



LUMINOUS



Electra Product Catalogue
2016

Luminous In Brief

Luminous is the most trusted brand in Home UPS and Inverter Batteries in India. With more than 2 decades of expertise in Home UPS and more than 1 decade of expertise in Inverter Batteries, Luminous at present is among the leading players in the market with 7 manufacturing units, more than 28 sales offices in India and presence in over 36 countries. Our 6000 employees serve more than 60,000 channel partners and millions of customers. Our motto is Customer Delight through Innovation & Passion with focus on execution & team-work.

More than 27 years of history

SUCCESS



2010

Sachin Tendulkar appointed as Brand Ambassador

2011

Luminous -Schneider joint venture

2012

MNRE:CRISIL Recognition

Awarded Consumer Superbrand status in the Inverter Battery category

2013

Won Best Power Back-up Solution Provider Company Award conducted by VAR India

Got ISO 50001:2001 rating

2014

Luminous given Most Trusted Brand status

Luminous joins hands with TERI

2015

Awarded Superbrand Status in the Inverter Battery category again

EXECUTION



2000

First Luminous product got exported

2004

Tie-up for battery technology with Eagle Pitcher Inc. USA

First battery manufacturing plant came into existence

2006

Tie-up with Hyundai, formation of Hyundai Power Products

2007

First manufacturing facility out of India (Lang Ming, China)

Got industry leadership award from Frost & Sullivan

PREPARATION



1991

Manufactured first inverter

1994

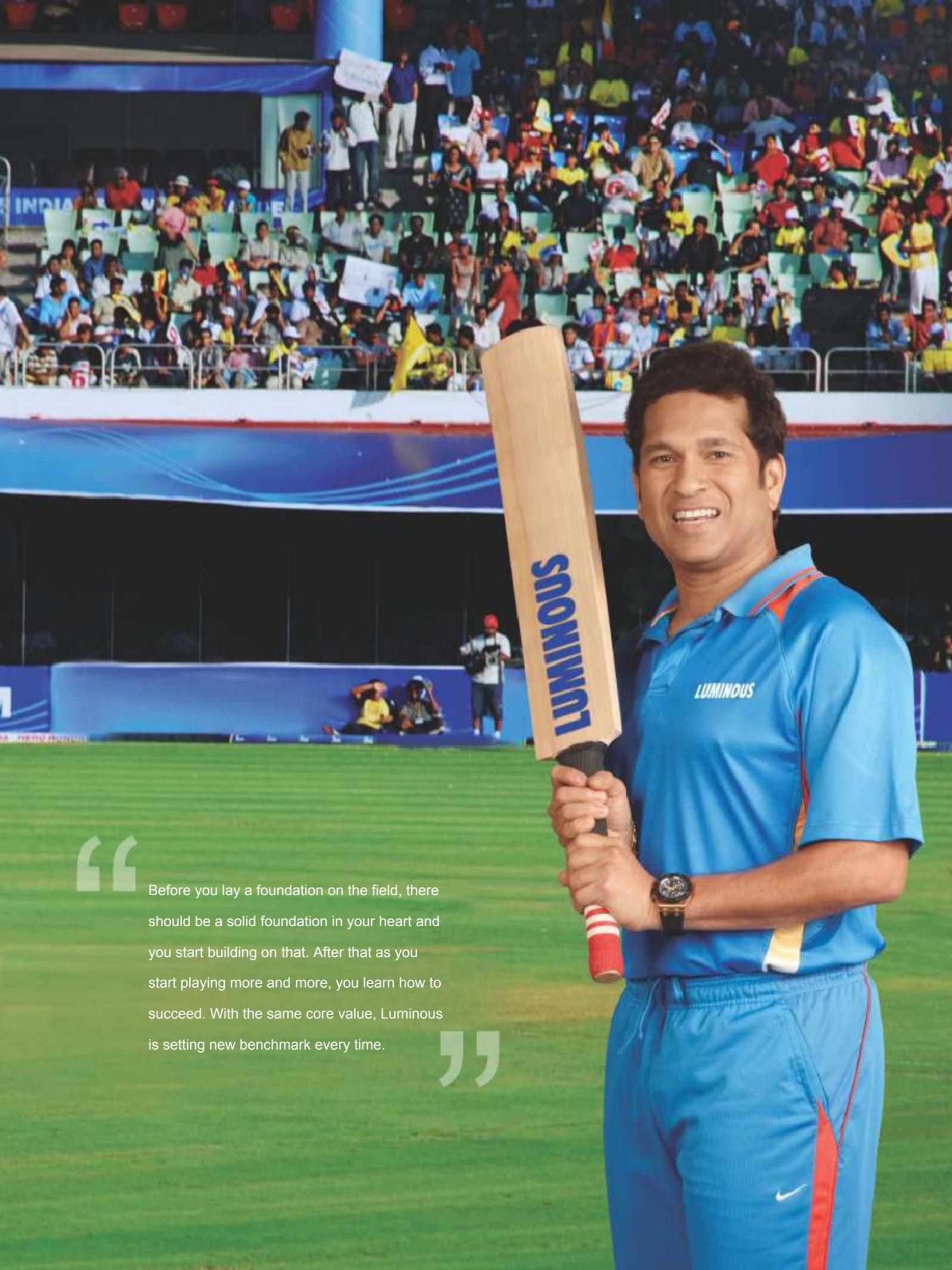
Manufactured first UPS

INCEPTION



1988

Company was founded



“

Before you lay a foundation on the field, there should be a solid foundation in your heart and you start building on that. After that as you start playing more and more, you learn how to succeed. With the same core value, Luminous is setting new benchmark every time.

”



Vision

Passionately innovate to make life comfortable and efficient.



Mission

Be the brand of choice for products and services that generate, control, store and use electricity efficiently. Through passionate people we innovate to consistently deliver a tangible competitive advantage in reliability, service and cost.



Values

Customer Delight through Innovation & Passion with focus on Execution & Team-work.

Home UPS



Luminous, a leader in Home UPS category has been consistently delivering world-class products that are preferred not only in India but, globally as well for over 2 decades. Luminous Home UPS are manufactured using latest state-of-the-art technology at a highly automated plant in Himachal Pradesh. Our credential lies in satisfaction of over 8 million customers. Luminous has a wide range of Home UPS models meeting diverse needs of the customers.

Inverter Battery



Luminous offers wide range of Inverter Batteries, ranging from 60 Ah to 220 Ah. We have back-up solutions for all kinds of customer requirement ranging from 30 minutes to 12 hours. These batteries are designed smartly to give longer back-up and needs lower maintenance.

Awards & Recognition

 <p>2007 FROST & SULLIVAN Awarded by Frost & Sullivan for Leadership in the Asia Pacific Region</p>	<p>Market Penetration Leadership Award: Received “Frost & Sullivan Market Penetration Leadership Award in Asia Pacific for DC-AC Inverters in non-renewable energy markets”</p>
 <p>Selected 2012-14 Quality Brands</p>	<p>Quality Brands Award, 2012 to 2014 & Rashtriya Udyog Ratna Award 2014: “Awarded to Luminous based on industrial field survey by National Organization for Commerce & Industry”</p>
 <p>SME ACHIEVERS AWARDS 2012 WINNER</p>	<p>SME Channel Connect & Achievers Awards 2012: Received in ‘Best Home UPS’ & ‘Best Inverter Battery’ Categories.</p>
 <p>Juxt</p>	<p>Juxt Award: Luminous has also been recognised as the most preferred Inverter/UPS brand for the year 2013/14 by Juxt India online study.</p>
 <p>VAR India</p>	<p>Best Power Back-up Solution Provider Company: Awarded to Luminous based on the study conducted by VAR India - a leading publication house.</p>
	<p>Luminous Brand Award: Winner of “Consumer World Award” for consecutive four years in the inverter category in India.</p>
 <p>SELECTED Superbrand</p>	<p>Consumer Superbrand: Winner of “Consumer Superbrand” status in the Inverter and Inverter Battery category for the year 2011-12 & again for the same in year 2014-15.</p>
 <p>MNRE CRISIL Solar Grading</p>	<p>MNRE CRISIL: Solar Grading: Luminous has been awarded with the MNRE CRISIL SP 1A Grade for its capability as a system integrator in the Photovoltaic segment.</p>
 <p>Power of Trust</p>	<p>India's most Trusted Brand - 2014 & 2016: Luminous has been again listed as India's most Trusted brand in the category of Power Products in 'The Brand Trust Report, India Study, 2016' which has been recently launched in India).</p>
	<p>India's most Attractive Brand 2015: Luminous has been listed as India's most attractive brand in Inverter & Battery category by TRA (formerly Trust Research Advisory).</p>

Luminous Service





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1800 103 3039 | 1860 500 3939
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Online Call Resolution



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24x7 Call login facility at centralised call center



1200+ Field Service Personnel servicing 3800+ locations pan India

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Network of 100 Company Service Centers and 190 Authorised Service Points

Other Product Offerings



Solar Products



Home Electrical Products



Online & Line Interactive UPS System





Freedom from power cuts with Luminous Home UPS





Electra Sine is a pure sine wave Home UPS with MCB Protection. The low harmonic distortion makes the Home UPS practically noiseless and the pure sine wave output makes it highly 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
- Auto holiday mode preserves battery charge and safeguards battery life
- 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%



Pure sine wave output



24 months warranty



Supports flat, tubular, SMF & local battery



MCB protection



Overload protection with auto reset



High efficiency

Technical Specifications

Model	Electra Sine 865	Electra Sine 1065
Capacity	700VA	900VA
Input		
Voltage	100-290V	100-290V
Output		
Max. Bulb Load	600 Watt	720 Watt
Battery		
Maximum Charging Current	14A	17A
Physical		
Gross Weight (Kg.)	9.2	10.8
Dimension LxWxH (cm)	29.2x27.5x12	29.2x27.5x12
Protection	Overload, Short-circuit, Battery Deep Discharge & Battery Reverse Polarity, MCB Protection	



ELECTRA
— Long Backup UPS —

Electra Square series is yet another top selling Home UPS series of Luminous. It is built with advanced PCB programming, microprocessor and FSW transformer, making it highly efficient. Also, it does not create any humming noise, consumes less power and is capable of taking higher load.

Key Features

- Rugged technology design for high performance and longer back-up time, specially suited for Indian power conditions
- Auto holiday mode preserves battery charge and safeguards battery life
- 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%



Square wave



24 months warranty



Supports flat, tubular, SMF & local battery



MCB protection



3 stage charging



ABCC technology

Technical Specifications

Model	Electra Sq. 665i	Electra Sq. 765	Electra Sq. 865+	Electra Sq. 965	Electra Sq. 1065	Electra Sq. 1665
Capacity	600VA	700VA	800VA	900VA	900VA	1500VA
Input						
Voltage	100-290V	100-290V	100-290V	100-290V	100-290V	100-290V
Output						
Max. Bulb Load	540 Watt	600 Watt	680 Watt	700 Watt	740 Watt	1350 Watt
Battery						
Maximum Charging Current	13A	14A	14A	17A	17A	17A
Physical						
Gross Weight (Kg.)	8.0	8.8	9.5	10.2	10.2	14.9
Dimension LxWxH (cm)	30x21.9x11.5	27.5x26.2x12	27.5x26.2x12	27.5x26.2x12	27.5x26.2x12	27.5x35.5x14
Protection	Overload, Short-circuit, Battery Deep Discharge & Battery Reverse Polarity, MCB Protection					



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 6-12 hours.

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 for external stabilizer
- Dual charging current option as per connected battery capacity
- User selectable three mode battery selections for Flat Plate, Tubular & Local Battery



Square wave



24 months warranty



Low voltage charging- 95 volts



MCB protection



In-built battery gravity Builder



Powerful charger

Technical Specifications

Model	Rhino Charge 1125	Rhino Charge 1425
Capacity	900VA	1100VA
Input		
Voltage	90-290V	90-290V
Output		
Max. Bulb Load	720 Watt	780 Watt
Battery		
Maximum Charging Current	16A	20A
Physical		
Gross Weight (Kg.)	14.20	14.40
Dimension LxWxH (cm)	40.2x32x13.2	40.2x32x13.2
Protection	Overload, Short-circuit, Battery Deep Discharge Protection & Battery Reverse Polarity Protection	



**DIGITAL
DISPLAY
HOME UPS**

PRO UPS

Luminous Pro UPS with high KVA range has 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



Square wave



24 months warranty



Charges battery with full current even at 95 volt



Can run printer/ photo-copier



3 Modes battery charger



MCB protection

Technical Specifications

Model	Pro UPS 2250
Capacity	2000VA
Input	
Voltage	100-290V
Output	
Max. Bulb Load	1600 Watt
Battery	
Maximum Charging Current	20A
Physical	
Gross Weight (Kg.)	20.50
Dimension LxWxH (cm)	40x33.8x15
Protection	Overload, Deep Discharge, Short-circuit, Reverse Polarity & Input Mains Protection Through MCB



Cruze 2 KVA is a pure sine wave Home UPS. The lower change over time and heavy transformer makes it suitable for running sensitive appliances such as embroidery machine, dental chair, water motors, etc.

Key Features

- High over-load handling capacity
- Advanced battery management which enhances battery life up to 70%
- Installation and maintenance friendly
- No user-action required: Automatic Start



Pure sine wave output



24 months warranty



Synchronized changeover



MCB protection



Seven segment display



By pass switch

Technical Specifications

Model	2KVA
Capacity	2000VA/24V
Input	
Voltage	100-285V
Output	
Max. Bulb Load	1600 Watt
Battery	
Maximum Charging Current	21A
Physical	
Gross Weight (Kg.)	22.25
Dimension LxWxH (cm)	28x30.5x28
Protection	Overload, short-circuit, Battery deep discharge protection & Battery reverse polarity protection



HKVA

HIGHCAPACITYUPS

Homes and commercial establishments have higher power needs. Also, frequent power cuts can hamper the overall performance of the appliances. Luminous higher KVA offers high quality and reliable power back-up solution for running office and sensitive equipments.

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



Pure sine wave output



24 months warranty



MCB protection



By pass switch



Seven segment display



Synchronized change over

Technical Specifications

Model	2.5KVA	3.5KVA	5.2KVA	5.5KVA	7.5KVA/10KVA	
Capacity	2500VA/36V	3500VA/48V	5200VA/72V	5500VA/96V	7500VA/120V	10000VA/180V
Input						
Voltage Output	100-285V	100-285V	140-280V	140-280V	140-280V	140-280V
Max. Bulb Load Battery	2000 Watt	2800 Watt	4000 Watt	4200 Watt	6000 Watt	8000 Watt
Maximum Charging Current Physical	21A	21A	21A	12A	12A	12A
Gross Weight (Kg.)	23.00	31.90	44.50	75.20	80	123.8
Dimension LxWxH (cm)	28X30.5X28	28x30.5x38	28x36.5x38	58.8X34.1X34.7	60x35x36	62.5x34.5x51
Protection	Overload, Short-circuit, Battery Deep Discharge Protection & Battery Reverse Polarity Protection					

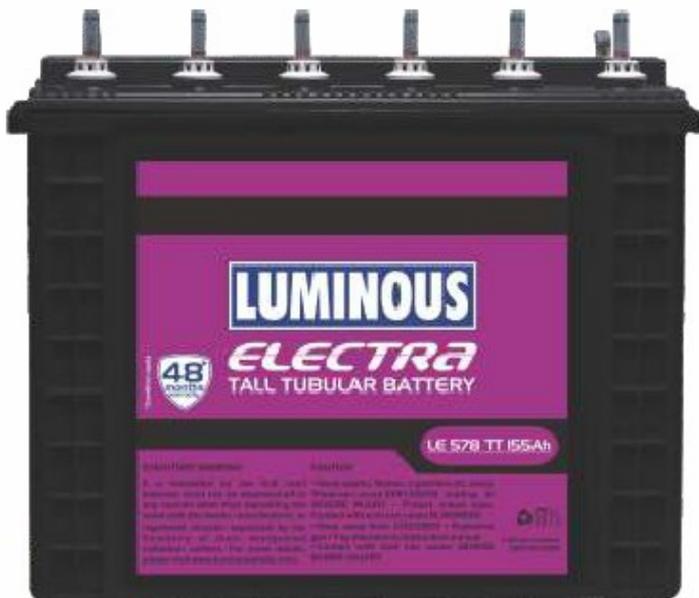
Comparison Chart

Model Number	Rating	Sine Wave	Battery System	Max. Charging Current (Amp)	Battery Water Level Indication	MCB Protection	Maximum Bulb Load (watt)#	MRP (₹)
Electra Square								
Electra Square 665i	600 VA		12V	13 amp			540	6,000
Electra Square 765	700 VA		12V	14 amp		P	600	6,300
Electra Square 865+	800 VA		12V	14 amp		P	680	6,760
Electra Square 965	875 VA		12V	17 amp		P	700	7,300
Electra Square 1065	900 VA		12V	17 amp		P	740	8,860
Electra Square 1665	1500 VA		24V	17 amp		P	1350	10,160
Rhino Charge								
Rhino Charge 1125	900 VA		12V	16 amp		P	720	9,500
Rhino Charge 1425	1100 VA		12V	20 amp		P	780	10,100
Rhino Charge 1725	1500 VA		24V	20 amp		P	1200	10,600
Electra Sine								
Electra Sine 865	700 VA	P	12V	14 amp		P	600	7,900
Electra Sine 1065	900 VA	P	12V	17 amp		P	720	10,100
Pro UPS								
Pro UPS 2250	2000 VA		24V	20 amp		P	1600	14,460
Cruze								
Cruze 2000 24V	2 KVA	P	24V	21 amp		P	1600	20,000
Cruze 2500 36V	2.5 KVA	P	36V	21 amp		P	2000	23,500
Cruze 3500 48V	3.5 KVA	P	48V	21 amp		P	2800	27,500
Cruze 5200 72V	5.2 KVA	P	72V	21 amp		P	4000	49,500
Cruze 5500 96V	5.5 KVA	P	96V	12 amp		P	4200	51,990
Cruze 6000 120V	6 KVA	P	120V	12 amp			4800	58,000
Cruze 7500 120V	7.5 KVA		120V	12 amp			6000	65,000
Cruze 10000 180V	10 KVA		180V	12 amp			8000	82,000

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



Long back up assured with Luminous Inverter Batteries





ELECTRA

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



Flat plate battery



21-39 months warranty*



Small size and light weight



Low resistance gives longer back-up on higher load



Easy maintenance with level indicators



Factory charged battery in ready to use condition

Technical Specifications

Model	Nominal Rated Voltage Capacity @ 27°C (V) (Ah)		Dimensions of Container			Charging Current (Amp)		Electrolyte			Weight (Kg.)		Water Level Indicator (No.)
			Length (mm)	Width (mm)	Volume Height(Ltrs.)	Boost Mode	Trickle Mode	Dry	Filled				
										Max	Starting	Finishing	
LE 3539	12	135	505	220		Current	Current (mA)	11345425812.8013.606.80			27.5	41.5	6
LE 5539	12	150	505	220				52125810.6015.107.8130			29.5	44.5	6



ELECTRA

Short 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, flexible oxidation-resistant gauntlet for higher performance and extremely long life
- Plates specially designed for better charge acceptance



Short tubular battery



24-48 months warranty*



Factory charged battery in ready to use condition



Long & tubular plates give more back-up & longer life



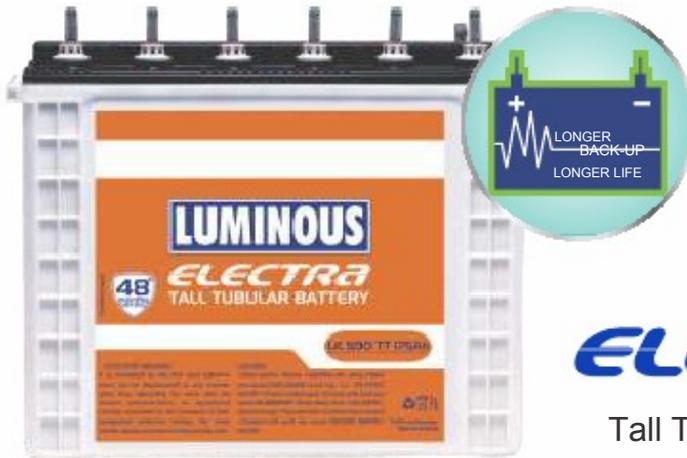
Ideal for longer duration & frequent power cut areas



Easy maintenance with level indicators

Technical Specifications

Model	Nominal Voltage (V)	Rated Capacity @ 27°C (Ah)	Dimensions of Container			Charging Current (Amp)				Electrolyte		Water Level Indicator (No.)		
			Length (mm)	Width (mm)	Volume Height (Ltrs.)	Boost Mode	Trickle Mode	Max Starting Current (mA)	Finishing Current (mA)	Min (mm)	Dry		Filled	
LET 328	12	80	410	174	10.50	2858	104.00	67.0	269.0			17.2	29.3	6
LESTJ 5548	12	150	517	272	16.60	28815	107.60	126.0	504.0			34.1	54.6	6



ELECTRA

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, flexible oxidation-resistant gauntlet for higher performance and extremely long life
- Plates specially designed for better charge acceptance



Tall tubular battery



42-48 months warranty*



Factory charged battery in ready to use condition



Long & tubular plates give more back-up & longer life



High durability with sealed plastic housing



Easy maintenance with level indicators

Technical Specifications

Model	Nominal Rated Voltage Capacity @ 27°C (V) (Ah)		Dimensions of Container			Charging Current (Amp)		Electrolyte		Weight (Kg.)		Water Level Indicator (No.)
			Length (mm)	Width (mm)	Volume Height(Ltrs.)	Boost Mode	Trickle Mode	Dry	Filled			
										Max	Starting	
LETT 18000	12	145	503	189	36218.0014.107.10122.0	487				28.0	48.5	6
LETT 15036	12	150	503	189	41118.907.60126.0	50415.10				28.4	52.1	1
LE 18036TT	12	150	503	189	41121.007.60126.0	50415.10				33.0	57.0	6
LE 578 TT	12	155	503	189	41121.007.60126.0	50415.10				33.0	57.0	6
LE 568 TT	12	155	503	189	41121.007.60126.0	50415.10				31.0	56.0	6
LE 590 TT	12	175	503	189	41121.508.10134.0	53816.10				37.0	61.0	6
LETT 20060	12	200	503	189	41121.009.10151.0	60518.10				38.5	64.8	6
					41121.3010.10168.0	672						
					20.20							

Comparison Chart

Model Name	Product Rating	Total Warranty (Months)	Replacement Warranty (Months)	Dimensions in mm (LxWxH)	Back up time (in hrs. & minutes.)	MRP (₹)
Flat Plate						
LE 3539	135 AH	21+18*	21	505x220x258	2:10	11,790
LE 5539	150 AH	21+18*	21	505x220x258	2:50	12,550
Short Tubular						
LET 328	80 AH	24+6*	24	410x174x285	1:20	8,390
LESTJ 5548	150 AH	30+18*	30	517x272x288	3:00	14,150
LETT 18000	145 AH	30+12*	30	503x189x362	2:25	13,470
Tall Tubular						
LETT 15036	150 AH	18+18*	18	503x189x411	3:00	14,805
LE 18036TT	150 AH	36	36	503X189X411	3:00	15,720
LE 578 TT	155 AH	36+12*	36	503x189x411	3:00	16,900
LE 568 TT	155 AH	30+12*	30	503x189x411	3:05	14,910
LE 590 TT	175 AH	36+12*	36	503x189x411	3:35	18,200
LETT 20060	200 AH	36+12*	36	503x189x411	3:50	18,800

*Battery backup time @ 400 Watt standard bulb load.

Disclaimer :
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MSTECHNOLOGIES

Office: Plot No. : 64, HMT Hills Colony, NearbyTulasi Nagar
Community Hall, Kukatpally, Hyderabad-72
Telangana.IndiaTel: +91-9010777780, 9603777780

E-mail: mstsaleshyd@gmail.com, Website:
www.mstechnologiesups.com

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