## **HOME INVERTERS**



UNINTERRUPTED POWER



**RELIABLE** & **DURABLE DESIGN** 

SUPPORTS POPULAR **BATTERY TYPES** (FLAT & TUBULAR)



SAFE FOR DOMESTIC & COMMERCIAL **APPLICATIONS** 



⊡icon

- 13 Spillers Do. 100  LUMINOUS







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### INVERTER WITH BUILT-IN LITHIUM-ION BATTERY

Li-On is a premium inverter series with in-built Lithium-ion battery making it compact, safe, long lasting and efficient. Lithium-ion batteries offer longer life, fast battery charging, maintenance free operation and consistent back-up throughout its life. The LCD display shows performance statistics, like, charging time, backup time and running load status.





#### **Key features**

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- Lithium-ion battery offers long battery life, consistent back-up time throughout its life, faster battery charging and maintenance free consumer experience
- O Compact design (requires 1 sq. ft. floor area) with LCD display which shows performance statistics
- O Completely safe & beautiful product, with no acid spills, toxic fumes & protruding wires; thus, can be placed inside the home

#### RANGE AVAILABLE



# icon

### POWERFUL INSIDE, BEAUTIFUL OUTSIDE

Icon is a revolutionary inverter series with dedicated battery enclosure. It is ergonomically designed to add convenience during battery water top-up process and ensures safety with shock proof design and hidden terminals. The series supports LVFC (low voltage fast battery charging) technology which reduces battery charging time. Equipped with pure sine wave technology, Icon complements the décor of your living space.



#### **Key features**

- O Beautifully designed with a dedicated battery enclosure
- LVFC technology provide full charging current even at 95V ensuring faster battery charging
- No open wires as battery can be encapsulated inside the inverter making it completely safe from any accidental contact





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### INDIA'S MOST INTELLIGENT INVERTER

Zelio is India's most loved feature packed inverter series equipped with 32-bit DSP processor and informative LCD display with features such as power back-up time display, battery charging time display, fault indicators and much more. It also has MCB protection and Mains by-pass switch which keeps the power supply uninterrupted.



O Input mains protection through MCB ensures complete safety of appliances even when there is short circuit at output

#### RANGE AVAILABLE





### FAST BATTERY CHARGING SERIES

Eco Watt Rapid & Shakti Charge series are India's most trusted inverter series for rural and semi–urban areas with in-built heavy-duty charger and LVFC (Low voltage fast battery charging) technology that charges the battery with full charging current even when input voltage is low. It is an ideal choice for areas which experience low voltage conditions and frequent power-cuts.



- O Ideal for areas with low input voltage & frequent power-cuts
- User friendly LED indication for checking performance of inverter battery system

**RANGE AVAILABLE** 

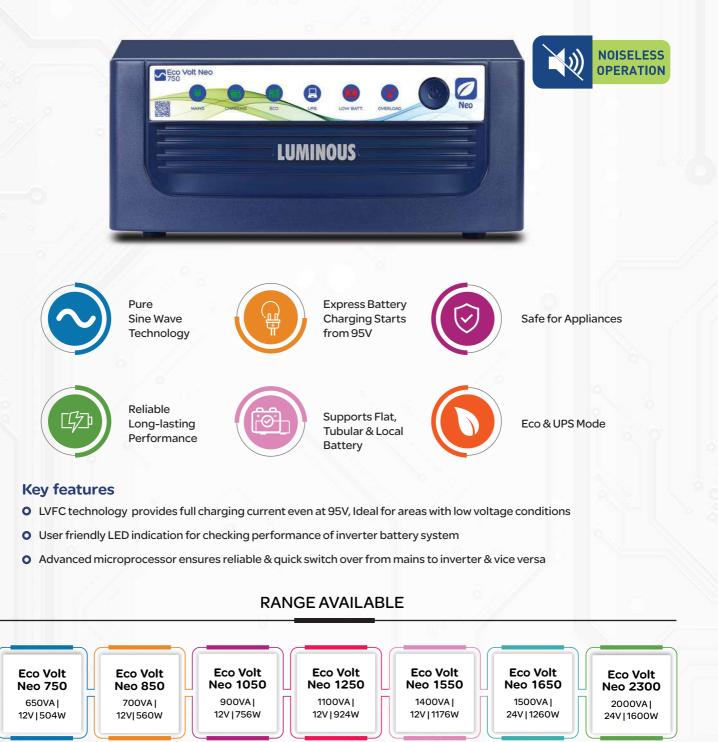


\*Available only in Eco Watt XL Rapid 1650. For detailed specification please refer last section of this catalogue.



### TOUGHEST SINE WAVE INVERTER SERIES

Eco Volt Neo series with pure sine wave technology is a best seller from the house of Luminous. It is equipped with advanced microprocessor design, LVFC technology, user friendly LED indications and many other protection features and alarms making it the best choice for home, office and small commercial applications.



For detailed specification please refer last section of this catalogue.

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S Eco Watt Neo

### **NO.1 SELLING LUMINOUS SERIES**

Eco Watt Neo series with modified square wave technology is equipped with advanced microprocessor, fast battery charging, user friendly LED indications and many other protection features and alarms. It is suitable for home, office and small commercial applications.



O Equipped with over charging, overload, short circuit & over temperature protection along with respective alarms



### **INVERTER BATTERIES**



LONG LIFE

ENHANCED SAFETY



LOW MAINTENANCE

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RECYCLABLE





### FIT AND FORGET

Fit & Forget class battery from LUMINOUS portfolio, specially made with cutting-edge Gel technology. An Environment-friendly alternative that emits no fumes. It requires zero maintenance and no water top-up. One of the safest batteries with Zero spillage risk.



#### O Best-in-class ampere-hour and watt-hour efficiencies for ultimate comfort during power cuts

O Fully tested at DSIR approved dedicated battery design lab for complete safety during service life



**RANGE AVAILABLE** 

\*Conditions apply For detailed specification please refer last section of this catalogue.



## ULTRA CHARGE

### POWER **MEETS BEAUTY**

Ultra Charge Range is the most premium and advanced battery series from the house of Luminous. These are one of a kind Lead-Acid Battery with premium looks. It comes in extra strong casing with enhanced safety features.



#### **Key features**

- A premium offering with maximum power and long service life
- O Robust container that offers enhanced durability and long life
- Sealed Container & Cover, for safety against acid leakage

#### **RANGE AVAILABLE**





## Life-Max

### EXCELLENCE THAT GOES A LONG WAY

Next generation tall tubular battery with better charge acceptance and longer back-up. It contains approximately 20% more acid volume per ampere-hour than ordinary tubular batteries. It comes with extra-strong, flexible, oxidation-resistant gauntlet for better performance and long life.



#### **Key features**

- 99.99% pure lead ensure long life (can hold charge for long time when not in use)
- O Super Strong HADI Tubular Plate for Voidless, Unidirectional grain orientation that ensures long life and ultimate performance
- O High puncture resistant, imported separator with improved electrical conductivity for best performance



**RANGE AVAILABLE** 

\*Conditions apply For detailed specification please refer last section of this catalogue.

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### EXCELLENCE REDEFINED

Inverlast range of heavy-duty Tall Tubular batteries are designed to support heavy load of electrical appliances during long & frequent power outages. These batteries contain special grade Lead alloy and are designed for both HRD & SFC application. It is designed with Orthogonal 3D grid design for unmatched electrical performance.



#### **Key features**

- O Best-in-class battery for ultimate comfort during power-cuts
- O Made in HPM container with Virgin PPCP, ensures ultra-durability and acid resistance
- Heat Sealed Container & Cover, for safety from acid leakage

#### RANGE AVAILABLE





### PERFORMANCE THAT GOES ON AND ON

This range of Inverlast batteries are designed to cope with mild-to-heavy loads for a longer duration. They are suitable for residential and commercial purposes.



#### **Key features**

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- Provides long power back-up during power outages
- O Superior plate design with optimum PAM/NAM ratio, most suitable for frequent power-cuts application
- O Provided with Microporous ceramic disc fitted float indicators for environmental safety



**RANGE AVAILABLE** 

\*Conditions apply



### POWER THAT LASTS LONG

Shakti Charge is one of India's most trusted battery. It is an ideal choice for areas with long and frequent power-cuts. It comes with fast charging technology and an enhanced warranty period of 5 years. Its Tall Tubular design ensures higher performance and longer back-up hours



#### O Smartest battery with long-lasting and super strong electrical performance

- Provided with Microporous ceramic disc fitted float indicators for environmental safety
- O Toughest poly-ethylene separator for long life and ultimate electrical performance

#### SC 16060 135 Ah 36+24\* Month Warranty SC 18060 150 Ah 36+24\* Month Warranty

**RANGE AVAILABLE** 

\*Conditions apply

For detailed specification please refer last section of this catalogue.

**EXTA** charge ECO CHARGE

### STUNNING PERFORMANCE

This high-performance Tall Tubular battery with longer back-up time, is made of rugged tubular plates. These batteries require minimum maintenance and can withstand long and frequent power-cuts.



#### O High Pressure Heat sealed Container and Cover Design which makes it Leak-proof and Spill-proof

• Plates made of 99.99% Pure Lead & Lead alloy, ensuring long service life with best-in-class electrical performance





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### THE POWER OF PERFORMANCE

Power charge batteries are designed for rural and semi-urban areas as they offer long life and less maintenance and are a 'value for money' range. These Batteries made with Tubular Plate Technology offers superior performance during PSoC application.



#### **Key features**

- NO-TENSION power back-up battery with long service life
- Made in HPM container with Virgin PPCP, ensures ultra-durability and acid resistance
- O Super Strong HADI Tubular Plate for Unidirectional grain orientation to ensure long life and ultimate performance



#### RANGE AVAILABLE



### THE ULTIMATE PERFORMER

Red charge range of batteries offer long life and less maintenance and is a 'value for money' range. These tubular technology batteries come with fast charging technology and are suitable for areas with frequent power-cuts.



- O Superior plate design with optimum PAM/NAM ratio, most suitable for frequent power-cut application
- O Provided with Microporous ceramic disc fitted float indicators for environmental safety
- O Ultimate performance, guaranteed safety with Ultra Pure acid

#### RANGE AVAILABLE





### SMART BATTERY FOR SMART CUSTOMERS

Red Charge batteries are excellent for locations with frequent power outages and include fast charging features. They are affordable and offer a long lifespan and require little upkeep.



#### **Key features**

- Performs best in extreme conditions due to High Oxidation resistance
- O Plates made with 99.99% Pure Lead & Lead alloy, ensuring long service life with best-in-class electrical performance
- Minimized grid corrosion at high temperatures

#### **RANGE AVAILABLE**



### TOUGH X TROLLEY





### A TOUGH AND BEAUTIFUL ACCESSORY

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 inverter and battery set.





### **TECHNICAL SPECIFICATIONS**

	Series	Model Name	Rating	Input voltage range	Maximum Charging Current	Net Weight (In Kg)	Dimension (LXWXH) In CM	Protection
		Eco Watt Neo 700	600VA	100V-290V	13A	7.4 kg	27.5x26x11.5	
		Eco Watt Neo 800	700VA	100V-290V	14A	7.8 kg	27.5x26x11.5	
		Eco Watt Neo 900	800VA	100V-290V	14A	8.4 kg	27.5x26x11.5	Low Battery, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature, AC MCB*
	Eco Watt Neo	Eco Watt Neo 1050	900VA	100V-290V	17A	9.3 kg	27.5x26x11.5	
		Eco Watt Neo 1250 Pro	1100VA	85V-290V	17A	10.4 kg	27.5x30.2x13	
		Eco Watt Neo 1650	1500VA	100V-290V	17A	14.5 kg	27.5x30.2x13	
		Eco Watt Neo 2300	2000VA	90V-290V	20A	17.7 kg	40x31.1x15.2	
	Eco Volt Neo	Eco Volt Neo 750	650VA	85V-290V	14A	6.8 kg	27.5x26x11.5	Low Battery, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature & MCB*
		Eco Volt Neo 850	700VA	85V-290V	14A	7.4 kg	27.5x26x11.5	
		Eco Volt Neo 1050	900VA	85V-290V	17A	9.5 kg	27.5x26x11.5	
		Eco Volt Neo 1250	1100VA	85V-290V	17A	13 kg	27.5x30.2x13	
		Eco Volt Neo 1550	1400VA	85V-290V	17A	13.5 kg	27.5x30.2x13	
		Eco Volt Neo 1650	1500VA	85V-290V	17A	14 kg	27.5x30.2x13	
		Eco Volt Neo 2300	2000VA	85V-290V	20A	17.9 kg	40x31.1x15.2	
	lcon	lcon 1100	900VA	85V-290V	17A	13 kg	76.5x24.6x50.5	Low Battery, Short Circuit, Overload, Over Charge, Deep Dis- charge, Over Tempera- ture & MCB*
		lcon 1600	1400VA	85V-290V	21A	16.8 kg	76.5x24.6x50.5	
	Zelio Smart	Zelio Smart 1100	900VA	110V-285V	15A	10 kg	27.5x24.8x12	Overload, Low Battery, Over Charge, Short Circuit, Over Temperature & Wrong Wiring

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0	Series	Model Name	Rating	Input voltage range	Maximum Charging Current	Net Weight (In Kg)	Dimension (LXWXH) (in CM)	Protection
	Shakti Charge & Eco Watt Rapid	Shakti Charge 1150	900VA	90V-290V	16A	9.9 kg	40.2x24x13.2	Overload, Short-circuit, Battery Deep Discharge, Low Battery, Overcharge
		Shakti Charge 1450	1100VA	90V-290V	20A	11.1 kg	40.2x24x13.2	
		Eco Watt XL Rapid 1650	1500VA	90V-290V	27A	14.6 kg	40.2x32x15	Low Battery, Overcharge
	Optimus	Optimus 1250+	1100VA	85V-285V	18A	11.4 kg	30.5x27.5x13.9	Deep Discharge, Overload, Short-circuit, Over Temperature MCB
		Optimus 2300+	2000VA	85V-285V	21A	21 Kg	30x32.6x28.4	
		Optimus 2800+	2500VA	85V-285V	21A	22.5 kg	30x32.6x28.4	
		Optimus 3800+	3500VA	85V-285V	21A	31.5 kg	30x41.7x45.2	
	Power Pro	Power Pro 2250	2000VA	90V-290V	20A	20.2 kg	40x33x16.5	Low Battery, Reverse Polarity, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature & MCB
	iCruze	iCruze 5000+	4000VA	140V-280V	21A	36 kg	30x47.1x45	Low Battery, Reverse Polarity, Short Circuit, Overload, Over Charge, Deep Discharge, Over Temperature, DC & AC MCB
		iCruze 6000+	5500VA	140V-280V	21A	36 kg	30x36.6x42.5	
		iCruze 7000+	6000VA	140V-280V	21A	48 kg	30x36.6x42.5	
		iCruze 9000+	7500VA	140V-280V	21A	71.62 kg	30x47.1x56	
		iCruze 11000+	10000VA	140V-280V	21A	77.8 kg	30x47.1x56	
	Li-On	Li-On 1250	1100VA	95V-285V	21A	25 kg	30x35.5x28.4	Low Battery Pre-Alarm, Overload & short circuit, DC MCB

## ∎Batteries

### **TECHNICAL SPECIFICATIONS**

Series	Model Name	C20*	Warranty	Filled weight	Dimension of battery upto terminal without float indicator fitted
		(Ah)	(Months)	±5% Kg	Length x Width x Height (In CM) $(\pm 0.5 \text{cm})$
Invergel	IGSTJ 18000	NA	36+12*	49	51.8 X 27.2 X 30.7
	UCTT18066	150	42+24*	57	50.4 X 18.6 X 42.4
	UCTT24066	180	42+24*	58.5	50.4 X 18.6 X 42.4
Ultra Charge	UCTT25066	200	42+24*	61	50.4 X 18.6 X 42.4
	UCTT26066	220	42+24*	62	50.4 X 18.6 X 42.4
	UCTT28066	250	42+24*	70.5	50.4 X 18.6 X 42.4
Lifemax	LM18075	150	60+15*	59.5	50.2 X 19.1 X 44
	ILTT18000N	150	30+18*	54.5	50.2 X 19.1 X 44
	ILTT18060	150	36+24*	55	50.2 X 19.1 X 44
	ILTT18060 Pro	150	36+24*	54	50.2 X 19.1 X 44
Inverlast	ILTT20060	160	30+30*	54	50.2 X 19.1 X 44
Invenast	ILTT24060	180	36+24*	59.5	50.2 X 19.1 X 44
	ILTT25060	200	36+24*	63.5	50.2 X 19.1 X 44
	ILTT26060	220	36+24*	62	50.2 X 19.1 X 44
	ILTT28060	250	36+24*	70.5	50.2 X 19.1 X 44
	ILST10036	80	24+12*	27	41 X 17.4 X 30.5
Inverlast ST	ILST12042	100	24+18*	40	50.5 X 22 X 30.8
	ILTJ18148	150	36+12*	52.5	51.8 X 27.2 X 30.7
Shakti Charge	SC16060	135	36+24*	47.5	50.2 X 19.1 X 38.8
Shaku Charge	SC18060	150	36+24*	49.5	50.2 X 19.1 X 38.8
Extra Charge	EC18060	150	36+24*	55	50.2 X 19.1 X 44
Eco Charge	ECO 18000	150	24+18*	49.5	50.2 X 19.1 X 38.8
Neo Charge	Neo 18030	150	15+15*	52.5	50.2 X 19.1 X 44

\*RATED C20 CAPACITY AT 27DEG. C & 1.240 TEST GRAVITY

Series	Model Name	C20*	Warranty	Filled weight	Dimension of battery upto terminal without float indicator fitted
		(Ah)	(Months)	±5% Kg	Length x Width x Height (In CM) (±0.5cm)
	PC18042	150	24+18*	54	50.2 X 19.1 X 44
	PC18042TJ	150	24+18*	50.5	51.8 X 27.2 X 30.7
Power Charge	PC20042TT	160	21+21*	54	50.2 X 19.1 X 44
	PC18054 Pro	150	30+24*	54	50.2 X 19.1 X 44
	PC18054TJ Pro	150	30+24*	50.5	51.8 X 27.2 X 30.7
	RC15000	120	18+18*	39	50.5 X 22 X 30.8
	RC16000	135	18+18*	43.5	50.5 X 22 X 30.8
	RC16042ST XL	135	21+21*	43.5	50.5 X 22 X 30.8
	RC18000	150	18+18*	52.5	50.2 X 19.1 X 44
Red Charge	RC18000ST	150	18+18*	43.5	50.5 X 22 X 30.8
	RC18042ST XL	150	21+21*	43.5	50.5 X 22 X 30.8
	RC24000	180	18+18*	58	50.2 X 19.1 X 44
	RC25000	200	18+18*	58	50.2 X 19.1 X 44
	RC15000 Pro	120	24+24*	39	50.5 X 22 X 30.8
	RC16000Pro	135	24+24*	43.5	50.5 X 22 X 30.8
Red Charge Pro	RC18000ST Pro	150	24+24*	43.5	50.5 X 22 X 30.8
FIO	RC18000 Pro	150	24+24*	52.5	50.2 X 19.1 X 44
	RC24000 Pro	180	24+24*	58	50.2 X 19.1 X 44
	RC25000 Pro	200	24+24*	58	50.2 X 19.1 X 44



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#### INVERTERS | BATTERIES