



INDIA'S SUPERBRAND SRD YEAR IN A ROW.



959

INVERTER & BATTERY PRODUCT CATALOGUE 2019



LUMINOU



SERVICE SUPPORT OF 290 SERVICE CENTERS IN 400 CITIES



WIDEST RANGE OF POWER SOLUTIONS

















Life-Max















POWER BACK-UP THAT INDIA LOVES



INDIA'S FIRST WALL MOUNTED SMART POWER BACKUP SYSTEM

Luminous Regalia Solar UPS, is our most sophisticated and smartest power back-up system. It is India's first wall mounted smart power back-up system, designed to suit your modern sensibilities. It is a pure sine wave Home UPS which makes it practically noiseless and highly efficient. It comes with Li-ion batteries that are maintenance free with a life-cycle of up to 10 years. Regalia not only offers style but is also a Smart device which shows you the remaining back-up and battery charging time on its display screen.

key features

PROTECTION

- Powered by Li-Ion Battery which has 3x longer life, 3x charging speed and is 15% more efficient*
- In-built Battery Management System(BMS) and safety mechanism makes it safe for use and protect against surge or short circuits
- Smart Home UPS with Wi-Fi connectivity and Mobile App for device control
- Colour Touch Screen to view backup time, charging time or device configuration
- Battery Charging commences at input voltage as low as 100V

• Warranty: 24 months on electronics and 60 months on battery Regalia Coogle Play PURE CHILD WI-FI **UP TO 15%** LI-ION ZERO CONNECTIVITY SINE WAVE MAINTENANCE SAFE MORE EFFICIENCY* BATTERY **TECHNICAL SPECIFICATIONS** MODEL Regalia 900 Regalia 1530 Regalia 1550 **CAPACITY & DC VOLTAGE** 900VA / 48V 1500VA / 48V 1500VA / 48V 100 005 100 0051 100 0051

	100-2859	100-2851	100-2859
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SUGGESTED LOAD	540 Watt	900 Watt	900 Watt
MAXIMUM CHARGING CURRENT	15A	15A	15A
NET WEIGHT (KG.)	38.6	51.2	60
DIMENSION LXWXH (CM)	19.5x46x74	19.5x46x74	19.5x46x74

BMS for Li-Ion Battery, Low Battery, Overload, Deep Discharge, Over Temperature, Short Circuit & Reverse Polarity

INDIA'S MOST INTELLIGENT HOME UPS GETS SMARTER!

Luminous Zelio Wi-Fi is India's smartest Home UPS with Wi-Fi connectivity and displays back-up time in hours & minutes. The low harmonic distortion makes this Home UPS practically noiseless and the pure sine wave output makes it highly efficient and helps save on electricity bills.

key features

- Smart Home UPS with intuitive LCD Display, Wi-Fi connectivity and Android/iOS app
- The App allows access to device statistics on your Smartphone, like Back-up time remaining, Battery charging time, Input Voltage on Mains supply, % load on Home UPS in back-up mode, Power Cut Trend and Battery Health Status
- 32 bit DSP Processor which optimizes charging current and calculates back-up time
- Input mains protection through MCB instead of fuse
- Easily Bypass the device the in case of device fault and allow mains to be available without any wiring changes
- O Supports wide battery range, i.e. Flat Plate, Tubular & VRLA (SMF)



INDIA'S MOST INTELLIGENT HOME UPS WITH MOBILE APP CONTROL!

Luminous Zelio-i is a smart Home UPS which works with Bluetooth technology. It can be controlled with the iControl feature on the Android/iOS Smartphone App. The low harmonic distortion makes this inverter practically noiseless and the pure sine wave output makes it highly efficient and helps save on electricity bills.

key features

- Smart Home UPS with intuitive LCD Display, Bluetooth connectivity and Android/iOS app
- High Power Mode in App lets you run heavy appliances such as iron, mixer, hair dryer etc. in back-up mode for up to 10 minutes on a lower capacity inverter
- Performance Optimization mode in App lets you to choose between Backup Time and High Performance of your appliances (like fan, lights, etc.)
- The App can also display device statistics like Back-up time remaining, Battery charging time, Input Voltage on Mains supply, % load on inverter in back-up mode, Power Cut Trend and Battery Health Status
- O 32 bit DSP Processor which optimizes charging current and calculates back-up time
- Easily Bypass the device the in case of device fault and allow mains to be available without any wiring changes



INPUT VOLTAGE RANGE	110-285V	110-285V							
MAX. BULB LOAD	756 WATT	1260 WATT							
MAXIMUM CHARGING CURRENT	15A	17A							
NET WEIGHT (KG.)	10.0	14.3							
DIMENSION LXWXH (CM)	27.5X24.8X12	31X29X13.5							
PROTECTION	Overload, Low Battery, Over Charge, Short Circuit, Over Temperature & Wrong Wiring								

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. The low harmonic distortion makes this inverter practically noiseless and the pure sine wave output makes it highly efficient and helps save on electricity bills.

key features

- Power back-up time display in hours & minutes
- Intelligent 32 bit DSP Processor
- O Battery Electrolyte Level Indicator glows whenever the battery requires water top-up
- Input mains protection through MCB
- Supports wide battery range, i.e. Flate Plate, Tubular & VRLA (SMF)





MODEL	ZELIO+ 1100	ZELIO+ 1700
CAPACITY & DC VOLTAGE	900VA / 12V	1500VA / 24V
INPUT VOLTAGE RANGE	110-285V	110-285V
MAX. BULB LOAD	756 WATT	1260 WATT
MAXIMUM CHARGING CURRENT	15A	17A
NET WEIGHT (KG.)	10.0	14.3
DIMENSION LXWXH (CM)	27.5X24.8X12	31X29X13.5
PROTECTION	Overload, Low Battery, Over Charge, Sh	ort Circuit, Over Temperature & Wrong Wiring

EFFICIENCY THAT SAVES YOUR PRECIOUS RESOURCES

Eco Volt is a pure sine wave Home 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.

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+ 650	Eco Volt+ 750	Eco Volt+ 850	Eco Volt+ 1050	Eco Volt+ 1550	Eco Volt+ 1650						
CAPACITY & DC VOLTAGE	300VA/12V	650VA/12V	700VA/12V	900VA/12V	1400VA/12V	1500VA/24V						
INPUT VOLTAGE RANGE	90-290V	85-290V	85-290V	85-290V	85-290V	85-290V						
MAX. BULB LOAD	250 Watt	546 Watt	588 Watt	756 Watt	1176 Watt	1260 Watt						
MAXIMUM CHARGING CURRENT	8A	14A	14A	17A	17A	17A						
NET WEIGHT (KG.)	ŝŝ	8.2	8.4	9.8	13.5	13.5						
DIMENSION LXWXH (CM)	23.2x12.3x9.6	29.2x27.5x12	29.2x27.5x12	29.2x27.5x12	30.5x27.5x13	30.5x27.5x13						
PROTECTION	PROTECTION Overload, Short Circuit, Reverse Polarity, Low Battery, Over Temperature [#] & MCB Protection*											

[#]Except Eco Volt+ 650, *Only Eco Volt+ 1650

GREAT PERFORMANCE WITH LOW ENERGY CONSUMPTION

The Eco Watt series is the No.1 selling Home 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.

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					
INPUT VOLTAGE RANGE	90-290V	85-285V	100-290V	100-290V	100-290V	100-290V	100-290V					
MAX. BULB LOAD	250 Watt	504 Watt	588 Watt	672 Watt	725 Watt	756 Watt	1260 Watt					
MAXIMUM CHARGING CURRENT	8A	13A	14A	14A	17A	17A	17A					
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					
PROTECTION	PROTECTION Overload, Short-circuit, Low Battery, Reverse Polarity, Overtemperature** & MCB Protection#											

*Only Eco Watt+ 350. **Except Eco Watt+ 350/650. #Eco Watt+ 1650 only.

BE CHARGED FOR EVERY MOMENT

India's most trusted Home 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

key features

- Smart charge technology that can charge the battery faster than normal long back-up Home 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



MODEL	Shakti Charge+ 1150	Shakti Charge+ 1450	Shakti Charge+ 1700
CAPACITY & DC VOLTAGE	900VA / 12V	1100VA / 12V	1500VA / 24V
INPUT VOLTAGE RANGE	90-290V	90-290V	90-290V
MAX. BULB LOAD	756 Watt	924 Watt	1260 Watt
MAXIMUM CHARGING CURRENT	16A	20A	20A
NET WEIGHT (KG.)	10.8	12.3	17.50
DIMENSION LXWXH (CM)	40.2x32x13.2	40.2x32x13.2	40x32x15
PROTECTION	Overload, Short-circuit, Battery	Deep Discharge, Low Battery, Overc	harge & Battery Reverse Polarity

RUN HEAVY LOADS ON A SINGLE BATTERY AND RECHARGE IT FASTER

Eco Watt+ Rapid is specially designed to charge the Battery rapidly and cater to the needs of areas with frequent power cuts but for shorter durations. It offers higher load handling that too on a Single Battery, thereby saving your space and money.

key features

DIMENSION LXWXH (CM)

PROTECTION

- Single battery based Home UPS that is capable of running heavy power loads such as steam iron, heater, immersion rod, rice cooker etc*
- Twin output sockets for regular load as well as power load with intelligent output load optimization feature*
- 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



40.2x32x13.2

40.2x32x15

Overload, Short-circuit, Battery Deep Discharge, Low Battery, Overcharge & Battery Reverse Polarity

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LUMINOUS

NOW RUN ANYTHING, ANY TIME



NO NOISE POWER-PACKED PERFORMANCE, EVERYDAY

Luminous PowerX is a pure sine wave Home UPS in high capacity range. The low harmonic distortion makes this Home UPS practically noiseless and the pure sine wave output makes it highly efficient and helps save on electricity bills. It has features such as load and battery level display in percentage, MCB protection, seven segment digital display and fastercharging ability, making it a preferred Home UPS model for high power requirements.

key features

- Zip charge technology ensures faster battery charging than normal Home UPS
- World class MCB ensures your Home UPS and connected loads stay protected from short circuits
- Battery charging commences even at input voltage as low as 100V AC
- Intelligent thermal management system keeps your system cool and shuts down the system during over temperature condition
- The powerful UPS can run heavy loads like Steam Iron, Immersion Rod, Printer, Mixer Grinder, Toaster, Heater, Geyser, Photocopiers, Scanners, etc.
- O Supports a wide range of batteries, i.e. Flat Plate, Tubular & VRLA (SMF) with 3-step charging current



MODEL	PowerX 2250
CAPACITY & DC VOLTAGE	2000VA / 24V
INPUT VOLTAGE RANGE	100-285V
MAX. BULB LOAD	1680 Watt
MAXIMUM CHARGING CURRENT	17A
NET WEIGHT (KG.)	20.6
DIMENSION LXWXH (CM)	40x33x16.5
PROTECTION	Low Battery, Reverse Polarity, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature & MCB

GET POWER-PACKED PERFORMANCE, EVERYDAY

Luminous Pro UPS is high capacity Home 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 Home UPS model.

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.



MODEL	Pro UPS 2250
CAPACITY & DC VOLTAGE	2000VA / 24V
INPUT VOLTAGE RANGE	90-290V
MAX. BULB LOAD	1680 Watt
MAXIMUM CHARGING CURRENT	20A
NET WEIGHT (KG.)	19.3
DIMENSION LXWXH (CM)	40x33.8x15
PROTECTION	Low Battery, Reverse Polarity, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature & MCB

INDIA'S CHOICE FOR INVERTERS THAT #RUNEVERYTHING

Home and commercial establishments have higher power needs. Frequent power-cuts can hamper the overall performance of the appliances. Luminous High KVA UPS offers high quality and reliable power back-up solution for running office and sensitive equipments. The low harmonic distortion makes this inverter practically noiseless and the pure sine wave output makes it highly efficient and helps save on electricity bills.

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
- The powerful UPS can run heavy loads like AC, Washing Machine, Microwave, Deep Freezer, Petrol Pump, Clinics, Cyber Cafes, Showrooms, Geyser, Photocopiers, etc.*

🔨 Cruze 🕂



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		
INPUT VOLTAGE RANGE	100-285V	100-285V	100-285V	100-285V	140-285V	140-280V	140-280V	140-280V	140-280V		
MAX. BULB LOAD	1680 Watt	2100 Watt	2940 Watt	3360 Watt	4368 Watt	4620 Watt	5040 Watt	6300 Watt	8400 Watt		
MAXIMUM CHARGING CURRENT	21A	21A	21A	21A	21A	12A	12A	12A	12A		
NET WEIGHT (KG.)	22.3	23.0	31.9	31.9	44.5	59.2	63.2	64.0	91.9		
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		
PROTECTION	ROTECTION Low Battery, Reverse Polarity, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature & MCB										

*Applications vary for each model

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.

key features

- Pure sine wave output with DSP controlled, IGBT based system
- Designed for heavy duty industrial/business/domestic and Lift application*
- Output THD<7% on non linear loads
- Capable to run unbalanced loads
- Heavy inrush current handling capability
- In-built mains phase reversal protection
- Intelligent LCD Display with LED indications





MODEL	PRO 10.2KVA	PRO 15KVA PRO 15KVA		PRO 20KVA LIFT PRO 10.2KVA		LIFT PRO 15KVA	LIFT PRO 20KVA			
NOMINAL BATTERY VOLTAGE	180V DC	240V DC	360V DC	360V DC	180V DC	180V DC	240V DC			
NOMINAL INPUT VOLTAGE	415V, 3Phase+Neutral									
CHARGING CURRENT		10A / 15A / 20	DA (Selectable)		5A / 7A / 15A (Selectable)					
NET WEIGHT (KG.)	89.6	125	130	145	82	89.6	125			
DIMENSION LXWXH (CM)	55x32x64	70x40x80	70x40x80	70x40x80	55x32x64	55x32x64	70x40x80			
PROTECTION Reverse Battery, Input Phase Reversal, Low Voltage, Over Voltage, Overload, Short Circuit, High Temperature & Current Sensor Fail										

SMART UPS FOR HEAVY DUTY REQUIREMENT. UNMATCHABLE PERFORMANCE

iCruze is the heavy duty #SuperInverter, the world of inverters had been waiting for. It is super because it literally runs everything and because of its Super Design and Super Technology. It offers unmatchable performance and is ideal for Residences, Offices and Commercial spaces.

key features

- Compact design with improved efficiency and load handling
- In-built TDR for running appliances with high inrush current
- User friendly LCD display and control buttons
- Battery on Automatic Soft Start (*except iCruze 5KVA)
- Intelligent Battery Charging algorithm optimizes the charging current according to the Battery capacity
- Easily Bypass the device the in case of device fault and allow mains to be available without any wiring changes

✓iCruze





MODEL	iCruze 5KVA	iCruze 7.5KVA	iCruze 10KVA							
CAPACITY & DC VOLTAGE	5000VA / 48V	7500VA / 120V	10000VA / 180V							
INPUT VOLTAGE RANGE	110-280V	140-280V	140-280V							
MAX. BULB LOAD	4000 Watt	6000 Watt	8000 Watt							
MAXIMUM CHARGING CURRENT	20A	20A	20A							
NET WEIGHT (KG.)	51.0	71.6	77.1							
DIMENSION LXWXH (CM)	47.1x30x56	47.1x30x56	47.1x30x56							
PROTECTION	Overload, Low Battery, Short Circuit, Over Temperature, Wrong Wiring & MCB									

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LONG LASTING BATTERIES IN THE INDUSTRY



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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.

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.





TUBULAR BATTERY







	Nominal	Rated	Dimen	isions of Co	ontainer	Electrolyte		Charging Current (Amp)			Weigh	Water	
Model	Model Voltage Capacity @ 27°C Length	Width	Width Height	Volume		Mode	Trickle	Mode	Dry	Filled	Level Indicator		
	(♥)	(Ah)	±3 mm ±3 mm ±3 mm		Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)		
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

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.

key features

- Tubular technology with higher acid volume per ampere hour capacity
- HADI spine casting for long service life
- Minimum maintenance, Rugged battery for tough conditions.
- Most suitable for deep cycle applications
- Long service life



Life-Max



Nomina		Rated		isions of Co	ontainer	Electrolyte	(Charging Cu	urrent (Amp)	Weigh	nt (Kg.)	Water
Model	Voltage	Capacity @ 27°C	Lenath	Width	Height	Volume		Mode	Trickle	Mode	Dry	Filled	Level Indicator
	(V)	(Ah)	±3 mm				Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)		
LM 18075	12	150	502	191	440	20.60	18.1	9.1	151.0	605.0	34.4	60.0	6

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.

key features

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- 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





	Nominal Rated		Dimen	Dimensions of Container			(Charging Cu	rrent (Amp)	Weigh	ıt (Kg.)	Water
Model	Voltage @ 27°C Length Widt	Width	Height	Electrolyte Volume	Boost	Mode	Trickle Mode		Dry	Filled	Level Indicator		
	(♥)	(Ah)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
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 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

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.

key features

- Extremely high purity, corrosion-resistant proprietary, and spine alloycomposition 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



	Nominal		Rated Dimensions of Container				(Charging Cu	rrent (Amp))	Weigh	it (Kg.)	Water
Model	Voltage (V)	Capacity @ 27°C (Ah)	Length ±3 mm	Width ±3 mm	Height ±3 mm	Electrolyte Volume ±5% Ltr	Boost Starting Current	Mode Finishing Current	Trickle Min (mA)	Mode Max (mA)	Dry ±5% kg	Filled ±5% kg	Level Indicator (No.)
ILST 8036	12	60	412	173	267	7.70	6.00	3.00	50.0	202.0	12.1	21.6	6
ILST 10036	12	80	410	174	305	8.70	8.10	4.00	67.0	269.0	15.3	26.1	6
ILST 12042	12	100	505	220	308	15.20	10.10	5.00	84.0	336.0	20.7	39.5	6
ILTJ 18148	12	150	518	272	307	18.20	15.10	7.60	126.0	504.0	28.9	51.5	6

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.

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



Nominal Rated			Dimensions of Container			Electrolyte	(Charging Cu	rrent (Amp	Weigh	Water		
Model	Voltage	Capacity @ 27°C	Length	Width	Height	Volume	Boost Mode		Trickle Mode		Dry	Filled	Level Indicator
	(V)	(Ah)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
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

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.

key features

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



	Nominal Rated		Dimensions of Container			Electrolyte	Charging Current (Amp)				Weigh	ıt (Kg.)	Water
Model	Voltage	Capacity @ 27°C	Length	Width	Height	Volume	Boost	Mode	Trickle	Mode	Dry	Filled	Level Indicator
	(♥)	(Ah)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
EC 18036	12	150	502	191	440	20.20	15.10	7.60	126	504.0	29.7	54.7	6

POWER THAT LASTS LONG AND GOES ON AND ON

Eco 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.

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.



ECO CHARGE



TECHNICAL SPECIFICATIONS

	Nominal	Rated				Electrolyte	(Charging Cu	rrent (Amp	Weigh	Water		
Model	Voltage Capacity	Length	Width	Height	Volume	Boost Mode		Trickle Mode		Dry	Filled	Level Indicator	
	(♥)	(Ah)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
EC0 15000	12	120	502	191	377	17.50	12.10	6.0	101	403	22.6	44.3	6
EC0 16000	12	135	502	191	377	18.00	13.60	6.8	113	454	27.4	50.0	6
EC0 18000	12	150	502	191	377	18.20	15.10	7.6	126	504	28.6	51.2	6

*Conditions apply

EXCELLENCE CAN GO A LONG WAY

Luminous Inverlast XL 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.

key features

- Tubular technology with higher acid volume per ampere hour capacity
- HADI spine casting for long service life
- Minimum maintenance, Rugged battery for tough conditions.
- Most suitable for deep cycle applications
- Long service life



*Conditions apply

Inverlast XL



Nominal		Rated	Dimensions of Container			Electrolyte	(Charging Cu	rrent (Amp)	Weigh	Water	
Model	Voltage	Capacity @ 27°C	Length	Width	Height	Volume ±5% Ltr	Boost	Mode			Dry	Filled	Level Indicator
	(V)	(Ah)	±3 mm	±3 mm	±3 mm	23% Lir	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
XL 18060	12	150	502	191	440	22.40	15.1	7.6	126.0	504.0	31.3	58.5	6
XL 18066	12	150	502	191	440	21.00	15.1	7.6	126.0	504.0	37.0	61.0	6
XL 26060	12	220	502	191	440	21.90	22.2	11.1	185.0	739.0	45.1	71.5	6

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



Nomina		Rated					(Charging Cu	vrrent (Amp	»)	Weigh	nt (Kg.)	Water
Model	Voltage	Capacity @ 27°C	Length	Width	Height	Electrolyte Volume	Boost	Mode	Trickle	Mode	Dry	Filled	Level Indicator
	(♥)	(Ah)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current	Finishing Current	Min (mA)	Max (mA)	±5% kg	±5% kg	(No.)
PC 18042TJ	12	150	518	272	307	18.50	15.10	7.60	126	504.0	27.3	49.6	6
PC 18042	12	150	502	191	440	20.20	15.10	7.60	126	504.0	29.3	54.4	6
RC 15000	12	120	505	220	308	14.00	12.10	6.00	101.0	403.0	21.0	38.4	6
RC 16000	12	135	505	220	308	14.00	13.60	6.80	113.0	454.0	24.2	40.9	6
RC 18000ST	12	150	505	220	308	12.40	15.10	7.60	126.0	504.0	26.9	42.3	6
RC 18000	12	150	502	191	440	20.00	15.10	7.60	126.0	504.0	28.5	53.3	6
RC 25000	12	200	502	191	440	19.90	20.20	10.10	168.0	672.0	34.3	59.0	6

ONCE FIT FORGET IT

Unlike distilled water battery, InverGel is filled with Gel. It requires no water top up and is completely spillage proof. Gel guarantees up to 20% more power, long life and more consistent backup than distilled water battery. It is environment friendly and safer as it emits no fumes and is absolutely maintenance free.

key features

- Consistent backup over life
- Fill the with gel for zero maintenanace and long life
- Enivironment friendly and safer as it emits no fumes and absolutely maintenanace free



TECHNICAL SPECIFICATIONS

	Nominal	Dimen	sions of Co	ontainer	Electrolyte	(Charging Cu	rrent (Amp)	Weigh	ıt (Kg.)	
Model	Voltage		Width	Height	Volume	Boost	Mode	Trickle	Mode	Dry	Filled	
	(♥)	±3 mm	±3 mm	±3 mm	±5% Ltr	Starting Current			Max (mA)	±5% kg	±5% kg	
IGSTJ 18000	12	518	274	286	9.5	18.10	9.10	151	605	33	50	

Conditions apply

TOUGHX ACCESSORIES



Trolley I Stabilizers

NOW YOUR APPLIANCES WON'T HAVE A TOUGH TIME

ToughX Automatic Voltage Stabilizers come from Luminous, the most trusted brand in power back-up solutions. ToughX Stabilizers are loaded with most advanced technology and are designed to give your loved appliances the protection they need from fluctuating voltages and surges.

AC Stabilizers: A sensitive appliance like an Air Conditioner requires only the best stabilizer in the market! The ToughX Stabilizer regulates the voltage output perfectly to ensure a safe functioning of Air Conditioner.

key features

- Microprocessor based system
- High Efficiency Transformer for less heating
- 7-Segment Digital Display with various indications*
- Wall Mountable

DIMENSION LXWXH (CM)

DISPLAY INDICATIONS

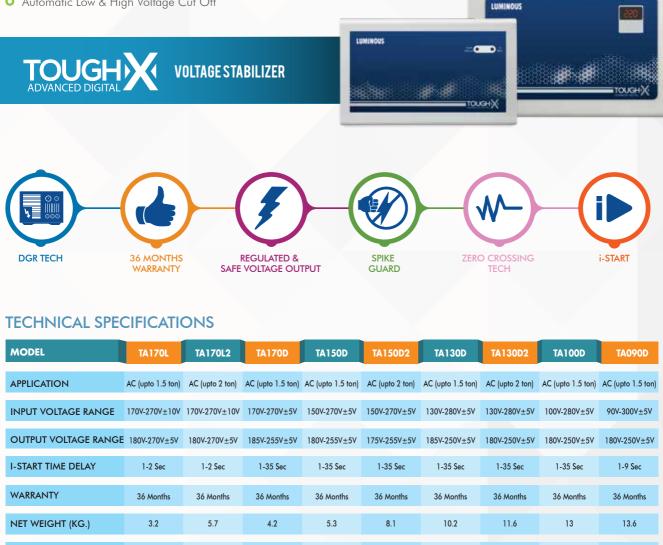
21.6x8x15

Red LED for Cut-off & White LED for ON Mains

27.1x9.5x16.5

27.1x9.5x16.5

Automatic Low & High Voltage Cut Off



27.1x9.5x16.5

30.5x12.5x23

Input Voltage, Output Voltage, High/Low Voltage Cut-off, Thermal Cut-Off#

30.5x12.5x23

30.5x12.5x23

30.5x14.9x23

35x24.5x11.8

NOW YOUR APPLIANCES WON'T HAVE A TOUGH TIME

ToughX Automatic Voltage Stabilizers come from Luminous, the most trusted brand in power back-up solutions. ToughX Stabilizers are loaded with most advanced technology and are designed to give your loved appliances the protection they need from fluctuating voltages and surges.

Refrigerator Stabilizers: Keep your food and refrigerator protected with the ToughX Refrigerator Stabilizer! It even has wide input voltage range to ensure safe functioning.

Television Stabilizers: Your movie time deserves to go undisturbed! Make sure your television stays protected through voltage surges with the ToughX Television Stabilizer!

Mainline Stabilizers: Using your lights, fans or any electrical appliance consistently on low voltage will reduce their performance and life. Mainline Stabilizers are designed for these situations and protect your complete home from persistent low voltage supply.

key features

NET WEIGHT (KG.)

DIMENSION LXWXH (CM)

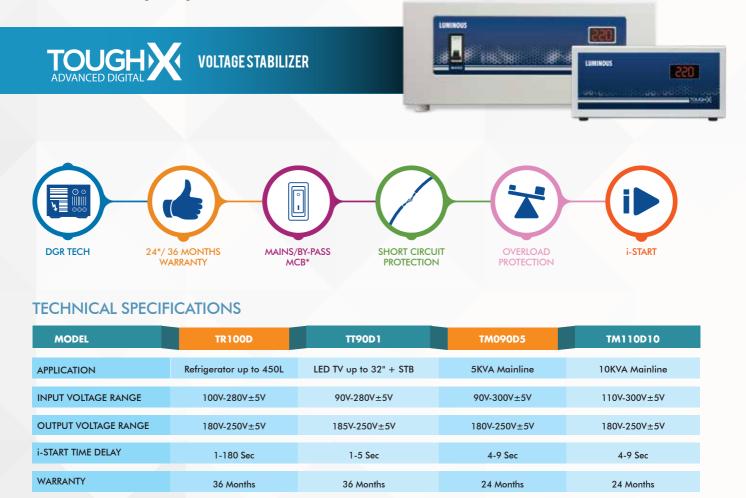
DISPLAY INDICATIONS

• Microprocessor based system with high efficiency Transformer for less heating

3.0

20.51x19.2x10

- 7-Segment Digital Display with various indications
- Mains/By-Pass MCB for protection*
- Automatic Low & High Voltage Cut Off



32

20.51x19.2x10

Input Voltage, Output Voltage, High/Low Voltage Cut-off

19.4

35.5x31.8x15.4

Input Voltage, Output Voltage, Output Load, High/ Low Voltage Cut-off, Thermal Cut-off, Overload Trip

31.8

43x39.3x17.7

POWERFUL INSIDE BEAUTIFUL OUTSIDE

Luminous ToughX 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.

key features

- High durability
- Easy to asemable
- Superior design
- Shock proof
- No dangling wires



MODEL	TX100L	TX200L	TX1005
CAPACITY	For 1 Tall Tubular Battery	For 2 Tubular Battery	For 1 Flat Plate Battery
NET WEIGHT (KG.)	3.4	4.5	4.0

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