

LUMINOUS



Widest Range of
POWER BACK UP SOLUTION

INVERTER | BATTERY

International Business | Export Portfolio

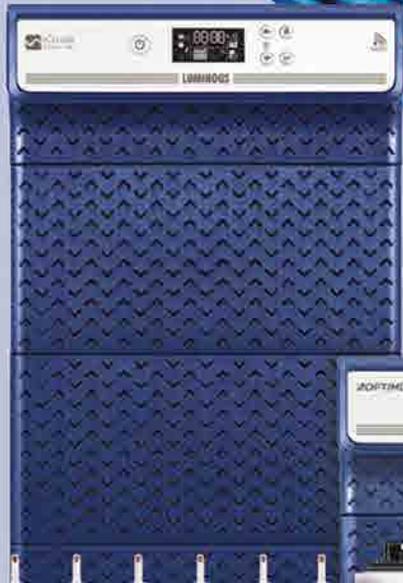


AT A GLANCE

Luminous Power Technologies Pvt. Ltd. is one of the leading Indian electrical company, having extensive interests in delivering reliable power back-up solutions. Since its inception in 1988 with a very small base, this company has grown and become one of the largest power back-up groups with strong footprints more than 40 countries in Indian Sub Continent, Middle East, Africa & South East Asia. Luminous is offering uninterruptible and alternate power solutions to the customers that make their life comfortable and efficient.

Luminous has been awarded with Superbrands status every year since 2011-2012.

Luminous is thoroughly committed to provide access to energy for all people on this earth through innovative a customize power solutions.





LUMINOUS

WITH
PRESENCE IN OVER
40 COUNTRIES,
WE BRING SMILES TO OVER
11 MILLION FAMILIES

WIDEST RANGE OF POWER

HOME



Icon



Optimus



Zelio

HKVA



Power X



iCruze



Cruze 3P-3P

ENERGY



NRGT Signature



Inverlast



Volt Charge

BACK-UP SOLUTION

UPS



Eco Volt Neo

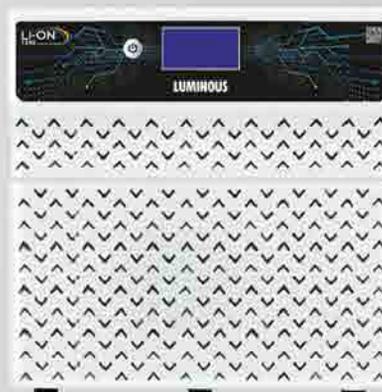


Eco Watt Neo



Rapid Charge XL

LITHIUM



Lithiumverter

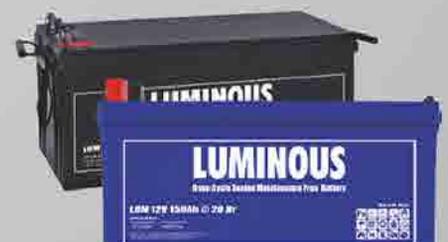
STORAGE



Gel Pro



InverGel



VRLA/ SMF



LUMINOUS

**EFFICIENT & RELIABLE
POWER BACK-UP SOLUTION
FOR A HAPPY HOME**



LKVA
Home UPS

THE NEXT GENERATION BENEFITS

An Integrated Inverter battery design with an elegant, dedicated battery enclosure providing modern outlook for your house. ICON is the next generation of revolutionary design for hassle free Battery water top-up and simplified inverter indications with three large, twin colour LED lights representing normal (green) and user attention (red) conditions. It charges the battery with full current, even at 90V. No open wires as battery is encapsulated in the Inverter is making completely safe.



Icon

KEY FEATURES

- Pure Sine wave Inverter.
- Hassle free battery water top up.
- Fast Charge Technology- Charges the battery with full current even at 90V.
- Revolutionary design comprising of dedicated enclosure for battery.
- Safe design as it has no open wire.
- Smart LED indications



PURE SINE WAVE TECHNOLOGY



SUPER FAST BATTERY CHARGING



EASY WATER TOP UP



SUPPORTS TALL TUBULAR BATTERIES



NO OPEN WIRES ARE SAFE FOR CHILDREN

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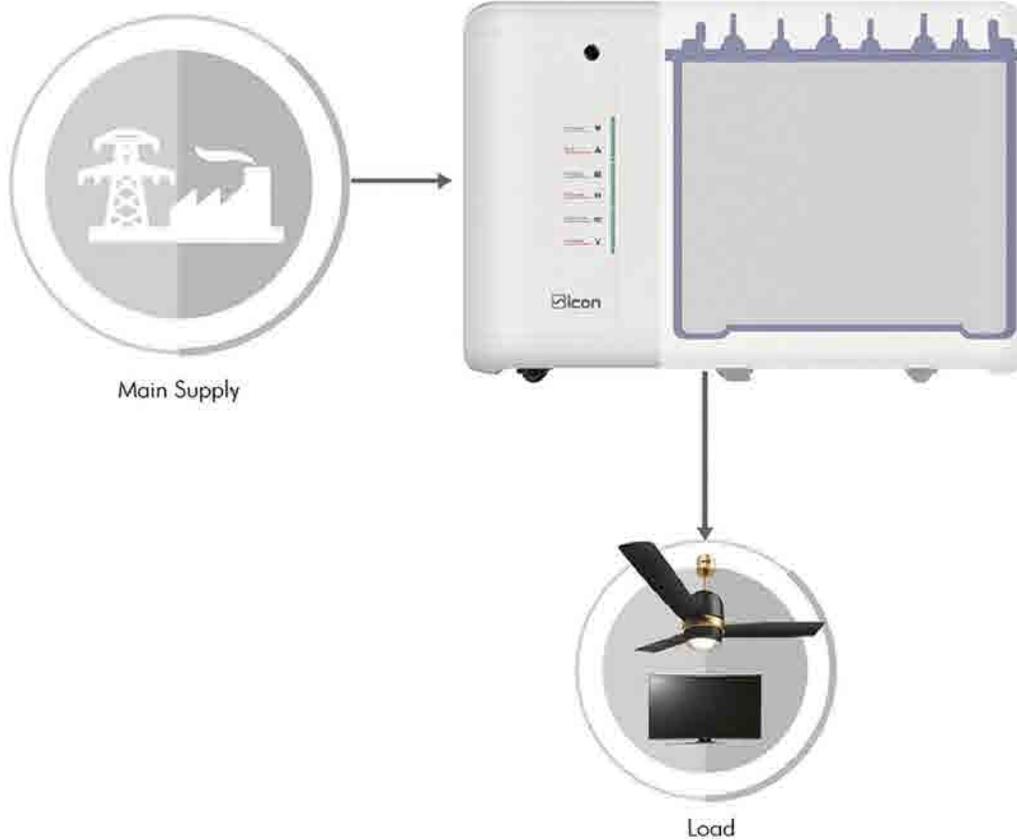
[youtube/c/LuminousGlobal](https://www.youtube.com/channel/LuminousGlobal)

Technical Specification

Model	ICON1100	ICON1600
Capacity & DC Voltage	900VA/12V	1400VA/12V
Input	230V AC	
Output	Max. Bulb Load*	720 Watt
Battery	Max. Charging Current	17A
Physical	Net Weight (Kg.)	13.0
	Dimension LxWxH (cm)	76.5X24.6X50.5
Protection	Overload, Deep Discharge, Short-circuit, Over temperature and MCB	

*At optimum battery voltage

Schematic Representation



YOUR FRIENDLY INVERTER - FLEXIBLE, RELIABLE & HASSLE FREE!

Introducing a friendly inverter for your home! Optimus offers solutions to suit any battery type, a LCD screen for power backup duration information, and a Turbo Mode feature for more power to run all domestic loads for a hassle free operation.



Optimus

KEY FEATURES

- A bypass switch ensure that power continuity is maintained in the event of a failure of Inverter. This will give time to get the issue resolved without interrupting the power supply at home.
- Can select the charging current as per the battery/Increase the charging current for fast charging.
- Back time display in Hours & Minute.
- The user can select the out put volt age manually or as per the appliance.



PURE SINE
WAVE OUTPUT



MCB
PROTECTION



HIGH CHARGING CURRENT
EVEN AT 140 VOLTS.



HIGH CHARGING



3 MODES
BATTERY CHARGER

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Product Video



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Technical Specification

Model	Optimus1100	Optimus1600	Optimus2000	Optimus2800
Capacity & DC Voltage	1100VA/12V	1600VA/24V	2000VA/24V	2500VA/24V
Input	Rated Voltage 230V AC			
Output	Max. Bulb Load* 880 Watt, 1280 Watt, 1600 Watt, 2000 Watt			
Battery	Max. Charging Current 18A, 18A, 21A, 21A			
Physical	Net Weight (Kg.) 11.4, 13.4, 21.0, 22.5			
	Dimension LxWxH (cm) 30.0x27.5x13.9, 30.0x28.5x13.9, 30.0x32.6x28.4, 30.0x32.6x28.4			
Protection	Overload, Deep Discharge, Short-circuit, Over temperature and MCB			

*At optimum battery voltage, **MCB is available only on 1600VA & 2.5KVA

Schematic Representation



WHEN CONTROL MATTERS THE MOST

Luminous Zelio UPS is one of the most intelligent UPS, with features such as power backup time display, hassle-free battery maintenance, MCB protection, and a bypass switch that keeps supplying output from the grid even in case of UPS fault.



Zelio

KEY FEATURES

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



PURE SINE
WAVE OUTPUT



PROTECTION
THROUGH MCB



NOISELESS
OPERATION



INTUITIVE & EASY
TO USE INTERFACE



AN INTELLIGENT
UPS

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Product Video



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Technical Specification

Model	Zelio 900	Zelio 1500
Capacity & DC Voltage	900VA/12V	1500VA/24V
Input	Rated Voltage 230V AC	
Output	Max. Bulb Load* 720 Watt / 1200 Watt	
Battery	Max. Charging Current 15A / 17A	
Physical	Net Weight (Kg.) 10.0 / 14.3	
	Dimension LxWxH (cm) 27.5x24.8x12.0 / 31.0x29.0x13.5	
Protection	Overload, Deep Discharge, Short-circuit & MCB Protection	

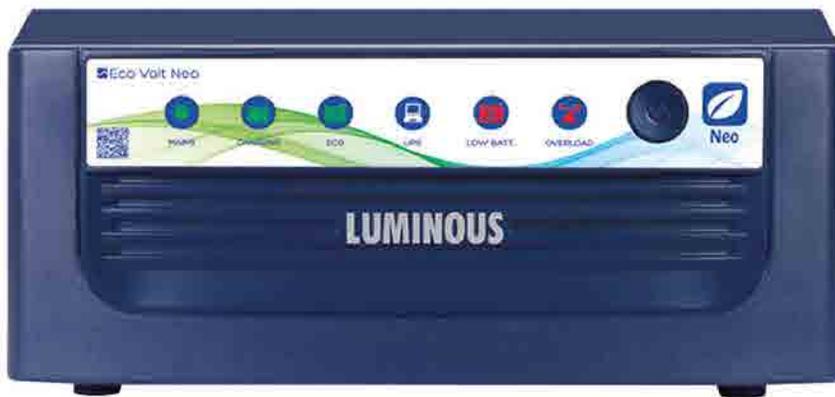
*At optimum battery voltage

Schematic Representation



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 Neo | NEO CHARGING

KEY FEATURES

- Rugged technology designed for high performance and extended backup times, particularly in areas with high power outages.
- 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
- Steady Battery charging even at Low Voltage (Upto 90V)



PURE SINE WAVE OUTPUT



CHARGING AT LOW VOLTAGE



ABCC TECHNOLOGY



OVERLOAD PROTECTION WITH AUTO RESET



HIGH EFFICIENCY

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Technical Specification

Model		Eco Volt Neo			
Capacity & DC Voltage		700VA/12V	900VA/12V	1400VA/12V	1500VA/24V
Input	Rated Voltage	230V AC	230V AC	230V AC	230V AC
Output	Max. Bulb Load*	560 Watt	720 Watt	1120 Watt	1200 Watt
Battery	Max. Charging Current	14A	17A	17A	17A
Physical	Net Weight (Kg.)	7.4	9.5	13.5	13.5
	Dimension LxWxH (cm)	27.5x26.2x12.0	27.5x26.2x12.0	30.5x27.5x13.0	30.5x27.5x13.0
Protection		Overload, Deep Discharge, Short-circuit, Over temperature and MCB			

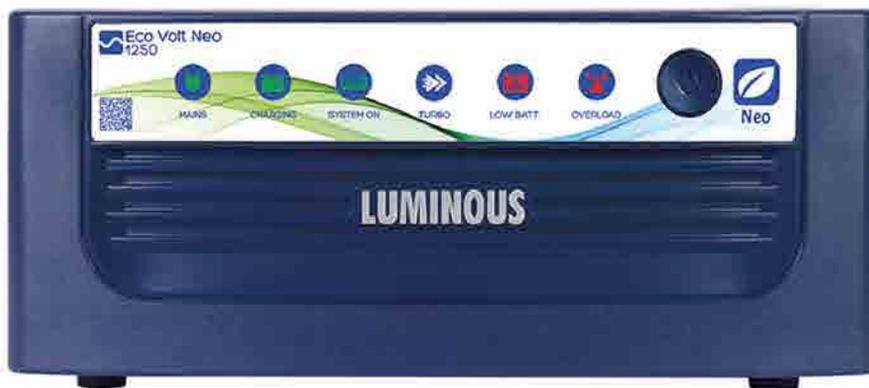
*At optimum battery voltage

Schematic Representation



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 Neo | FASTER CHARGING

KEY FEATURES

- Turbo mode boosts the voltage load as required by certain appliances to run smoothly
- Rugged technology is intended for high performance and extended backup times, particularly in high-power cut areas.
- 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
- Higher charging even at Low Voltage (Upto 90V)



PURE SINE WAVE OUTPUT



FAST CHARGING



ABCC TECHNOLOGY



OVERLOAD PROTECTION WITH AUTO RESET



TURBO MODE

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Technical Specification

Model	Eco Volt Neo	Eco Volt Neo
Capacity & DC Voltage	1100 VA/12V	2KVA/24V
Input	Rated Voltage	230V AC
Output	Max. Bulb Load*	880 Watt
Battery	Max. Charging Current	25A
Physical	Net Weight (Kg.)	10.3
	Dimension LxWxH (cm)	30.5X27.5X14.0
Protection	Overload, Deep Discharge, Short-circuit, Over temperature and MCB	

*At optimum battery voltage

Schematic Representation



GREAT PERFORMANCE WITH LOW ENERGY CONSUMPTION

The Eco Watt series of Luminous is built with advanced PCB programming, a microprocessor, and a FSW transformer, making it highly efficient. Also, it consumes less power and is capable of taking a higher load.



Eco Watt Neo

KEY FEATURES

- Battery charging commences at input voltage as low as 100V 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



MODIFIED SQUARE WAVE



NEW AND ROBUST DESIGN



3 STAGE CHARGING



THREE SELECTABLE CHARGING PROFILE



RUNS FOR LONGER HOURS

Scan QR Code for Product Video



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Technical Specification

Model	Eco Watt 700	Eco Watt 900	Eco Watt 1500
Capacity & DC Voltage	700VA/12V	900VA/12V	1500VA/24V
Input	Rated Voltage 230V AC		
Output	Max. Bulb Load* 560 Watt / 720 Watt / 1200 Watt		
Battery	Max. Charging Current 14A / 17A / 17A		
Physical	Net Weight (Kg.) 7.8 / 9.3 / 14.5		
	Dimension LxWxH (cm) 27.5x26.2x12.4 / 27.5x26.2x12.4 / 27.5x30.5x13.0		
Protection	Overload, Deep Discharge, Short-circuit & MCB Protection		

*At optimum battery voltage

Schematic Representation



HEAVY LOAD ISN'T A BURDEN ANYMORE

Luminous Rapid charge inverter is specially designed to cater to the needs of areas where there are frequent power cuts and that too for long durations. It offers a high KVA rating on a single battery, thereby saving space & money.



Rapid Charge XL

KEY FEATURES

- Single battery based UPS that is capable of running heavy power loads such as a 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 the 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.



RUNS ON
SINGLE BATTERY



CAN RUN STEAM IRON,
HEATER, IMMERSION ROD,
RICE COOKER ETC*



USER SELECTABLE SWITCH
FOR BATTERY TYPE FOR
OPTIMUM BATTERY LIFE
AND PERFORMANCE



TWIN OUTPUT
SOCKET*



CHARGES BATTERY WITH
FULL CURRENT EVEN
AT 95VOLT

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Product Video



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Technical Specification

Model		1500VA
Capacity & DC Voltage		1500 VA/12V
Input	Rated Voltage	230V AC
Output	Max. Bulb Load*	1200 Watt
Battery	Max. Charging Current	27A
Physical	Net Weight (Kg.)	14.7
	Dimension LxWxH (cm)	40.2X32.0X15.0
Protection		Overload, Short-circuit & Battery Deep Discharge Protection

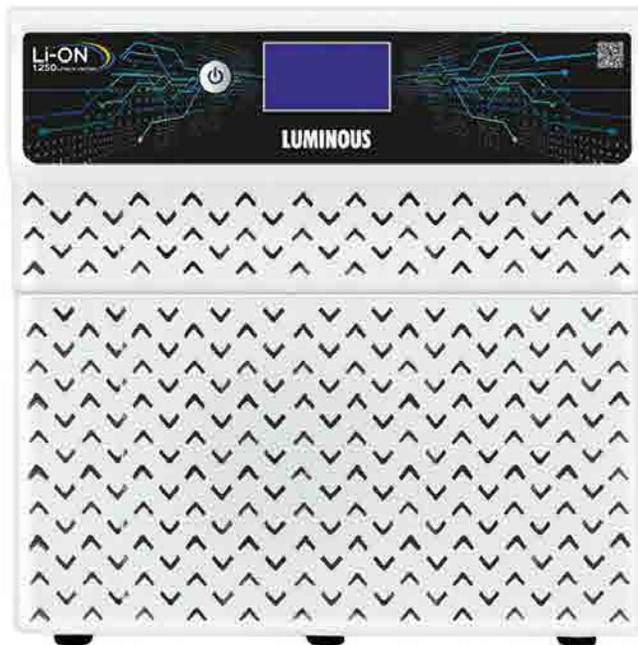
*At optimum battery voltage

Schematic Representation



SUPER TECHNOLOGY WITH BUILT-IN LI-ION BATTERY

Luminous Li-ON 1250 is a New Age Powerful Sine wave inverter with in-built Lithium ion battery making the product compact, safe, long lasting and efficient. Lithium-ion batteries offer longer life, faster battery charging, are maintenance free, and offer consistent backup throughout its life.



Lithiumverter

KEY FEATURES

- New Age technology: Sine wave Inverter with in-built Li-On battery
- 3X longer life, 3X faster charging speed, Zero maintenance, and 15% more efficient than a lead acid battery.
- Compact size: Occupies 50% less floor area than the existing inverter battery trolley solution.
- Safe: No Acid spills, No toxic fumes, No protruding wires, safe to place it inside the home
- Intelligent inverter with Advanced LCD design
- Intelligent: Inverter with Battery management system which offers superior performance and increases battery life
- LCD display shows Battery back-up time, charging time, ECO /UPS mode, fault indications and percentage load running on the inverter"



3X FASTER
CHARGING



ZERO
MAINTENANCE



CONSISTENT BACKUP
FOR ITS ENTIRE LIFE



COMPLETELY SAFE PRODUCTS- NO
FUMES, NO ACID SPILLAGE



LONGER BATTERY LIFE,
UPTO 10 YEARS



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Product Video

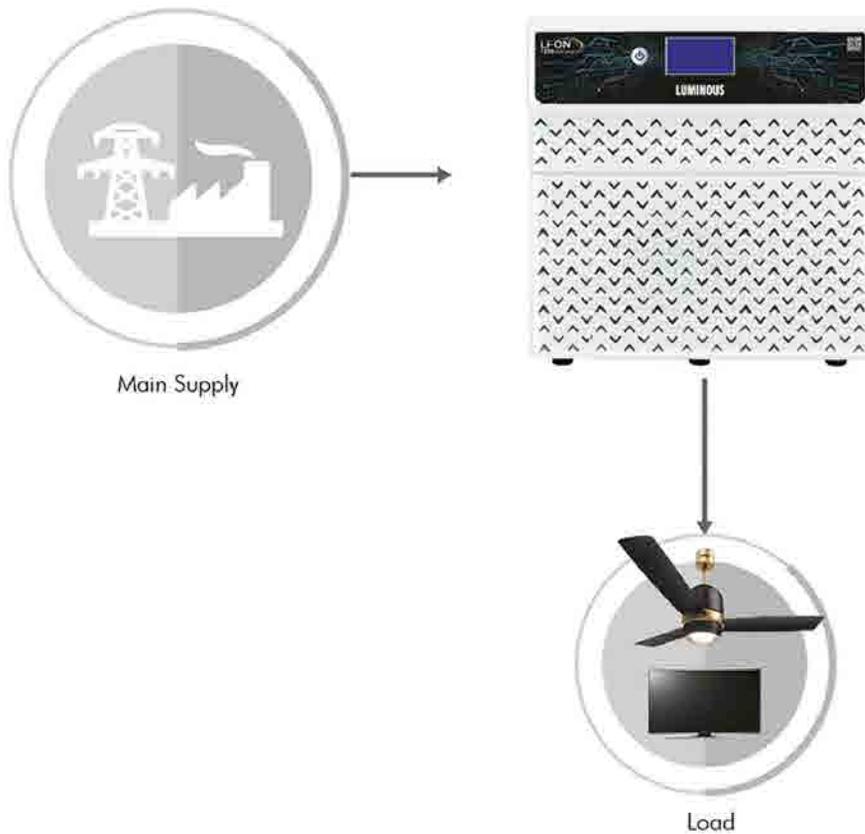
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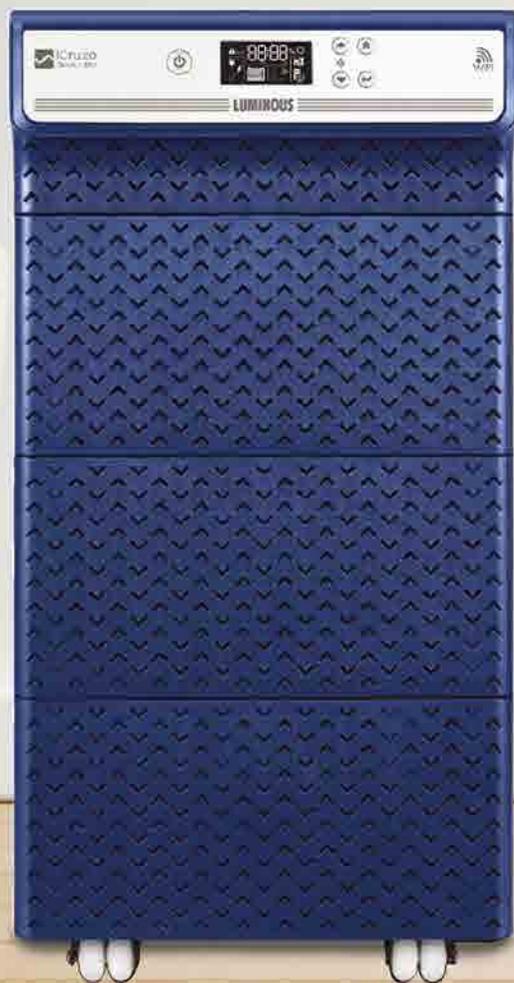
Technical Specification

Model	LITHIUMVERTER 1250	
Capacity & DC Voltage	1100VA/ 12V	
Input	Rated Voltage	230V AC
Output	Max. Bulb Load*	880 Watts
Battery	Max. Charging Current	25A
Physical	Net Weight (Kg.)	25
	Dimension LxWxH (cm)	30.0x32.6x28.4
Protection	Overload, Deep Discharge, Short-circuit, Over temperature and MCB	

*At optimum battery voltage

Schematic Representation





LUMINOUS

**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 offices and sensitive equipments.



iCruze

KEY FEATURES

- Compact design with improved efficiency
- In-built TDR handling high inrush current at output load for longer time
- User friendly display with system status icons and multi-functional control buttons with user settable parameters
- Easily bypass the device in case of device fault and allow mains to be available without any wiring changes.
- Mains MCB protection



PURE SINE WAVE OUTPUT



MCB PROTECTION



BY PASS SWITCH



LCD DISPLAY



SYNCHRONIZED CHANGEOVER

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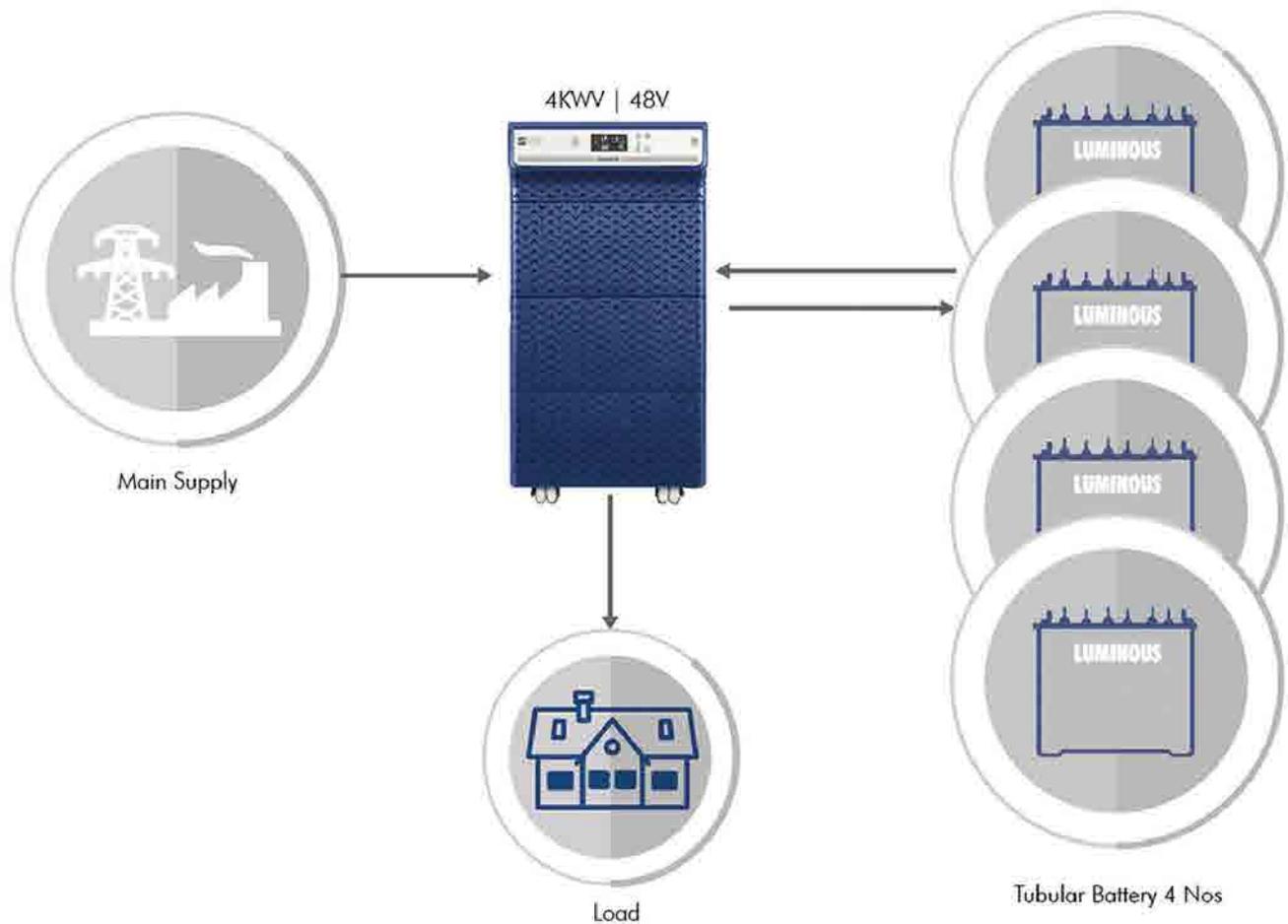
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Technical Specification

Model	4KVA	5KVA	5.5KVA	6KVA	7.5KVA	10KVA
Capacity & DC Voltage	4000VA/48V	5000VA/48V	5500VA/72V	6000VA/96V	7500VA/120V	10000VA/180V
Input	Rated Voltage 230V					
Output	Max. Bulb Load*					
Battery	Max. Charging Current					
Physical	Net Weight (Kg.)					
	Dimension LxWxH (cm)					
Protection	Overload, Short-circuit, Battery Deep Discharge Protection & MCB Protection					

*At optimum battery voltage

Schematic Representation



NON-STOP BUSINESS DURING POWER CUTS

Home & commercial establishments have 3-phase power supply for running heavy loads, lift lights, etc. Luminous 3-phase range is capable of providing backup and emergency backup for non-critical applications in commercial establishments. 3-phase backup solution of choice for wide applications in hotels, commercial offices, hospitals, shopping malls, lifts.



Cruze | 3P-3P

KEY FEATURES

- Suitable for Heavy Duty Applications
- High reliability with a low running cost
- Safety for sensitive equipments
- User Friendly LCD display
- Unbalanced load handling capability
- Inbuilt phase reversal detection
- Reverse battery protection



3-PHASE IN
3PHASE OUT



MCB
PROTECTION



PURE SINE
WAVE OUTPUT



LCD DISPLAY



SYNCHRONIZED
CHANGEOVER

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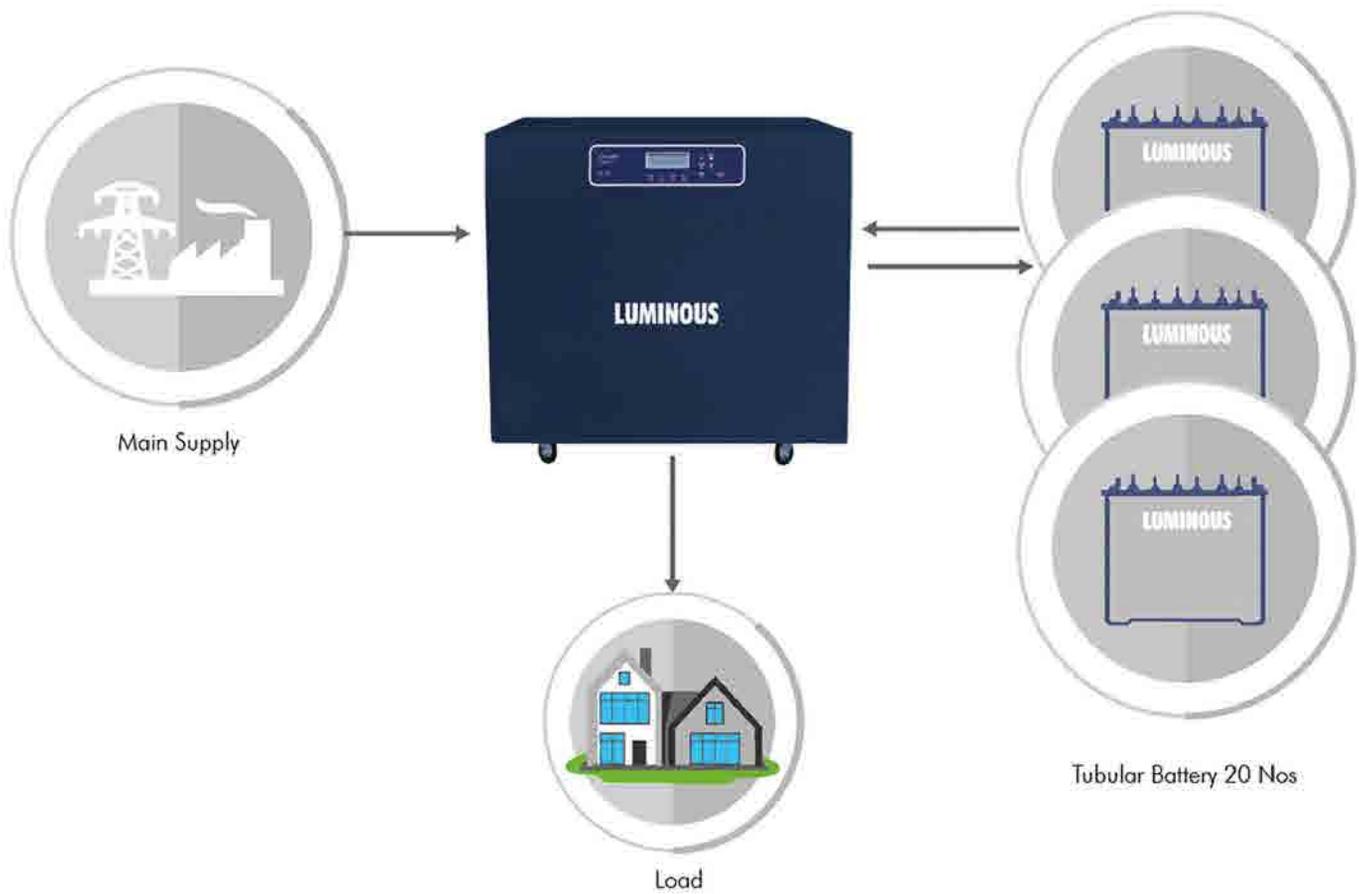


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Technical Specification

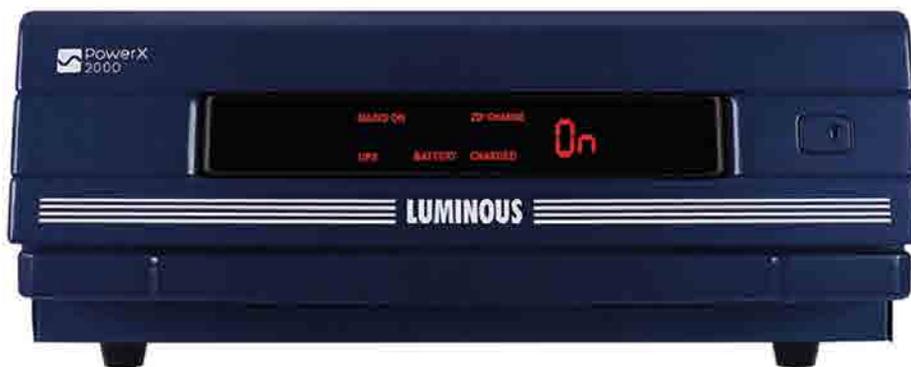
Model		Cruze 15KVA
Capacity & DC Voltage		15KVA/240V
PF		0.8
Configuration		3P + N + E (3 PHASE, 4 WIRES + Earth)
Output Voltage (Selectable)		230V/ 220V ± 2% (PHASE-NEUTRAL) 400V/380V (PHASE-PHASE)
Battery	Charging Current	10A/15A/20A
	Net Weight (Kg.)	134
Physical	Dimension LxWxH (cm)	68X43.6X82

Schematic Representation



GET POWER-PACKED PERFORMANCE, EVERYDAY

Luminous PowerX 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.



Power X

KEY FEATURES

- Rugged technology design for high performance and longer back-up time
- 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 up to 70%
- 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 during in temperature condition.



PURE SINE WAVE OUTPUT



DIGITAL DISPLAY



HIGH CHARGING CURRENT EVEN AT LOW INPUT VOLTAGE 100V



CAN RUN PRINTER/PHOTO-COPIER



3 MODES BATTERY CHARGER

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Technical Specification

Model	PowerX 2000VA	
Capacity & DC Voltage	2000 VA/24V	
Input	Rated Voltage	230V AC
Output	Max. Bulb Load*	1600 Watt
Battery	Max. Charging Current	17A
Physical	Net Weight (Kg.)	20.6
	Dimension LxWxH (cm)	40.0X33.0X16.5
Protection	Overload, Deep Discharge, Short-circuit, Over temperature and MCB	

*At optimum battery voltage

Schematic Representation



Is Your Inverter

5 Points to Check



Delivers **SAME RATING** as mentioned in the model name?



Supports inverter **BYPASS** in-case of adversity?



Extends safety features like overload protection through **MCB**?



Provides **HIGHER INVERTER EFFICIENCY** (upto 40% more) with lower power loss?



Offers **PROMPT AFTER SALES SERVICE** support?

LUMINOUS

the Best ?



Be a smart Customer and make the right choice!



LUMINOUS

LONG LASTING BATTERIES IN THE INDUSTRY



HIGH PERFORMANCE WITH RUGGED DURABILITY

The NRGT Signature battery line is the most recent innovation in rugged batteries that comes in rugged aesthetic container, making it the most premium battery from Luminous Cadre. It boasts extra safety and ultimate performance under extreme circumstances. It is designed for longer backup with quick charging and low maintenance.



NRGT Signature

KEY FEATURES

- Robust aesthetic container design for enhanced safety, with embedded terminals for better strength and electrical conductivity.
- Battery containers have been designed with a tray cavity on the lid with conical collar around the vent holes for easy top up to avoid spillage.
- Spines manufactured using a special alloy composition and HADI high pressure die casting machines to ensure defect-free casting with high corrosion resistance.
- Environment friendly and safer as it emits less fumes and easy to maintain battery.
- Made with Ultra High-Density proprietary UHD (LMax) past e for long life at high-temperature operation.



ARMOR DESIGN FOR
RUGGED CASING



EASY MAINTENANCE
WITH LEVEL INDICATORS



CONICAL COLLAR FOR
EASY TOP UP



ENVIRONMENT
FRIENDLY AND SAFE



LONG & TUBULAR
PLATES FOR MORE
BACKUP & LONGER LIFE

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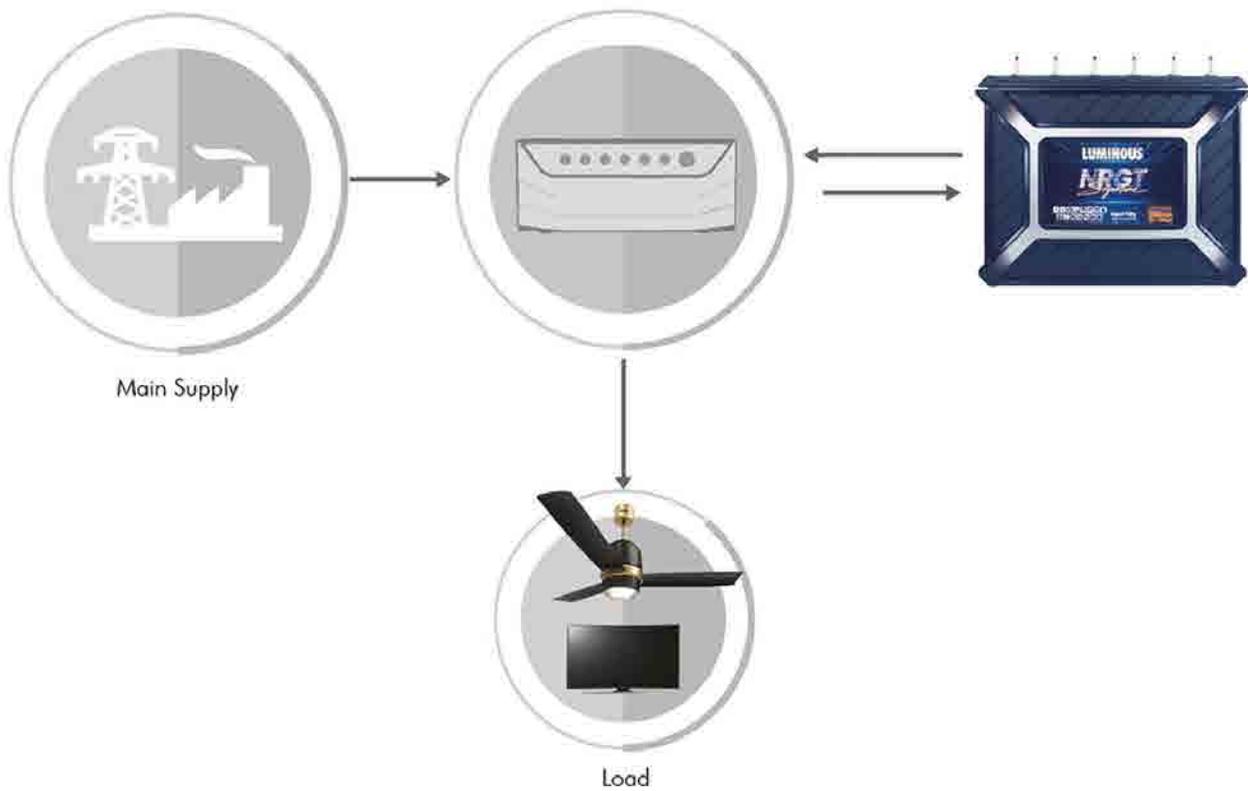
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Technical Specification

Model Name	Nominal Voltage (V)	Rated C20 Capacity at 27°C (Ah)	Dimension of Battery			Height upto Terminal (mm (±5))	Weight Net (Kg (±5%))	Electrolyte Volume (Ltrs. (±5%))	Charging Current			
			Length (mm (±3))	Width (mm (±3))	Height (mm (±3))				Boost Mode		Trickle Mode	
						Starting (Amp)	Finishing (Amp)	Min (mA)	Max (mA)			
NRGTS200	12	200	504	186	407	426	63.00	21.4	20.2	10.1	168	672
NRGTS220	12	220	504	186	407	426	67.50	21.8	22.2	11.1	185	739
NRGTS250	12	250	504	186	407	426	70.50	19.4	25.2	12.6	210	840

*Due to continual product improvement the specifications are subjected to change without any prior notice.

Schematic Representation



CONSISTENT PLAYERS ARE THE SUPERIOR PERFORMERS

Inverlast Tall tubular range of batteries are next generation tubular batteries which are designed to withstand long and frequent power cuts. These batteries deliver high performance in each cycle thus making them capable enough to deliver long cycle life. Luminous Tubular batteries can meet frequent deep discharges, ensure reliability over months, needs less maintenance, ensure minimum acid fumes



Inverlast

KEY FEATURES

- Extra Tall containers to store 30% more electrolyte to ensure less frequent water topping
- The tubular plate construction ensures that positive active material is distributed uniformly for extremely long life and superior performance.
- High performance positive plates are made with an advanced automatic wet filling process to ensure high surface area and consistent paste density throughout the plates.
- Optimally porous ceramic level indicator suppresses water loss & promote safety along with cleanliness.
- Extremely high purity and a corrosion-resistant proprietary spine alloy composition ensure longer battery service life.



FACTORY CHARGED
BATTERY IN READY TO
USE CONDITION



EASY MAINTENANCE
WITH LEVEL INDICATORS



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



RUGGED
CONTAINER



ENVIRONMENT
FRIENDLY AND SAFE

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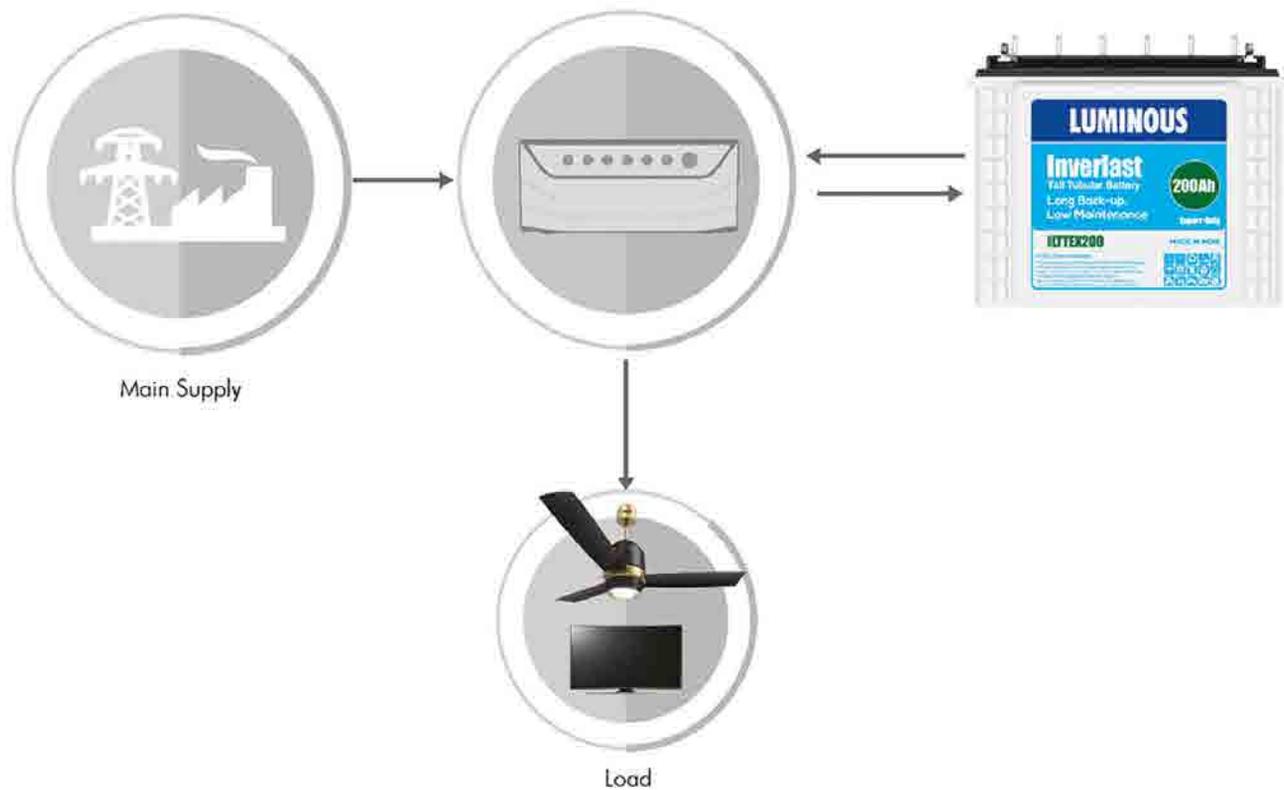


[youtube/c/LuminousGlobal](https://youtube.com/LuminousGlobal)

Technical Specification

Model Name	Nominal Voltage (V)	Rated C20 Capacity at 27°C (Ah)	Dimension of Battery			Height upto Terminal (mm (±5))	Weight Net (Kg (±5%))	Electrolyte Volume (Ltrs. (±5%))	Charging Current			
			Length (mm (±3))	Width (mm (±3))	Height (mm (±3))				Boost Mode		Trickle Mode	
						Starting (Amp)	Finishing (Amp)	Min (mA)	Max (mA)			
ILTTEX100	12	100	505	220	296	285	39.00	15.7	10.1	5.0	84	336
ILTTEX150	12	150	502	191	397	412	52.50	21.8	15.1	7.6	126	504
ILTTEX200	12	200	502	191	397	412	61.50	20.7	20.2	10.1	168	672
ILTTEX220	12	220	502	191	397	412	64.00	19.4	22.2	11.1	185	739

Schematic Representation



VALUABLE CHOICE, LOW MAINTENANCE

Luminous, tall tubular batteries promise an uninterrupted supply of power for long hours. These batteries are designed to meet frequent deep discharges and require less maintenance.



Volt Charge

KEY FEATURES

- A high grade separator ensures less electrical resistance, high oxidation resistance, high porosity, and high charging efficiency
- Tall tubular containers to store more electrolytes to ensure less frequent water topping
- HADI Spine casting for long service life
- Plates are designed for better charge acceptance
- Optimally porous ceramic level indicators suppress water loss
- Environment friendly and safer as it emits less fumes.



FACTORY CHARGED
BATTERY IN READY TO
USE CONDITION



EASY MAINTENANCE
WITH LEVEL INDICATORS



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



RUGGED
CONTAINER



ENVIRONMENT
FRIENDLY AND SAFE

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Product Video

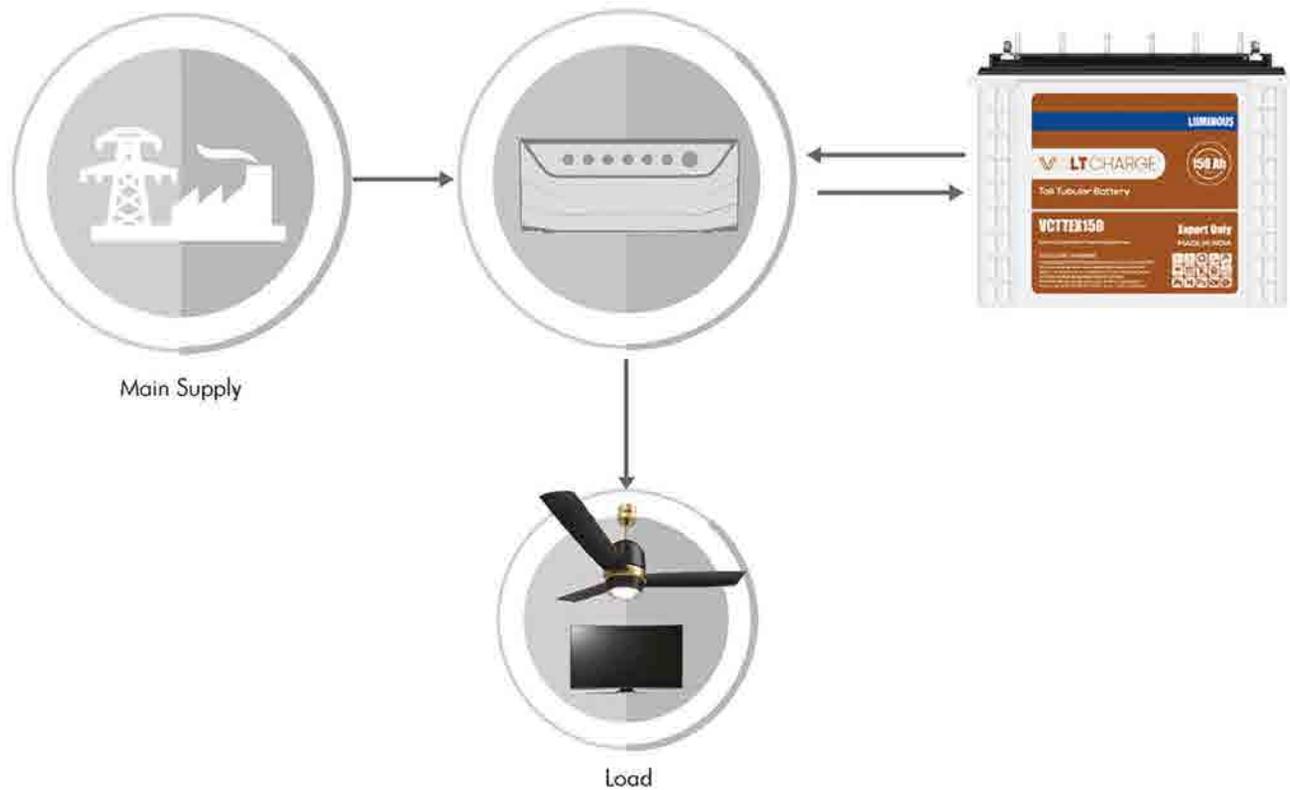


[youtube/c/LuminousGlobal](https://youtube.com/LuminousGlobal)

Technical Specification

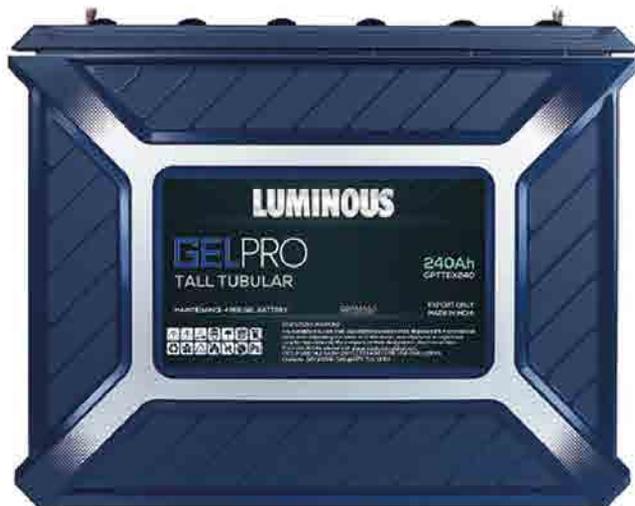
Model Name	Nominal Voltage (V)	Rated C20 Capacity at 27°C (Ah)	Dimension of Battery			Height upto Terminal (mm (±5))	Weight Net (Kg (±5%))	Electrolyte Volume (Ltrs. (±5%))	Charging Current			
			Length (mm (±3))	Width (mm (±3))	Height (mm (±3))				Boost Mode		Trickle Mode	
						Starting (Amp)	Finishing (Amp)	Min (mA)	Max (mA)			
VCTTEX150	12	150	502	191	397	412	52.00	21.8	15.1	7.6	126	504
VCTTEX200	12	200	502	191	397	412	61.00	20.7	20.2	10.1	168	672
VCTTEX220	12	220	502	191	397	412	61.00	20.7	22.2	11.1	185	739

Schematic Representation



NO TOP-UP, ALL GEL ONLY PERFORMANCE

Introducing Deep-cycle gel batteries with a number of design characteristics provide significant advantages over other competing gel products. The gelled electrolyte solution is a proprietary formulation that delivers consistent performance and extends the battery's cycle life for ultimate performance and better output.



Gel Pro

KEY FEATURES

- Gel Pro is filled with Gel. It requires no water top up and is completely spillage proof & Maintenance free
- No electrolyte stratification, no plate shedding, No failure due to PSOC, Consistent backup through-out the life, Long Life
- Robust aesthetic container design for enhanced safety, with embedded terminals for better strength and electrical conductivity.
- Explosion proof and self-releasing imported PRV regulate the internal gas pressure
- Environment friendly and safer as it emits no fumes and absolutely maintenance free.



ARMOR DESIGN FOR RUGGED CASING



MAINTENANCE FREE



ZERO SPILLAGE RISK



ADVANCE TECHNOLOGY



CONSTANT POWER LONGER LIFE

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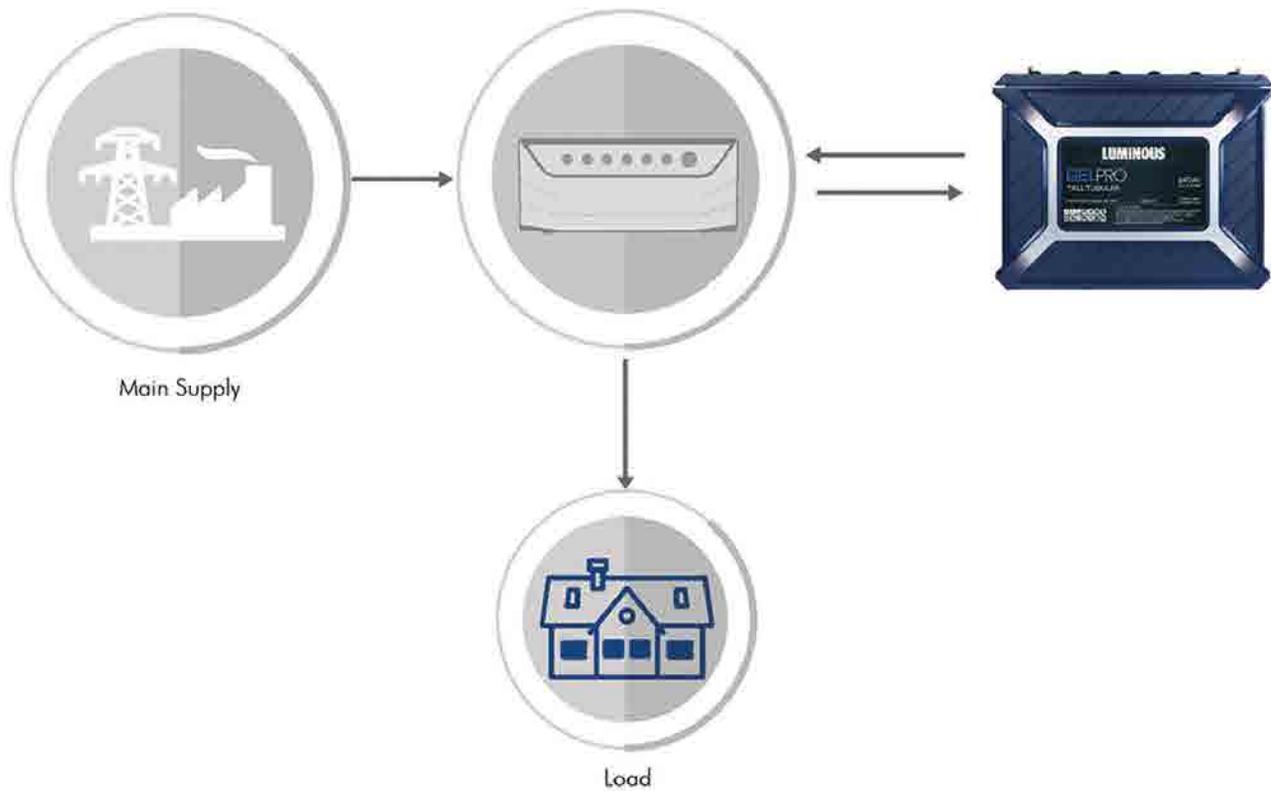


[youtube/c/LuminousGlobal](https://www.youtube.com/channel/LuminousGlobal)

Technical Specification

Model Name	Nominal Voltage (V)	Rated C20 Capacity at 27°C (Ah)	Dimension of Battery			Height upto Terminal (mm (±5%))	Weight Net (Kg (±5%))	Charging Voltage (V@27°C)			
			Length (mm (±3%))	Width (mm (±3%))	Height (mm (±3%))			Cycle Use		Standby Use	
								Min. (V)	Max. (V)	Min. (V)	Max. (V)
GPTTEX240	12	240	504	186	407	426	79.00	14.40	14.80	13.60	13.80

Schematic Representation



ULTIMATE PERFORMANCE & BETTER OUTPUT

Introducing Deep-cycle gel batteries with a number of design characteristics providing significant advantages over other competing gel products. The gelled electrolyte solution is a proprietary formulation that delivers consistent performance and extend the battery's cycle life for ultimate performance and better output.



Inver Gel

KEY FEATURES

- InverGel is filled with Gel. It requires no water top up and is completely spillage proof & Maintenance free.
- No electrolyte stratification, no plate shedding, No failure due to PSOC, Consistent backup through-out the life, Long Life
- High Grade imported Separator ensure Less electrical resistance, High oxidation resistance, high porosity. High charging efficiency.
- Explosion proof and self-releasing imported PRV regulate the internal gassing pressure.
- Environment friendly and safer as it emits no fumes and absolutely maintenance free.



NO TOP UP
REQUIRED



MAINTENANCE
FREE



ZERO SPILLAGE
RISK



ADVANCE
TECHNOLOGY



CONSTANT POWER
LONGER LIFE

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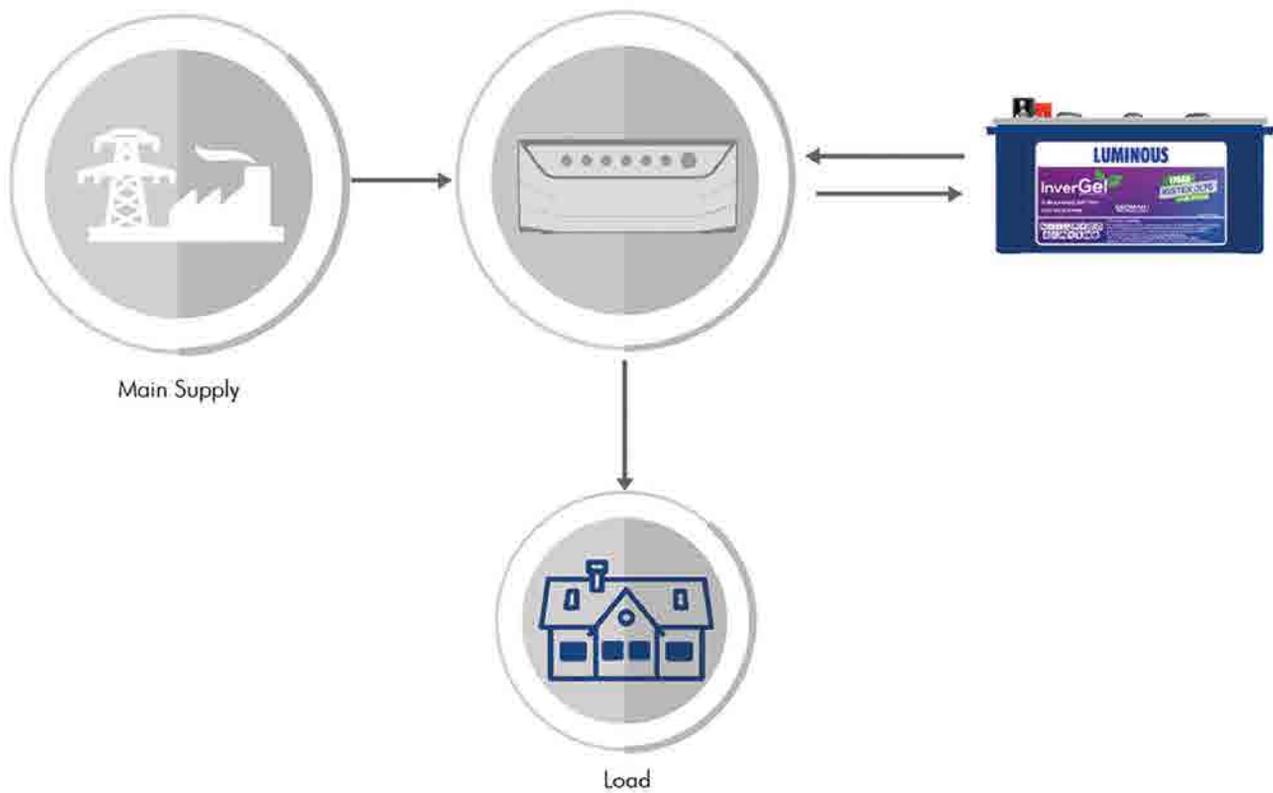


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Technical Specification

Model Name	Nominal Voltage	Rated C20 Capacity at 27°C	Dimension of Battery			Height upto Terminal	Weight Net	Charging Voltage (V@27°C)			
			Length	Width	Height			Cycle Use		Standby Use	
								Min.	Max.	Min.	Max.
(V)	(Ah)	mm (±3%)	mm (±3%)	mm (±3%)	mm (±5%)	Kg (±5%)	(V)	(V)	(V)	(V)	
IGSTEX J125	12	125	518	274	250	286	50.00	14.40	14.80	13.60	13.80
IGSTEX J175	12	175	518	274	250	286	65.00	14.40	14.80	13.60	13.80

Schematic Representation



FOR UPS, SOLAR & TELECOM APPLICATIONS

UPS Systems, Emergency Light, Fire Alarms, Security Systems, Telecom, Portable Emergency Light, Solar, Electronic Weighting Scales, Power Satation & Sub-Station.



VRLA / AGM SMF BATTERY

KEY FEATURES

- AGM technology for efficient gas recombination
- Rubber safety valve
- Float or cyclic use
- Ultra low self-discharge

SERVICE LIFE

- 3 to 5 years expected service life under normal float charge condition at 25°C
- Cycle service life: 400 to 500 cycles at 80% D.O.D. 1100 to 1200 cycles at 30% D.O.D.
- Extended shelf life (up to 12 months at 20°C)



VRLA / AGM
BATTERY



FACTORY CHARGED
BATTERY IN READY
TO USE CONDITION



NO MAINTENANCE



MORE BACK-UP &
LONGER LIFE



HIGH DURABILITY
WITH SEALED
PLASTIC HOUSING

Scan QR Code for
Product Video



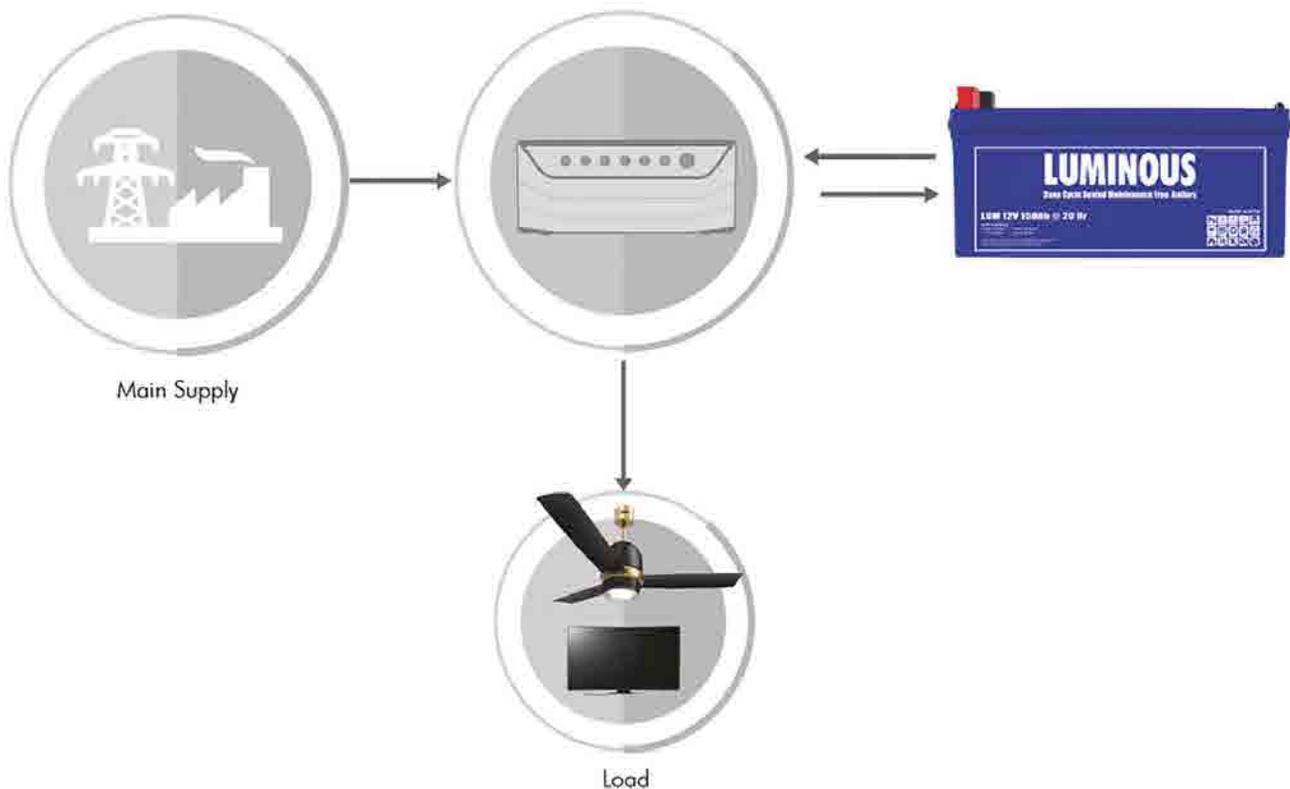
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Technical Specification

Model Name	Nominal Voltage	Rating	Capacity @27°C	Dimension of Battery			Height upto Terminal	Net Weight	Max Charging current in Cyclic Use	Max DisCharging Current	Charge Voltage (V@27°C)			
				Length	Width	Height					Cycle Use		Standby Use	
	(V)	(mm)	(mm)	(mm)	(mm)	(mm)	(Kg)	(Amp)	(Amp)	Min (V)	Max (V)	Min (V)	Max (V)	
LUM 12V 5AH	12	5Ah	C20	90	70.0	102	107	1.88	1.50	50	14.5	14.9	13.6	13.8
LUM 12V 7AH	12	7Ah	C20	151	65.0	94	99	2.05	2.10	70	14.5	14.9	13.6	13.8
LUM 12V 7.2AH	12	7.2Ah	C20	151	65.0	94	99	2.30	2.16	72	14.5	14.9	13.6	13.8
LUM 12V 9AH	12	9Ah	C20	151	65.0	94	99	2.60	2.70	90	14.5	14.9	13.6	13.8
LUM 12V 12AH	12	12Ah	C20	151	98.0	98	102	3.80	3.60	120	14.5	14.9	13.6	13.8
LUM 12V 18AH	12	18Ah	C20	181	76.0	165	165	5.40	5.40	180	14.5	14.9	13.6	13.8
LUM 12V 28AH	12	28Ah	C20	165	125.0	175	175	9.70	8.40	280	14.2	14.8	13.6	13.8
LUM 12V 45AH	12	45Ah	C20	197	165.0	170	170	13.30	13.20	450	14.5	14.9	13.6	13.8
LUM 12V 50AH	12	50Ah	C20	229	138.0	212	216	17.50	15.00	550	14.5	14.9	13.6	13.8
LUM 12V 65AH	12	65Ah	C20	350	168.0	179	179	21.30	19.50	650	14.1	14.4	13.6	13.8
LUM 12V 70AH	12	70Ah	C20	259	168.0	209	212	22.00	21.00	700	14.1	14.4	13.6	13.8
LUM 12V 100AH	12	100Ah	C20	339	173.0	212	217	26.00	27.00	900	14.1	14.4	13.6	13.8
LUM 12V 150AH	12	150Ah	C20	483	170.0	241	241	41.50	42.00	1400	14.4	14.8	13.6	13.8
LUM 12V 200AH	12	200Ah	C20	522	240.0	218	244	55.00	54.00	1800	14.4	14.8	13.6	13.8
LUM 12V 200AH	12	200Ah	C10	522	240.0	218	244	61.50	60.00	2000	14.1	14.4	13.6	13.8

*Due to continual product improvement the specifications are subjected to change without any prior notice.

Schematic Representation



SOLAR BATTERY

Harness the Power of Sun

Now harness the power of Sun with Luminous Solar batteries. Luminous Solar Batteries are C10-rated deep-cycle batteries that are specially designed for longer backup and are the most reliable in terms of performance and design.



Very Low Maintenance
Topping up frequency:
Once in 8 to 10 months



Long Design Life
Long cycles
(1500@80% DOD, 5000
@20% DOD)



High Temperature Performance
Can handle extreme weather conditions



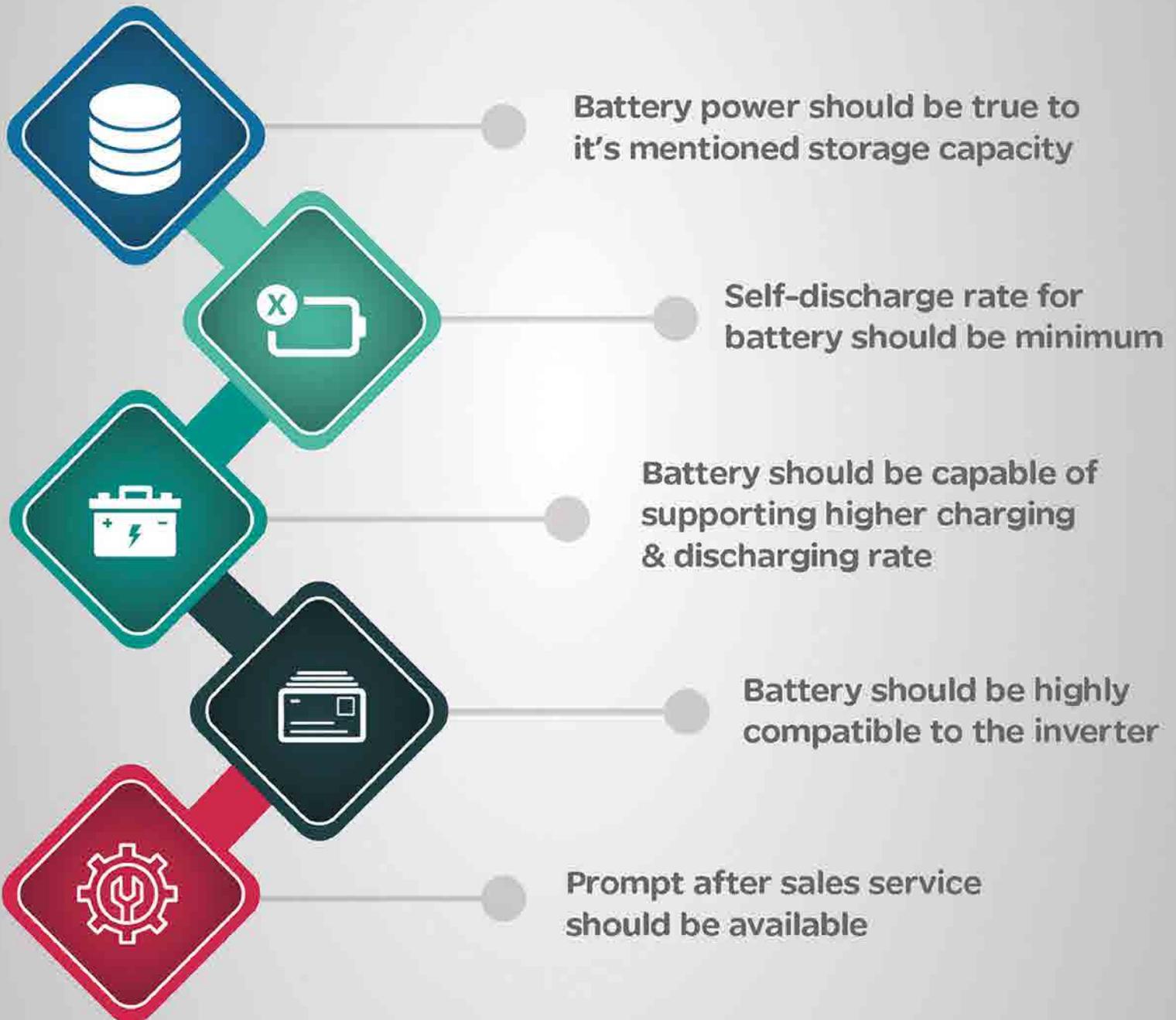
High Charge acceptance
Rugged Performance



Technical Specifications

Model Name	Nominal Voltage (V)	Rated C20 Capacity at 27°C (Ah)	Dimension of Battery			Height upto Terminal (mm ±5%)	Electrolyte Volume (Ltrs. ±5%)	Charging Current				Weight (Kg ±5%)
			Length (mm ±3%)	Width (mm ±3%)	Height (mm ±3%)			Boost Mode		Trickle Mode		
								Starting (Amp)	Finishing (Amp)	Min (mA)	Max (mA)	
LPTTEX 12150	12	150	502	191	397	415	20.4	18.0	9.0	150	600	60.00
LPTTEX 12200	12	200	502	191	397	415	21.8	24.0	12.0	200	800	68.00

Choose The Right Battery For Your Power Back Up



Be a smart Customer and make the right choice!



35⁺ Years of
EXCELLENCE

LUMINOUS

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