

**LEADING
SINCE 1969**

LEADER
ENERGY TO PERFORM

Iconic legacy
of 55 years



www.leaderbattery.com

WHO WE ARE

PILOT INDUSTRIES LIMITED IS RENOWNED FOR MANUFACTURING THE BEST QUALITY LEAD AND LEAD ACID BATTERIES

Pilot Industries Ltd, formerly known as Pilot Batteries Industries has been creating milestones for over 55 years. Late. Shri Dwarka Prasad Agarwal laid the foundation stone on 18th Aug 1969 in New Delhi's Gokhale market. Starting out as a trader in battery components and raw materials, Lt. Mr. D.P Aggarwal established the company after completing his graduation from Kolkata.

The company reached new heights of success when it received the prestigious gold medal in 1984-85 from Trans World Trade Fair under the exemplary leadership of Lt. Mr. D.P Aggarwal from the President of India Shri Giyani Jail Singh. We have seen many ups and downs over these 55 years but the constant efforts of the team and the exceptional management skills of Lt. Mr. D.P Aggarwal along with his sons Mr. Sanjeev Aggarwal (M.D) and Mr. Sandeep Aggarwal (E.M.D), have constantly fueled the growth of the company, transforming it into a dynamic business house in India.

We embrace improvement and aim to provide solutions to our partners and clients with sincerity, integrity, and candour. We believe in self-reflection and self-criticism and ensure that we are on the right track in the face of an ever-changing future. Patience and dedication serve as pillars for us on our journey towards being the best in the industry.

The support of a reliable marketing team that has market leaders, professionals, and experts allows us to deliver products and services that meet the quality and performance aspirations of our clients cost-effectively.

In our philosophy, the product is embedded with quality right from the start and is strengthened throughout the value chain process. Engineering the best quality products that set benchmarks not just in India but globally too and a strong workforce which continuously strive for excellence ensures that the company progresses ahead.

MISSION & VISION

TOGETHER WITH OUR CUSTOMERS, WE'RE PUSHING THE BOUNDARIES OF ENERGY SOLUTIONS

Corporate Vision

Our vision is to strive for synergy between technology, quality, systems, and our people. We deliver products and services that meet the quality and performance aspirations of our customers while also being cost-effective. We aim to be the world's preferred battery firm providing the most creative and innovative energy solution consistently.

Corporate Mission

Our mission is to manufacture world-class products of outstanding quality that give our customers a competitive advantage and make them smile. ISO 9001 and ISO 14001 certifications ensure that our manufacturing procedure is efficient and suitable resources are available to implement, support, maintain and continually improve our systems.



Mr. Sanjeev Aggarwal
Managing Director

MANAGEMENT

We at "Pilot" believe that leadership is a quality ingrained in our belief system and our background. To accord you highest level of services and providing latest market feedback., our marketing and support team comprises of market leaders, Professionals and Experts in their respective fields, Pilot's mission is to strive for synergy between technology, system and human resources, to produce products and services that meet the quality, performance and price aspirations of its customers.

At the same time maintain the highest standards of ethic and social responsibility. The total Indian storage battery market is approximately estimated at US\$ 500 Million with the automotive battery segment contributing 60 to 65 percent of the overall market value, according to Frost & Sullivan research.

The past couple of years have been a roller-coaster ride for players in the Indian lead acid battery market. From being powered by virtual monopoly, this market has witnessed a slew of new product introductions, technology innovations, and the emergence of domestic competition, joint ventures, and corporate consolidations that have totally altered its landscape. The lead acid battery market can be divided into two broad market spectrums: industrial and automotive batteries and we strive to be no. 1 in this field.

We are committed to total customer satisfaction by identifying their specific needs, translating them into Quality products and providing dependable after-sales-services. This commitment is the corner stone of our Quality Policy and we strive to achieve it by putting into place a Quality System, which adheres to the ISO 9001 Quality Standard, and an environmental management system which adheres to the ISO 14001:2004 EMS standard.

We plan to achieve this goal through our strength – the Employees; and seek their continuous involvement in achieving the Company's objectives. I therefore, seek continued patronage of our valued customers, cooperation of our employees and thank our well-wishers who have contributed to the growth of the organization.

The mission is set.
Growth – Growth & Growth.



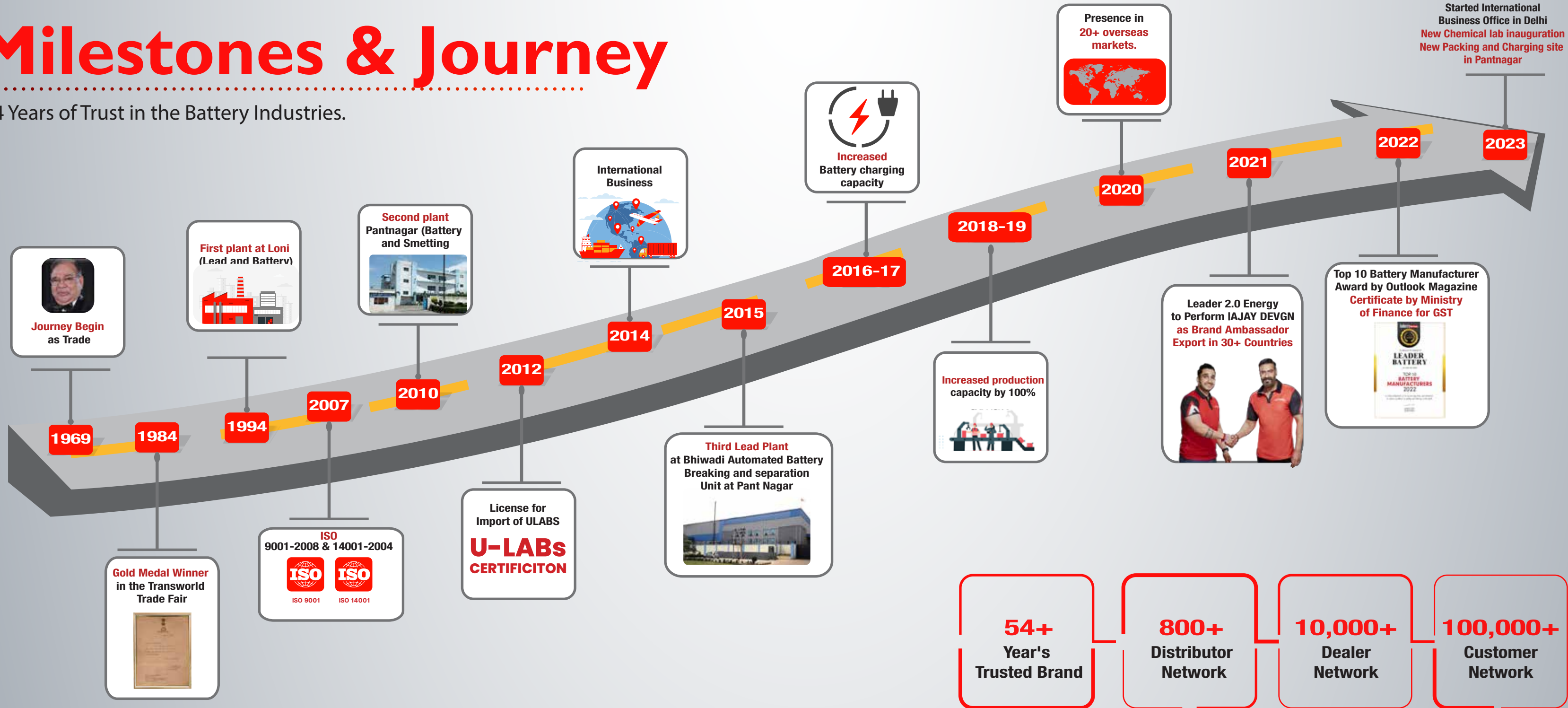
Ms. Aayushi Aggarwal Ranjan
Director



Mr. Chetan Ranjan
Director

Milestones & Journey

54 Years of Trust in the Battery Industries.



54+
Year's
Trusted Brand

800+
Distributor
Network

10,000+
Dealer
Network

100,000+
Customer
Network

ALLOYS

Lead Division



Pilot Industries Limited is a leading producer of Refined Lead & Lead Alloy Ingots in India, which are produced by recycling secondary lead battery scrap (ISRI- RAINS). The company collects local lead battery scrap and imports used battery scrap from various locations around the world. Our lead smelting plant in India is well equipped with advanced technologies and machinery units like Battery Breaking and Separation, Rotary Furnace, Lead Refining and Alloying Pots, Casting, OES spectrometer, etc.

Our state-of-the-art manufacturing substantiates stringent environmental norms in totality. Recycling of secondary lead, old used battery scraps, lead scraps like wheel weights, lead cable sheathings & smelting of lead concentrates, is carried out to produce pure lead and alloys.

Pilot has made a mark by offering worldwide recognized products that meet international standards. Pilot has an installed capacity to produce around 6000 Metric tons of Lead & Lead Alloy Ingots per month. Pilot is committed to providing the Clients with a competitive advantage through a continuous process of quality advancement in all areas of manufacturing. Such commitment is evidenced through a well-formalized Quality Management System accredited with ISO 9001 & ISO 14001.



Product Range

- Pure Lead (min.) 99.97% TO 99.985% PURITY
- Lead ANTIMONY Alloy
- Lead CALCIUM Alloy
- Lead TIN Alloy
- Lead GREY OXIDE
- Red LEAD



**Smelting
Refining
Alloying >>**

Products We Source

Pilot Industries Ltd currently offers its services to several government bodies and many multinational companies to dispose of any waste containing Lead.

Currently recycles following materials:-

- Lead acid battery scrap
- Lead battery plates as per ISRI Rails
- Mixed hard and soft lead scrap
- Lead / Remelted lead ingot
- Lead dross as per ISRI rents
- Lead concentrate





Battery Division

Battery Manufacturer in India – Leader Battery

Leading standardized and high-performance battery manufacturer

Pilot Industries Limited is a leading manufacturer and supplier of batteries. We offers an efficient range of Automotive battery, Inverter tubular battery, E-Rickshaw battery, Solar battery and plates. We are known for consistent quality standards. We precisely design and manufacture the offered range of products using superior quality components with the help of cutting-edge technology in adherence to international quality norms under the guidance of quality controllers.

The offered battery products are highly appreciated due to their features such as uninterrupted power supply, high performance, longer service life, trouble-free operation, and minimum maintenance. Further, these products are available in various specifications at market leading prices.

Infrastructure



Product Ranges

- Automotive batteries
- Tubular batteries
- UPS / Inverter batteries
- Solar batteries
- SMF VRLA batteries
- E-rickshaw batteries



Kamayi Full, Business Successful

Leader E-rickshaw Battery



Tested and approved by **ICAT**

S.No	MODEL	RATING	FILLED WT./(KG) +/-3%	DIMENSION +/-5MM			CHARGING CURRENT (Amp)	WARRANTY (in months)
				L	W	H		
FLAT PLATE BATTERIES								
1	LEO 1500+	120 AH	30.00	410	180	250	15	6
LONG LIFE TUBULAR BATTERIES								
2	LET 120E+	120 AH	34.00	410	180	290	13	12
3	LET 125E+	125 AH	34.00	410	180	290	13	12
4	LET 135E+	135 AH	36.00	410	180	290	13	12
5	LET 135 XT15 <small>NEW</small>	135 AH	37.00	410	180	290	13	15
6	LET 135 XT18 <small>NEW</small>	135 AH	38.00	410	180	290	13	18
7	LET 150E+	150 AH	37.50	410	180	290	15	12
8	LET 160 XT18	160 AH	38.00	410	180	290	15	18

NOTE: All dimensions are in mm

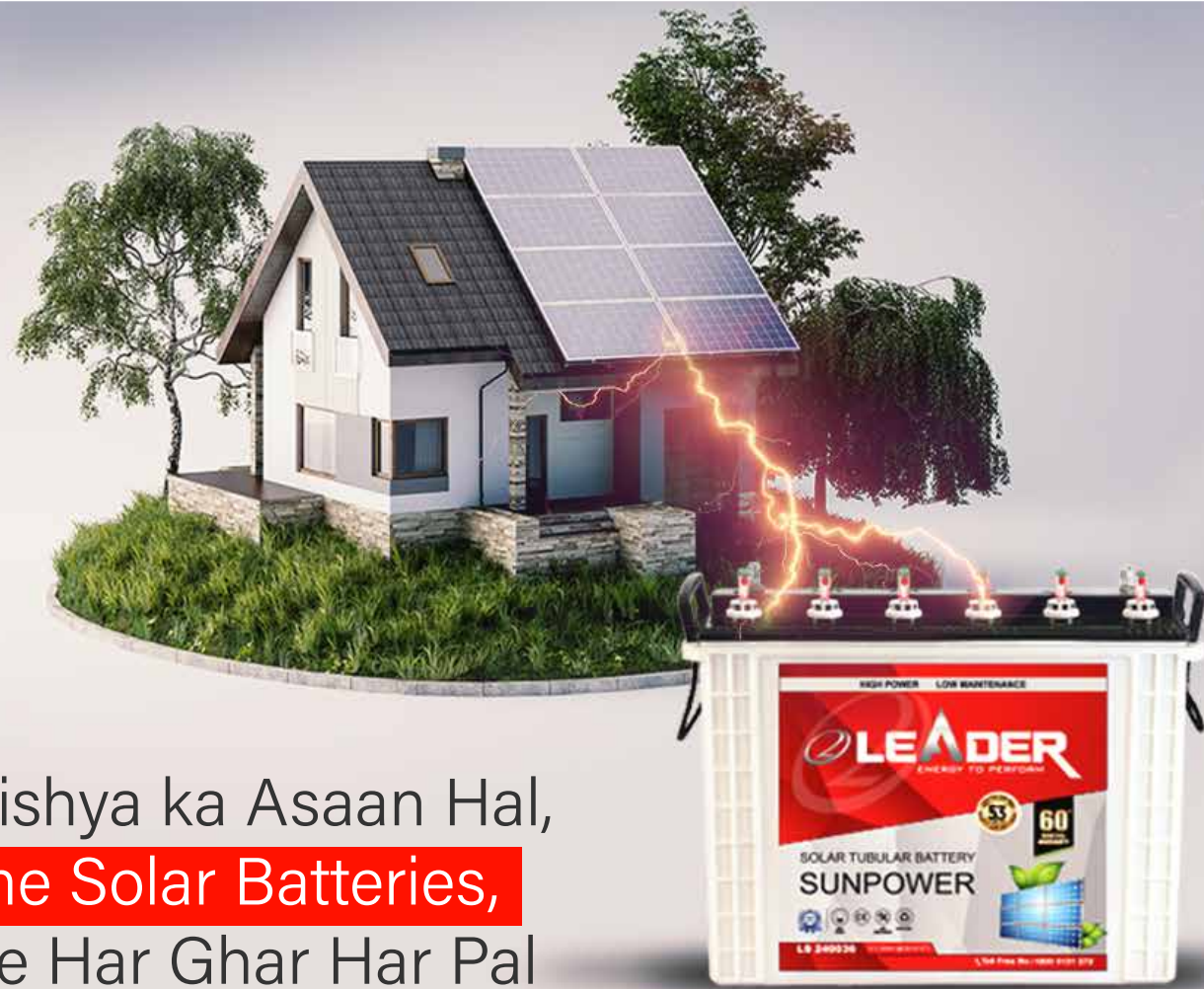
LEADER ER-TUBULAR BATTERY

ki PREMIUM range



Vth GENERATION
HEAVY DUTY ER-TUBULAR BATTERY PREMIUM RANGE

S.No	MODEL	CODE	SERIES	FILLED WT./(KG) +/-3%	DIMENSION +/-5MM			CHARGING CURRENT (Amp)	WARRANTY (in months)
					L	W	H		
LONG LIFE TUBULAR BATTERIES									
1	TUB 500	5095	VG120	35.5	410	180	290	13	12
2	TUB 600	5105	VG130	36.5	410	180	290	13	12
3	TUB 700	5115	VG140	37.5	410	180	290	15	12



Ujjwal Bhavishya ka Asaan Hai,
Leader Home Solar Batteries,
 Roshan Kare Har Ghar Har Pal

MODEL 12 Volt	AH	TYPE	Packed wt wt ± 3%	L	W	H	Height With float	Charging Current	Battery Layout
LS 2036	20	ST	14.50	260	170	235	255	2	L
LS 4024	40	ST	22.50	410	175	245	280	4	L
LS 4036	40	ST	23.00	410	175	245	280	4	L
LS 6036	60	ST	27.00	505	220	245	310	6	L
LS 7524	75	ST	34.00	505	220	295	310	7.5	L
LS 7536	75	ST	40.00	410	175	295	310	7.5	L
LS 10036	100	ST	41.00	505	220	295	315	10	L
LS 12036	120	ST	43.00	505	220	295	315	12	L
LS 15036	150	TT	57.00	505	190	410	430	15	L
LS 150024	150	TT	55.00	505	190	410	430	15	L
LS 150036	135	TT	57.00	505	190	410	430	13.5	L
LS 180036	150	TT	58.00	505	190	410	430	15	L
LS 200036	180	TT	62.00	505	190	410	430	18	L
LS 240036	200	TT	63.00	505	190	410	430	20	L
LS 150060	135	TT	57.00	505	190	410	430	13.5	L
LS 180060	150	TT	58.00	505	190	410	430	15	L
LS 240060	200	TT	63.00	505	190	410	430	20	L

Harr Ghar Se Andhera Kare Door
Leader Home Inverter Batteries
 Power Cuts Ko Rakhe Door



INVERTER BATTERIES											
S.No	Battery Models	Normal Voltage	Rating	Total Warranty (Months)	Dimensions in mm (±5mm)				Battery Layout	Charging Current	Packed Wt. (kg) ±3
					L	W	H	Height with Float			
SHORT TUBULAR BATTERIES (INSTA POWER)											
1.	LSTJ 2048 PLUS	12	180Ah	24 + 24*	515	270	295	315	L	12	54.0
2.	LSTJ 16500	12	150 Ah	24 + 24*	505	220	295	315	L	12	41.0
3.	LSTJ 14500	12	135Ah	24 + 24*	505	220	295	315	L	12	43.0
TALL TUBULAR BATTERIES (INSTA POWER)											
4.	LITT 27066	12	240 Ah	42 + 24*	505	190	410	430	L	14	67.0
5.	LITT 25066	12	210 Ah	42 + 24*	505	190	410	430	L	14	63.0
6.	LITT 24048	12	200 Ah	24 + 24*	505	190	410	430	L	14	63.0
7.	LITT 21066	12	180Ah	42 + 24*	505	190	410	430	L	13	58.0
8.	LITT 16063	12	160 Ah	39 + 24*	505	190	410	430	L	12	57.0
9.	LITT 18054	12	150 Ah	30 + 24*	505	190	410	430	L	12	55.0

FROM THE HOUSE OF LEADER



INDIA'S LARGEST INTREGATED MANUFACTURING FACILITIES

- In house Raw Material / Pure Lead Manufacturing till finished batteries
- State-of-the-art manufacturing plants (2 Numbers) spread over 10,00,000+ sq. ft. area
- Best Testing Facilities from Pure lead testing to Finished Battery life cycle testing
- Manufacturing capacity of 1.5 Milion Tubular batteries per annum



Lead Smelling



Rotary Furnace



Pure Lead manufacturing



Fully automatic PDC/GC



Paste Mixture Machine



Assembly Line Capacity
1.5 M Batteries Annual



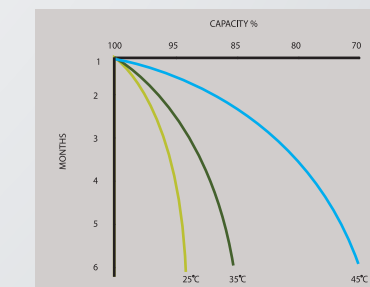
State of The Art Testing
facilities



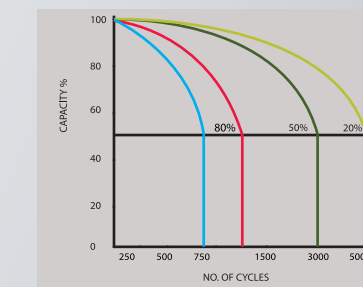
Spectrophotometer Lead Purity
analysis



Life Cycle Tester
(Testing Conditions-18 to 65 C)



Self Discharge At Different Temp.
for C 10 Tubular battery



Life CYCLES at different DOD

Depth of Discharge	No. of Cycles
80%	1500
50%	3000
20%	5000

- ISO 9001:2015
- ISO 14001:2015



A Commitment Towards Serving You

Whether it's a product repair or just some help and advice, We have many service points located all across India. All our staff is fully trained and uses genuine parts in all repairs or replacements.

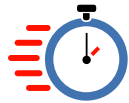
All products of Leader Batteries come with the Manufacturer's warranty & are serviceable at all Leader Authorized Service Centers across India.



Pan India ASD



Service Excellence



Quick Resolution

LEADER CARE

Warranty Registration Made Easy



Toll-Free No: 1800-3131-272
Direct No: +91-9650474040



care@leaderbattery.com



+91-9650474040

After registering the complaint, the company service engineer will visit your place at the earliest to provide the desired service.

If the said product will out of warranty then same would be charged accordingly.

The warranty period of Leader products starts for the date of sale/date of installation whichever is later.

Paperless warranty:

Leader Batteries provides its customers with a convenient way to digitally claim a warranty on purchased products. Once registered digitally, you wouldn't need to show an invoice copy or warranty card while the visit the service engineer.

How to register for a paperless warranty:

To register for a paperless warranty, please contact your purchase point – Dealer/Distributo

CSR ACTIVITY



**CHILD CARE DEVELOPMENT
FOUNDATION**

Vision & Mission

Child Care & Development Foundation (CCDF) is a non-profit, non-government, and voluntary organization committed to the care & development of street children.

CCDF is a group of qualified, hardworking, dedicated, like-minded people trying to make a difference in the life of the underrepresented, disadvantaged, and marginalized sections of society. It has been established to work as a platform to channelize & make optimum use of the resources and infrastructure available and people's desire to give back to society a bit of what they owe to it.

Initiative by CCDF

The area of Chander Vihar & Mandawli, Patparganj is home to several hundred children, most of whom are working as beggars, rag pickers, workers in factories, or assisting their parents/families in sundry jobs. Often, they have little choice but to work, given the dire poverty they live in and the families or sibling they must support. Many of these are forced to work under very exploitative conditions by strongmen who link earnings with space to live and exploit these children. For example, junk dealers of the area do not allow the children to go to study as they may give up this profession. Besides, a sizable number of these children are also forced to live in Delhi under very stressful circumstances, which also stops them from trying to access education or a better life. We are confident that the impact of this initiative would be beneficial for the human being as a whole as through this our main objective is the overall development of street children, besides this, it will contribute perpetually towards the development of our society as well as our nation through an educated task-force.

Child Care & Development Foundation (CCDF) undertook a small initiative with 114 children in order to help them get access to education and to solve such problems that stopped them from coming to the classes we hold. These classes were rescheduled in the afternoon, near their place of residence to enable them to continue. The syllabus was structured to help a mixed group learn basic minimum requirement.

A promise
of a true

LEADER

ENERGY TO PERFORM



CORPORATE OFFICE

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CBD Ground, Shahdara, East Delhi
110032

INTERNATIONAL BUSINESS OFFICE

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New Delhi-110030

MANUFACTURING UNIT

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