust design, excellent charging acceptance, low water loss, enhanced life (Thick plate construction with special paste formulation) for the areas with frequent power cuts. The battery uses more plates, means more surface area giving more power. Factory-charged and ready for commissioning.



**Inverlast**  
FLAT PLATE BATTERIES

### KEY FEATURES

- Extra thick plates ensure long life
- Special alloy - very low battery maintenance
- Very good charge acceptance- suitable for frequent power cuts
- Level indicators enable easy maintenance

### TECHNICAL SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity @ 27°C (Ah)	Dimensions of Container			Electrolyte Volume (Ltrs.)	Charging Current (Amp)		Weight (Kg.)		Water Level Indicator (No.)		
			Length (mm)	Width (mm)	Height (mm)		Boost Mode		Trickle Mode				
							Starting Current	Finishing Current	Min (mA)	Max (mA)			
IL 16039FP	12	135	505	220	277	10.20	13.60	6.80	113	454	27.0	39.7	6
IL 1830FP	12	150	505	220	277	9.20	15.10	7.60	126	504	28.6	40.0	6
IL 18039FP	12	150	505	220	277	9.30	15.10	7.60	126	504	28.9	40.4	6

### LOW RESISTENCE GIVES LONGER BACK-UP ON HIGHER LOAD



### EASY MAINTENANCE WITH LEVEL INDICATORS

\*Conditions apply

## STUNNING PERFORMANCE STUNNING TECHNOLOGY

The new Extra Charge battery is manufactured using one of the world's most exclusive, advanced and state-of-the-art 'HADI' high pressure spine casting (at 100 bar) machines, which is not commonly available. Extra charge is developed with high-corrosion resistant and robust spine technology using the HADI process, which ensures a super fine grain structure, for strength, long life and highest reliability.



**Extra charge**  
Extra Back Up Extra Life ➤➤➤



TALL TUBULAR BATTERY



36 MONTHS WARRANTY



FACTORY CHARGED BATTERY IN READY TO USE CONDITION



HIGH DURABILITY WITH SEALED PLASTIC HOUSING



EASY MAINTENANCE WITH LEVEL INDICATORS

# LUMINOUS

## BRING HOME THE POWER OF PERFORMANCE

Highly reliable tubular-plate technology enables batteries to deliver a larger amount of consistent power. They are engineered to deliver increased power and efficiency while maximizing battery life. The tubular-plate batteries perform better on heavy-duty applications. Even the maintenance required with these batteries is quite less. The batteries withstand long and frequent power cuts.



### KEY FEATURES

- Low antimony alloy used - very low maintenance
- Robust Tubular plates provide many years of service
- Excellent overcharge tolerance

### TECHNICAL SPECIFICATIONS

Model	Nominal Voltage (V)	Rated Capacity @ 27°C (Ah)	Dimensions of Container			Electrolyte Volume (Ltrs.)	Charging Current (Amp)		Weight (Kg.)		Water Level Indicator (No.)
			Length (mm)	Width (mm)	Height (mm)		Boost Mode Starting Current	Finishing Current	Min (mA)	Max (mA)	
PC 18042	12	150	502	191	440	20.20	15.10	7.60	126.0	504.0	29.3
RC 15000	12	120	505	220	308	14.00	12.10	6.00	101.0	403.0	21.0
RC 18000	12	150	502	191	440	20.00	15.10	7.60	126.0	504.0	28.5
RC 25000	12	200	502	191	440	19.90	20.20	10.10	168.0	672.0	34.3
									59.0	59.0	6

HIGH DURABILITY WITH SEALED PLASTIC HOUSING

\*Conditions apply

- TUBULAR BATTERY
- 36-42 Months Warranty\*
- FACTORY CHARGED BATTERY IN READY TO USE CONDITION
- EASY MAINTENANCE WITH LEVEL INDICATORS
- IDEAL FOR LONGER POWER CUT AREAS
- HIGH DURABILITY WITH SEALED PLASTIC HOUSING

**Powerful Inside  
Beautiful Outside**

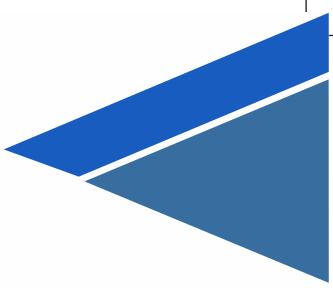


**Tough X**  
Trolley

Luminous Tough-X Trolley is an elegantly designed product, which is sturdy as a rock and yet pleasing to the eye. It surely is the very best accessory for your Luminous UPS set.

### The Take Home Luminous Trolley Advantages

- |  |  |
|--|--|
|  | Shock Proof Complete protection from Electrical shocks |
|  | Super Compatible Works with all types of batteries     |
|  | Easy to assemble                                       |
|  | Top-Notch Built Wheels of premium quality              |
|  | High Durability Made from high-grade plastic material  |



## SPECIFICATION SUMMARY UPS

Model Number	Rating	Sine Wave	Battery System	Max. Charging Current (Amp)	Battery Water Level Indication	MCB Protection	Maximum Bulb Load (watt)*#	MRP (₹)
Eco Watt								
Eco Watt+ 350	300 VA		12 V	8 amp			250	5,400
Eco Watt+ 650	600 VA		12 V	13 amp			504	5,900
Eco Watt+ 750	700 VA		12 V	14 amp			588	6,200
Eco Watt+ 850	800 VA		12 V	14 amp			672	6,700
Eco Watt+ 950i	900 VA		12 V	17 amp			725	7,200
Eco Watt+ 1050	900 VA		12 V	17 amp			756	8,550
Eco Watt+ 1650	1500 VA		24 V	17 amp	✓		1260	10,150
Shakti Charge								
Shakti Charge+ 1150	900 VA		12 V	16 amp			756	9,250
Shakti Charge+ 1450	1100 VA		12 V	20 amp			924	9,750
Shakti Charge+ 1700	1500 VA		24 V	20amp			1260	10,350
Rapid Charge								
Eco Watt + Rapid 1250	1100 VA		12 V	20 amp			924	9,550
Eco Watt + Rapid 1650	1500 VA		12 V	27 amp			1260	10,600
Eco Volt								
Eco Volt+ 750	700 VA	✓	12 V	14 amp			546	7,180
Eco Volt+ 850	700 VA	✓	12 V	14 amp			588	7,540
Eco Volt+ 1050	900 VA	✓	12 V	17 amp			756	9,660
Eco Volt+ 1550	1400 VA	✓	12 V	17 amp			1176	11,200
Eco Volt+ 1650	1500 VA	✓	24 V	17 amp	✓		1260	11,320
Zelio								
Zelio+ 1100	900 VA	✓	12 V	15amp	✓	✓	756	10,000
Zelio+ 1700	1500 VA	✓	24 V	17 amp	✓	✓	1260	12,500
Pro UPS								
Pro UPS 2250	2000VA		24 V	20 amp		✓	1600	14,460
Cruze								
Cruze 2000 24V	2 KVA	✓	24 V	21amp		✓	1680	20,000
Cruze 2500 36V	2.5 KVA	✓	36 V	21amp		✓	2100	23,500
Cruze 3500 48V	3.5 KVA	✓	48 V	21amp		✓	2940	27,500
Cruze+ 4000 48V	4 KVA	✓	48 V	21amp		✓	3360	39,990
Cruze 5200 72V	5.2 KVA	✓	72 V	21amp		✓	4000	49,990
Cruze 5500 96V	5.5 KVA	✓	96 V	12amp		✓	4200	51,990
Cruze 6000 120V	6 KVA	✓	120 V	12amp		✓	4800	58,000
Cruze 7500 120V	7.5 KVA	✓	120 V	12amp		✓	6000	65,000
Cruze 10000 180V	10 KVA	✓	180 V	12amp		✓	8000	82,000

\*The maximum peak load that UPS can take at given point of time before getting into overload zone.

## SPECIFICATION SUMMARY BATTERY

Model Name	Product Rating	Total Warranty (Months)	Replacement Warranty (Months)	Dimensions in mm (LxWxH)	Back-up time (in hrs. & minutes*)	MRP (₹)
<b>Flat Plate</b>						
IL 16039FP	135Ah	21+18*	21	505x220x277	2:10	12,370
IL 1830FP	150 Ah	15+15*	15	505x220x277	2:45	12,670
IL 18039FP	150Ah	21+18*	21	505x220x277	2:50	13,670
<b>Short Tubular</b>						
ILST 8036	60Ah	24+12*	24	412x173x267	0:30	6,880
ILST 10036	80 AH	24+12*	24	410x174x305	1:10	8,425
ILST 12042	100 AH	24+18*	24	505x220x308	1:45	10,245
ILST 15048	120 AH	30+18*	30	505x220x308	2:15	12,270
RC 15000	120 AH	18+18*	18	505x220x308	2:05	11,100
ILST 1842	150 AH	24+18*	24	505x220x308	2:40	14,200
ILTJ 18030N	150 AH	30+12*	30	518x272x307	3:00	14,870
ILTJ 18148	150 AH	36+12*	36	518x272x307	3:00	15,540
<b>Tall Tubular</b>						
RC 18000	150 AH	18+18*	18	502x191x440	3:00	14,100
PC 18042	150 AH	24+18*	24	502x191x440	3:00	14,600
ILTT 18000N	150AH	30+18*	30	502x191x440	2:25	15,270
EC 18036	150AH	36	36	502x191x440	3:00	16,140
LM 18075	150 AH	60+15*	60	502x191x440	3:15	25,100
ILTT 18048N	150 AH	36+24*	36	502x191x440	3:00	17,235
ILTT 20048	160 AH	30+18*	30	502x191x440	3:05	16,070
ILTT 22060	165 AH	36+24*	36	502x191x440	3:10	18,440
ILTT 24060	180 AH	36+24*	36	502x191x440	3:35	19,740
RC 25000	200AH	18+18*	18	502x191x440	3:50	17,600
ILTT25060	200 AH	36+24*	36	502x191x440	3:50	21,340
ILTT 26060	220 AH	36+24*	36	502x191x440	4:15	22,940

\*Battery backup time @ 400 Watt standard bulb load.

\* Conditions apply

# LUMINOUS

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 www.luminousindia.com

**CONNECT  
WITH US ON  
SOCIAL MEDIA  
TO EXPLORE  
THE WORLD OF  
LUMINOUS**



**CONNECT  
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TO GET INSTANT  
**BUSINESS**  
INFORMATION**

#### Mpartner App

The Mpartner App is one stop solution for all your needs. App features- Luminous product catalogue, WRSentry and much more. It is the easiest way to register your warranty cards, and avail rewards as per the WRSScheme.

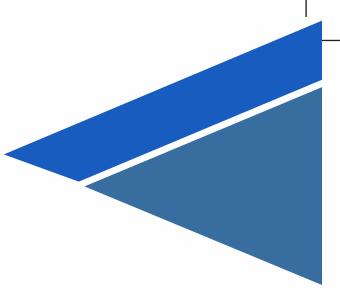
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- Download the Mpartner App from Google Play Store
- Login using Sap Code and OTP sent on your registered number
- Once done, app showcases arrays of tabs on its home Screen like - "Product catalogues", "WRS entry", "Contact Us" etc
- Use the product catalogue tab to see model-wise UPS and Battery details
- Use WRS Tab, to enter WRS cards. You can do so either by entering serial number manually or by scanning it. Then app will display a form, fill in all the details and submit to enter WRS card
- You can also give your suggestion to us from contact us tab

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## NOTES

