MaxVolt Energy®

Energizing future

MaxVolt Energy Industries Limited

Powering Tomorrow,
Rebuilding Every Battery.

Manufacturing | Second Life Usage | Material Recovery & Recycling

Investor Presentation · May 2026

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MaxVolt Energy®
Energizing future

Company Overview

Our Commitment to a Sustainable Future

Mission

Our vision is to build India’s most trusted and sustainable lithium ecosystem one that ensures every battery manufactured is utilized to its fullest potential, responsibly repurposed at the end of its life, and efficiently recycled to recover critical materials. Through this circular approach, we aim to power the next generation driving a greener, self-reliant future for India.

Vision

Our vision is to drive the transition to sustainable energy by delivering integrated, low-emission solutions that power urban transport, support renewable energy, and prioritize safety through non-hazardous materials like lithium. Through material recovery, battery repurposing, and support for high-demand applications, we enable a circular and profitable lifecycle - advancing a greener, more resilient future.

Company Snapshot

14,000+ Batteries
Manufactured Per Month

Pan-India Network of
875+ Dealers

Trusted by
30+ OEM Partners

Towards a Greener Future with **Circular Battery Solutions**

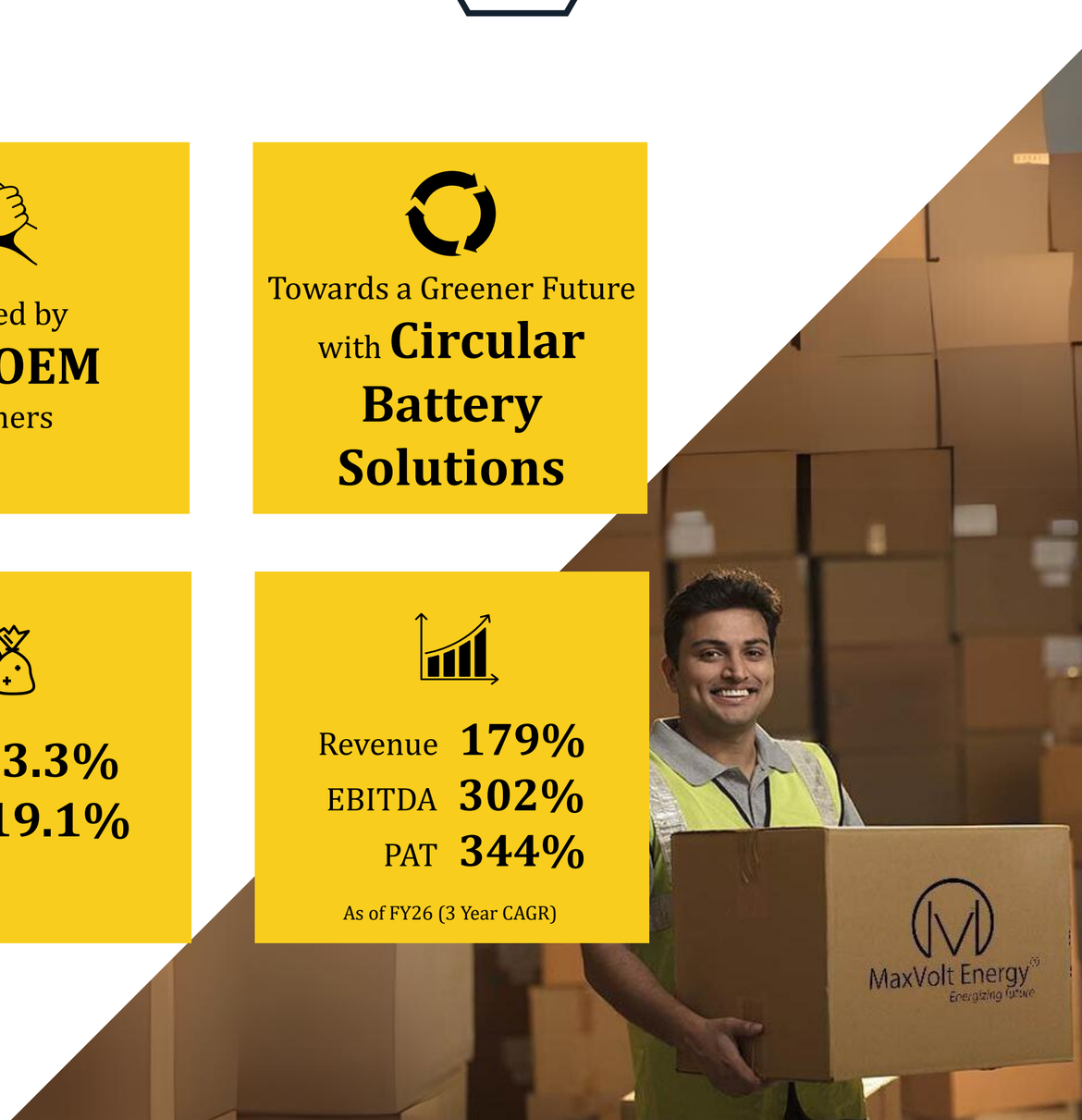
- **ISO 9001:2015 Certification**
- **AIS 156 Certification**

Employee Strength
380+

ROE **23.3%**
ROCE **19.1%**

Revenue **179%**
EBITDA **302%**
PAT **344%**

As of FY26 (3 Year CAGR)



Business Overview

- **Incorporated in 2019**, the Company specializes in manufacturing **high-quality lithium-ion battery packs** under its flagship brand **“MaxVolt Energy”.**
- Our battery solutions are widely used **in E-Scooters, E-Rickshaws, and E-Cycles**, as well as in **Energy Storage Systems for Solar** and **portable electronic devices**, reflecting our versatile product capabilities.
- **Focuses on battery pack manufacturing over cell production**, offering greater flexibility, faster scalability, and collaboration with global cell suppliers. Our customized solutions serve EVs, ESS, solar, telecom, and industrial applications
- In addition to standard offerings, we develop customized battery packs tailored to the specific technical and performance requirements of OEMs and industrial clients across sectors.
- We also design, manufacture, and supply **battery chargers and inverters**, allowing us to maintain full control over product innovation and quality.
- Our manufacturing facility is **ISO 9001:2015 certified**, and is fully equipped with advanced machinery, quality testing labs, and logistics infrastructure.
- With an installed capacity of **600 -750 MWh (depending on product type)** including **a newly commissioned 55,000 sq. ft. facility** alongside our existing Ghaziabad plant, we are steadily expanding production capacity and evaluating new sites for further scale.
- With the new Ghaziabad plant, MaxVolt has **expanded its footprint in the ESS segment**, delivering fully customized MW-scale battery solutions for industrial, renewable, and grid applications
- By recovering materials, repurposing used batteries, and powering high-demand applications, we support a sustainable and profitable lifecycle for lithium-ion batteries - advancing the principles of the **circular economy**.
- We operate through a diversified sales and service network, comprising **authorized dealers, distributors, and OEM channels**.
- **Research and Development (R&D)** is at the heart of our efforts, driving innovation in battery technology and sustainable solutions to support a greener future.

Milestones & Growth

2019

- The First Prototype was Made
- Setup of Unit with Per Day 15 batteries Capacity
- First MaxVolt Energy Pack on to Production Trial

2020

- Start First Supply to Hyderabad based OEM
- Signed up 3 Retail Dealers
- Enhance Production capacity to Per Day 20 Battery
- Setup First Service Centre at Bangalore Karnataka

2021

- Established 14 Retail Dealers, 2 Authorized Service Centers, and 3 OEMS Supply
- Reached to 22 Retail Dealers / Distributors Point, 7 Service Centers and 04 OEM Supply.

2022

- Enhanced production capacity up to 50 batteries per day
- Set up an R&D Centre to support upcoming tech-driven market needs.
- Signed up 32 Retail dealers, 4 OEMs supply

2023

- Onboarded 58 Retail Dealers across key regions
- Established Supply Partnerships with 6 OEMs
- Set Up 6 Dedicated Service Centers for faster customer support
- Developed New Battery Pack compliant with latest AIS 156 Government Safety Norms

2024

- Launched Eco-Series affordable lithium-ion batteries for wider accessibility.
- Achieved AIS 156 Certification for enhanced safety compliance.
- Reached a monthly production capacity of 2,200–2,500 lithium-ion batteries.

2025

- Listed on NSE SME Emerge Platform
- Crossed INR 100 CR + Revenue Milestone
- Team strength grew to 320 members.
- Monthly production capacity has surpassed 12,500 battery packs.

2026

- Expanded monthly production capacity to 14,000+ battery packs
- Strengthened distribution footprint to 875+ dealers/distributors alongside 30+ OEM partnerships
- Team strength grew to 380 members.
- **176% Revenue growth compared to FY25**

Battery Solutions for Every Mobility Need

E- Rickshaw Battery

E- Cycle Battery

E- Scooter / Bike Battery

Rechargeable Lithium Batteries

ISO Certified

Warranty Support

Silent Operation

Fire Safe

Active Equalizer

Wide Temperature range

Low Carbon Footprint

Smart Bluetooth Connect

What Sets Us Apart in Battery Solutions

Reliable Lithium Battery Solutions for Demanding Conditions

With Customer-Centric Service and Smart Features

Second life re-usability

Offering sustainable, personalized battery solutions for all segments with second-life reusability, wear- resistance, and recycling to promote a circular economy.

Competitive Battery Cost with enhanced features

Our batteries come in various configurations, integrated with key safety features including Active Balancer & Thermal Pads

Reduced Service TAT

Our intelligent BMS monitors battery health in real-time, allowing prompt issue detection and resolution. Batteries are replaced within 48 hours post-complaint, backed by rapid parameter checks

DoD for better cycle Life

Our batteries operate at an 85% Depth of Discharge, enhancing their lifespan and delivering up to 25% more life cycle.

Fast Charging, Better Range, more cycles

A high-energy battery that charges significantly faster than its competitors. Comparatively, the ratio of cells is 5000/3000 MAH.

Innovative Battery Applications with Distinct Features

Portable Battery Solutions

Batteries for Medical Devices

Solar Energy Storage Solution

Battery for Inverter

Solar Application Solutions

- Zero Pollution 100% Eco Friendly
- Customizable Size & Shape
- Fast Charging
- Water Resistant
- Easy Installation
- Light Weight & Very Compact Size
- Long Life Up to 10 Years
- Zero Maintenance

One Power Source: Endless Applications

Efficient Solar Battery Systems
Smart *solar energy solutions* for reliable lighting day and night

Telecom Battery Systems
Telecom-grade backup power for seamless connectivity

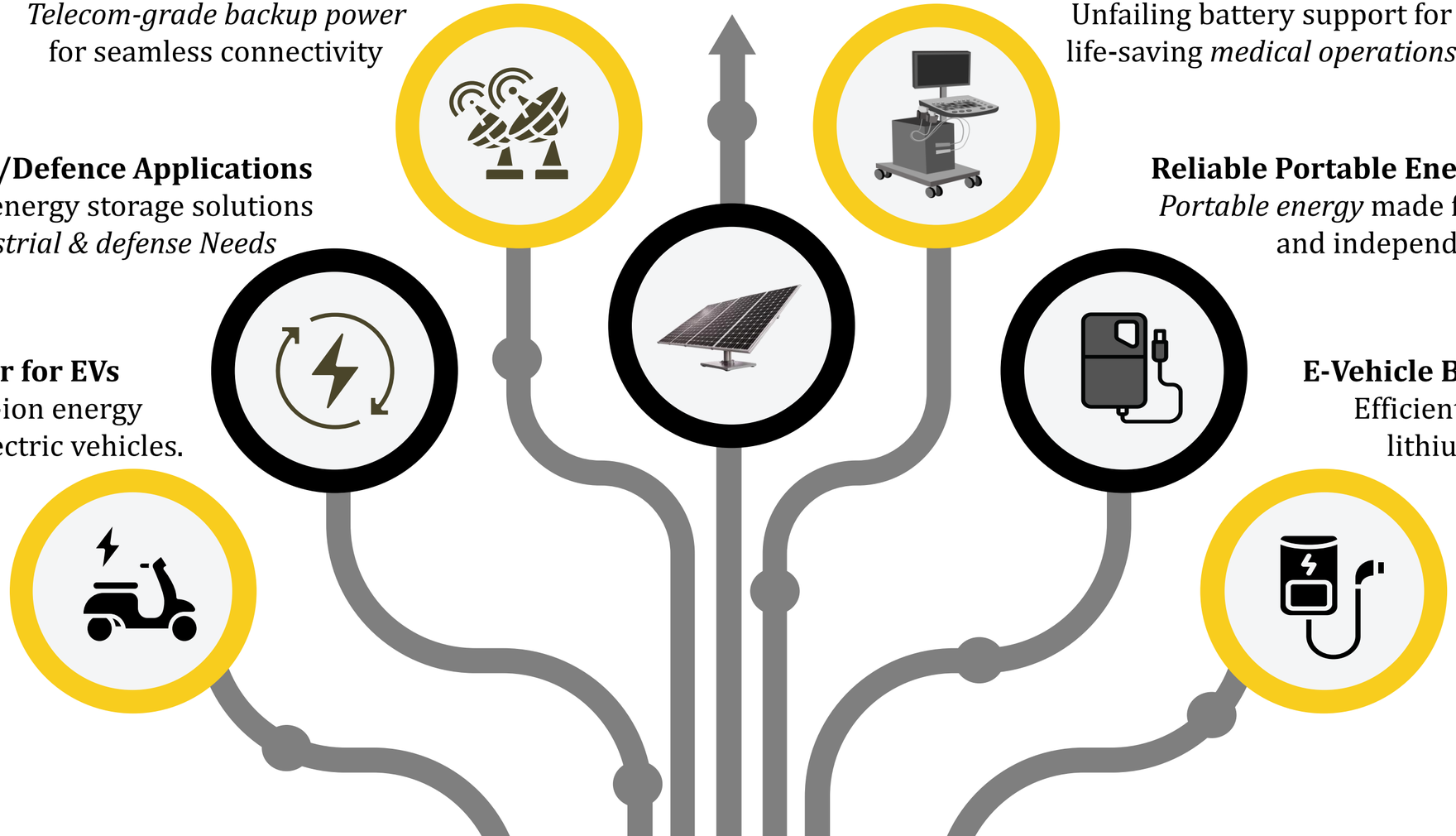
Powering Medical Devices
Unfailing battery support for life-saving *medical operations*

Industrial/Defence Applications
Advanced energy storage solutions for *industrial & defense Needs*

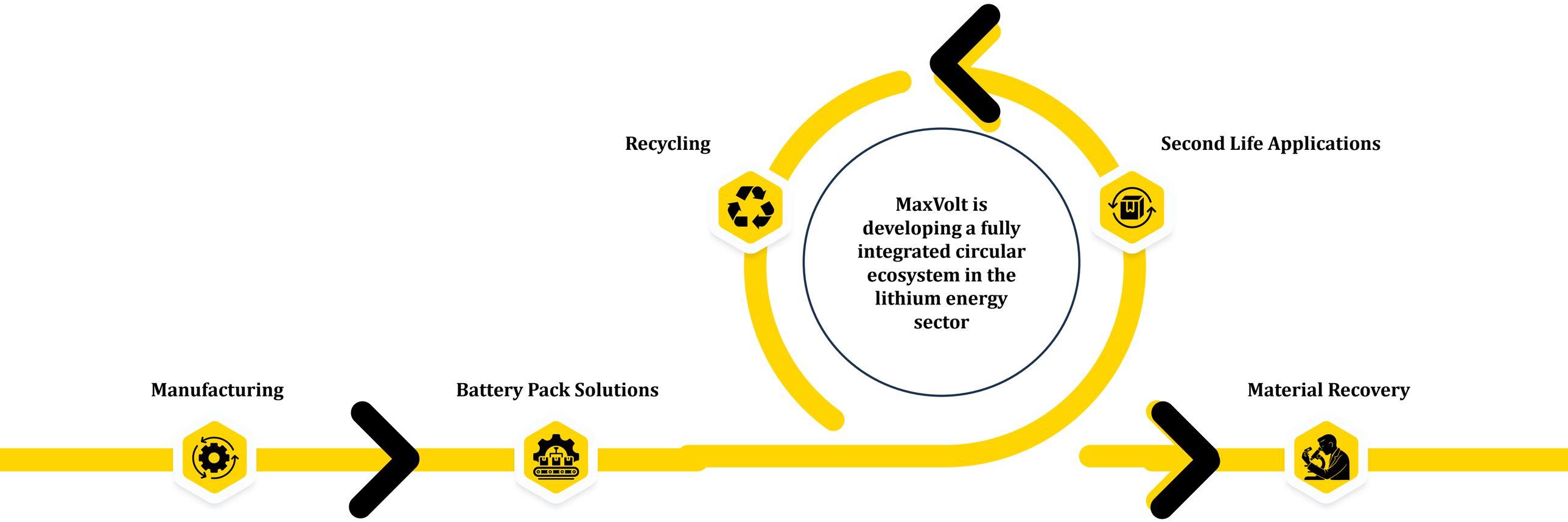
Reliable Portable Energy Solutions
Portable energy made for movement and independence

Lithium Power for EVs
Reliable lithium-ion energy systems for light electric vehicles.

E-Vehicle Battery Chargers
Efficient chargers for lithium-ion EVs.

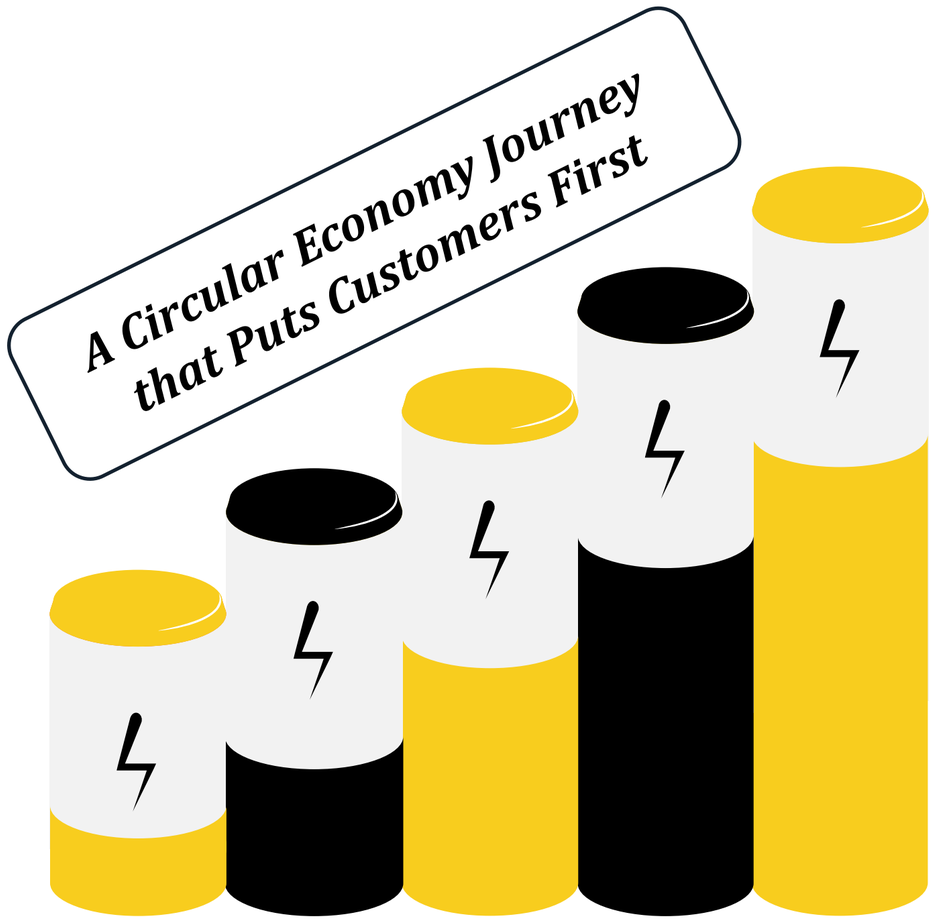


End-to-End Circular Lithium Ecosystem



Key benefits: 1) Reduces waste & maximizes resource efficiency 2) Recovers valuable metals to support raw material security 3) Generates carbon credits & strengthens ESG profile.

MaxVolt Ecosystem of Empowered, Satisfied Consumers



BUY

Customers across 1300+ pin codes gain access to MaxVolt's high-performance lithium-ion batteries through a robust network of 875+ trusted dealers, ensuring availability and prompt service across regions.

USE

Experience reliable energy output across various applications – EVs, solar systems, and home storage – with Industry-leading uptime.

RETURN

When the battery reaches end-of-life, customers return it to MaxVolt and instantly receive cashback of the original value.

REPURPOSE

Returned batteries are tested, reprocessed, and repurposed into energy storage systems, backups, or electronics – extending utility.

SAVE

Customers benefit from lower lifecycle costs, and together we reduce e-waste – building a greener, smarter future.

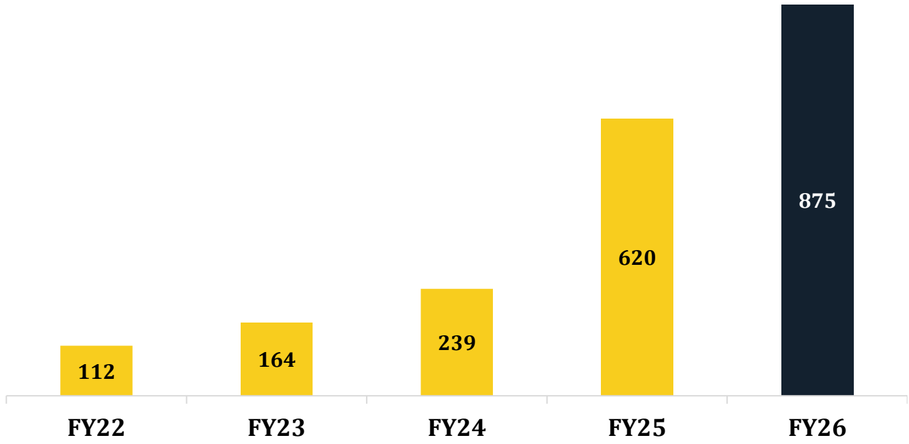
Energizing India: MaxVolt Expanding Nationwide Footprint

Advancing Nationwide, Aiming Worldwide

We have established a strong presence across India, moving toward full national coverage, and is **now gearing up to enter export markets**, expanding its reach across Southeast Asia, the Middle East, and Africa.

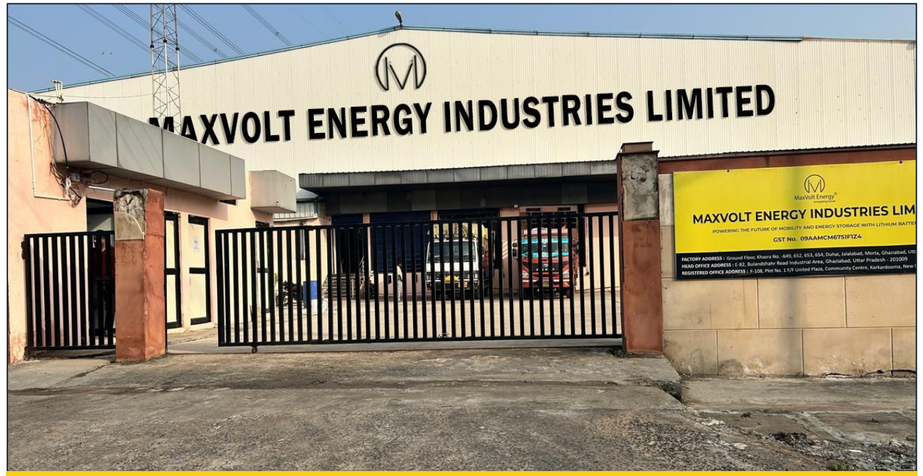
3,00,000+	Satisfied Clients
10+	Warehouses
875+	Dealer Distributor Network
1300+	Pin-code Onsite Services Network

Increase in Dealer/Distributor Network

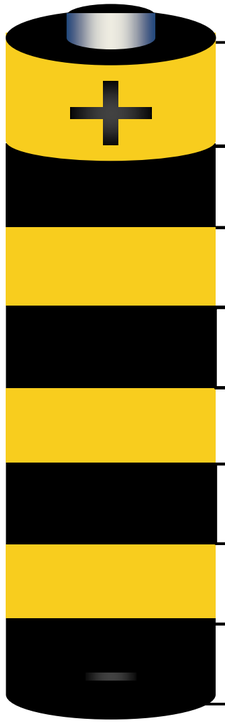


Advanced Lithium Battery Production Hub

To your right: Existing Manufacturing Facility



55,000 sq. ft. New Manufacturing Facility



- Focused on delivering **lithium batteries** for diverse industry requirements.
- **25,000 Sq. Ft.** Manufacturing Facility
- **55,000 sq. ft.** new facility at Ghaziabad
- **10+** Warehouses
- **14000+ Batteries** Monthly Production
- **600-750 MW** Production Capacity (depending on product)
- Driven by **380+ dedicated employees**
- Certified with **AIS 156 Certification**

End-to-End OEM Battery Solutions

1. Strategic sourcing of high-quality materials and components

2. Custom battery design tailored to specific applications

3. Comprehensive testing, validation and certification support

4. Efficient reverse logistics and service claims management

5. Structured buyback and sustainability support

6. End-to-end EPR compliance support

7. Reliable after-sales service and technical assistance

A Glimpse of Our Collaborations

17

Professional Recognition

ISO 9001:2015 Certification

Certificate

This is to Certify that

MAXVOLT ENERGY INDUSTRIES LIMITED

E-82, BULANDSHAHAR ROAD INDUSTRIAL AREA, GHAZIABAD – 201009, UTTAR PRADESH, INDIA

has been found in Compliance with requirements of

Quality Management System

ISO 9001:2015

for the following scope:

MANUFACTURER OF LITHIUM BATTERIES FOR ELECTRIC VEHICLES, ENERGY STORAGE SOLUTIONS, ELECTRONIC GADGETS, MEDICAL EQUIPMENTS AND LITHIUM CHARGES.

Certificate No.	: QCC/0D8B/0224
Issue Date	: 20-February-2024
1st Surveillance Due	: 19-January-2025
2nd Surveillance Due	: 19-January-2026
Expiry Date	: 19-February-2027

To check this certificate status visit: "https://qccertification.com/Client.aspx"

Authorised Signature

Quality Control Certification

2nd Floor, Aman Market, Narela Mandi, Delhi - 110 040, India

Website: https://qccertification.com

Certification Body QMS 0004

EAS is member of International Accreditation Forum (IAF)

"Quality Control Certification (QCC)" accredited by "Ethiopian Accredited Service (EAS)".

This certificate remains the property of "QCC" to whom it must be returned on request.

MSME UDYAM Registration Certification

10/2/24, 6:44 PM Print : Udyam Registration Certificate

भारत सरकार

Government of India

सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय

Ministry of Micro, Small and Medium Enterprises

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER: UDYAM-UP-28-0011887

NAME OF ENTERPRISE: M/S MAXVOLT ENERGY INDUSTRIES LIMITED

TYPE OF ENTERPRISE *

SNo.	Classification Year	Enterprise Type	Classification Date
1	2024-25	Small	27/04/2024
2	2023-24	Small	09/05/2023
3	2022-23	Micro	26/06/2022
4	2021-22	Micro	16/05/2021

MAJOR ACTIVITY: MANUFACTURING

SOCIAL CATEGORY OF ENTREPRENEUR: GENERAL

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	MAXVOLT ENERGY INDUSTRIES LIMITED

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	82	Name of Premises/ Building	BULANDSHAHR ROAD
Village/Town	INDUSTRIAL AREA	Block	BLOCK-E
Road/Street/Lane	BULANDSHAHR ROAD	City	GHAZIABAD
State	UTTAR PRADESH	District	GAUTAM BUDDHA NAGAR , Pin 201009
Mobile	9810406453	Email:	bhuvneshwar@maxvoltenergy.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 09/05/2019

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 09/05/2019

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	27 - Manufacture of electrical equipment	2720 - Manufacture of batteries and accumulators	27201 - Manufacture of primary cells and primary batteries nd rechargable batteries, cells containing manganese oxide,	Manufacturing

https://udyamregistration.gov.in/Udyam_User/Udyam_PrintApplication.aspx 1/5

AIS 156 Certification

Non-transferable

NATRAX

राष्ट्रीय मोटर वाहन परीक्षण ट्रैक (राष्ट्रीय मोटर वाहन बोर्ड, भारी उद्योग मंत्रालय, भारत सरकार के अंतर्गत)

NATIONAL AUTOMOTIVE TEST TRACKS

(Under National Automotive Board, Ministry of Heavy Industries, Govt. of India)

N R 0448

Date: 10-Dec-2024

TYPE APPROVAL CERTIFICATE

(For compliance to AIS - 037)

Cert.	Dwg.	Total
02	01	03

1	Name of the Customer	M/s. MAXVOLT ENERGY INDUSTRIES LIMITED
2	Address of the Customer	F-108, Plot No.1F/F United Plaza, Community Centre, Karkardooma, East Delhi, New Delhi-110092
3	Manufacturer Name & Plant Address	M/s MAXVOLT ENERGY INDUSTRIES LIMITED E-82, Bulandshahr Road, Industrial Area 1, Ghaziabad, Uttar Pradesh- 201009
4	Description of the Test Component	REESS (Battery Pack)
4.1	Battery Trade Mark	MAXVOLT ENERGY
4.2	Battery Model No.	MEIPL62929
4.3	Battery Type	Lithium-ion NMC Battery
4.4	Battery Nominal Voltage	62.9 V
4.5	Battery Capacity	28.6 Ah
4.6	Cell Manufacturer Name	HENGDIAN GROUP DMEGC MAGNETICS CO., LTD.
4.7	Battery Drawing No.	MEIL-CAAB-X62.9-Y29-DR001-REV002
5	Pre-test Inspection Report No.	NATRAX/PTIV/TB/0049, dated 03-10-2024
6	Applicable Notified Standard	AIS-156(Part II) 2020 amendment 3 Phase 2
6.1	Test Sample Applicability on Vehicle Category	Battery operated Vehicle -**L1 & L2 Category only.**
6.2	Test Report No.	N T 0 B-Li R 0142, dated- 06.12.2024
7	Details of Quality Management System (QMS)	Sr. No. 1; Type Of QMS: ISO 9001:2015; Certifying Agency: EAS; Certificate No.: QCC/0D8B/0224; Validity up to: 19.02.27
8	Approval	Granted
9	The CoP period for the Component mentioned in Sr. No. 4 above shall begin from the date of commercial production & 1st CoP shall be completed before 30th Nov 26.	

NATRAX File Reference: NATRAX/TB/24-25/104 — *Please turn over for DISCLAIMER*

Authorized Signatory: — *Format no. NATRAX/TB/TAC/2023-01*

Umesh Raghuwanshi	Kiran Mulki		Dr. Manish Jaiswal
Asst. Manager	Principal Er-Homologation	*Page 01 of 02*	Director

कार्यालय: आगरा – मुम्बई मार्ग (एन.एच. 52), पिथमपुर फ्लाईओवर के आगे, पोस्ट–खण्डवा (पिथमपुर के पास), जिला–धार –454774 (म.प्र.)

Office: Agra – Mumbai Highway (NH – 52), Next to Pithampur Flyover, Post- Khandwa (Near Pithampur), Dist. Dhar (M.P.) – 454774 Tel: 09893 892 310, Website: www.natrax.in

मुख्य कार्यालय: दूसरी मंजिल, प्रशासनिक भवन, आईकेट परिसर – II, सेक्टर – 11, आई. एम. टी. मानेसर, गुरुग्राम, हरियाणा – 122051

Corporate Office: 2nd Floor, Administrative Building, ICAT Campus-II, Sector-11, IMT Manesar, Gurugram, Haryana – 122051 Tel: 01246 900 000, Website: www.natrip.in

Driving Brand Visibility at Premier Industry Events

EV EXPO DEC 2025

RIDE ASIA APR 2026

Our Leadership

Mr. Vishal Gupta
(Co - Founder, Chairman & Whole Time Director)

Mr. Vishal, a Mechanical Engineering graduate with a specialization in E-Vehicle Batteries from IIT Delhi, leads Operations and R&D, driving innovation in lithium battery technology

Mr. Bhuvneshwar Pal Singh
(Co - Founder, MD & CFO)

Mr. Bhuvneshwar, a B.Com. graduate, has been with the company since 2020 and oversees finance, accounts, and operations, contributing to both short- and long-term financial strategy.

Mr. Satendra Shukla
(Co – Founder & CEO)

Mr. Satendra, an MBA in Finance and a seasoned Business Analytics professional, brings over 12 years of expertise across finance, analytics, and business development.

Mr. Sachin Gupta
(Chief Operating Officer)

Mr. Sachin, MBA–Finance and IIM Lucknow certified (SLP), brings 20+ years of senior leadership experience in business growth, strategy, finance, and risk management.

Key Managerial Personnel

Mr. Mukesh Gupta
(CMO & CHRO)

Mr. Mukesh, a graduate with 14 years of experience, serves as both Chief Marketing Officer and Chief Human Resources Officer, overseeing the company's overall marketing strategy and HR management.

Mr. Narendra Shukla
(Business Development Head)

Brings over 15 years of rich experience in business development and strategic partnerships across diverse industries. He is instrumental in strengthening key relationships, and spearheading business expansion initiatives.

Mr. Pawan Jha
(National Sales Head)

Brings over 17 years of experience in retail sales, channel expansion, and business growth across diverse industries. He is instrumental in scaling nationwide dealer-distributor network and strengthening market presence.

Ms. Payal Jain
(Lead Research Engineer)

Brings over 8 years of experience in battery technology research and innovation, complemented by her strong academic foundation from IIT Roorkee. She leads key R&D initiatives focused on advancing next-generation energy storage solutions.

MaxVolt Energy®
Energizing future

Strategic Overview

Key Initiatives Driving MaxVolt Future Readiness

Strategic Entry into Battery Recycling
Launch a battery recycling line to reduce costs, enable reuse of materials, and enhance delivery timelines and margins.

Strengthen R&D and Drive Innovation
Enhance R&D capabilities to develop high-efficiency, eco-friendly products and meet evolving customer expectations.

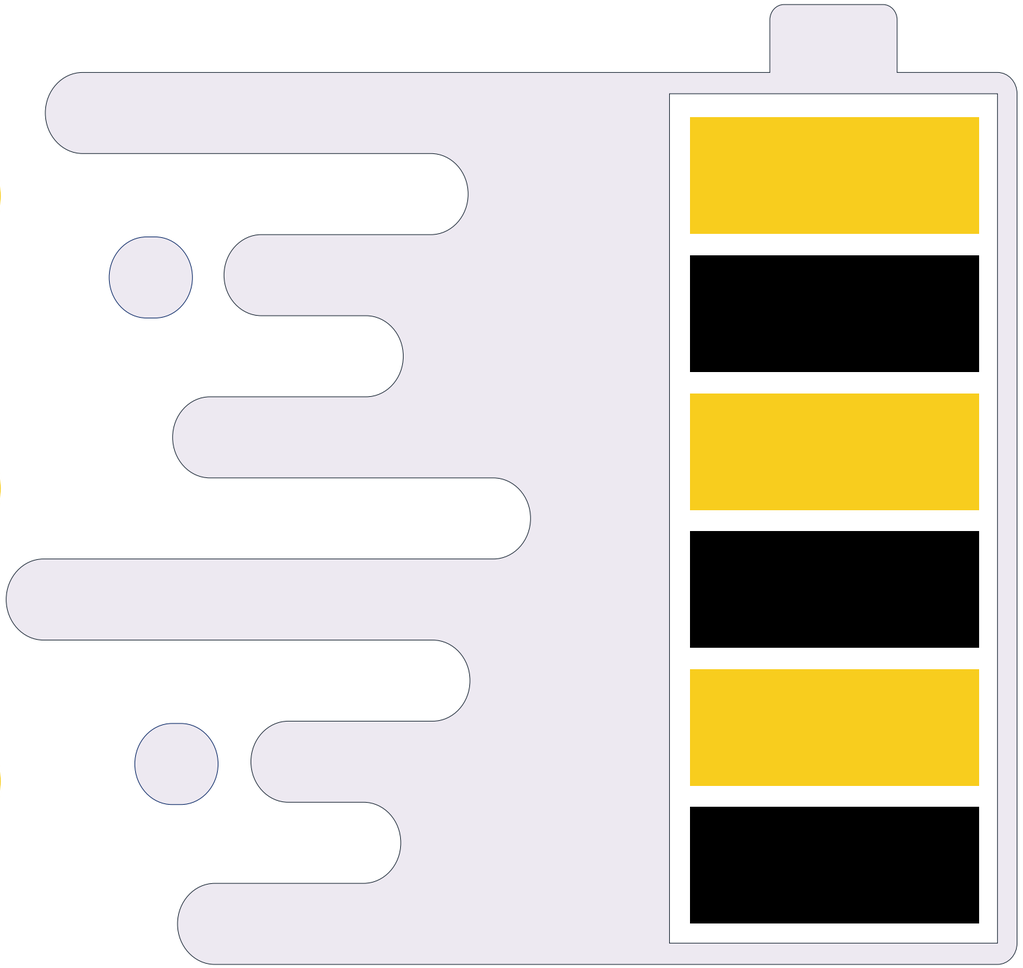
Expand Manufacturing Capacity
Increase production scale through automation and capital investment to meet rising demand and reduce lead times.

Scalable Growth with Policy Support
Align with India's clean energy goals and scale operations efficiently by leveraging national incentives and infrastructure support.

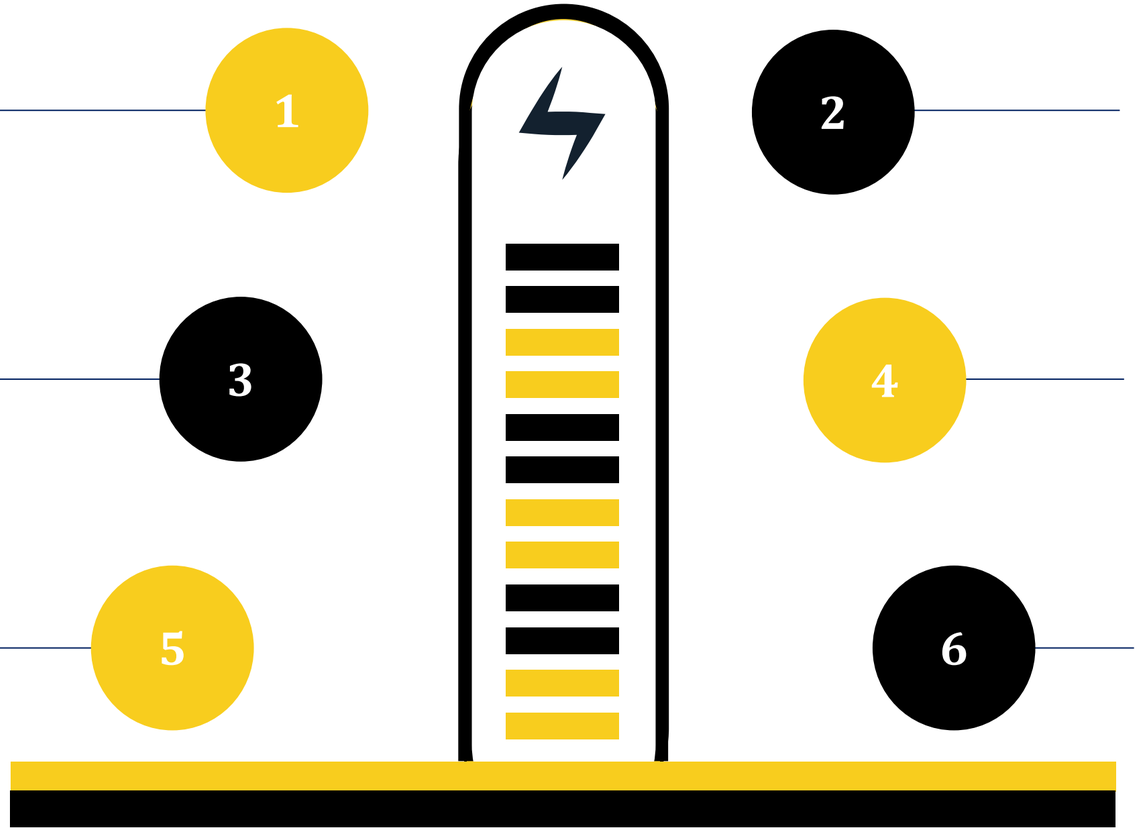
Grow Customers & Markets
Strengthen existing partnerships while acquiring new customers through trade shows, lead generation, and timely delivery.

Enhance Digital & Data Capabilities
Invest in digital tools, automation, and data-driven systems to enhance decision-making, customer insights, and operational control.

Expand Reach & Product Mix
Focus on increasing sales through volume-driven growth and expanding product offerings for new market segments.



Powering Success: Our Core Strengths



1

Certified Quality Control

ISO 9001:2015 certified systems ensure consistent and high-performance battery output

2

Comprehensive Product Portfolio

Offering lithium battery solutions across EVs, ESS, medical, and more - with customization options

3

Customer-Centric Innovation

We design tailor-made battery solutions to meet specific client requirements and applications.

4

Automated Manufacturing Facility

An ISO-certified Ghaziabad facility complemented by a newly added 55,000 sq. ft. plant, ensures scalable & efficient production.

5

Nationwide Dealer Network

A widespread & growing dealer network of 875+ partners ensures strong market reach and fast product availability.

6

Leadership with Vision

Promoters with 100+ years of combined expertise in finance, operations, marketing, and technology drive strategic growth and excellence.

Complete Closed-Loop Circular Economy Model

Source → Design → Manufacture → Distribute → Service → Finance → Recover → Recycle → Reuse

01

Sourcing & Supply Chain

- Diversified global sourcing partnerships
- Reduced dependency on any single geography
- Customized material procurement aligned with product requirements

02

R&D & Product Development

- Dedicated New Product Development (NPD) team
- Backed by IIT graduates, PhDs, and industry specialists
- Focused on innovation, safety, product design, and performance optimization

03

Manufacturing & Distribution

- Integrated manufacturing capabilities
- Strong OEM partnerships and retail presence
- Extensive nationwide dealer-distributor network

04

Service Network

- Service coverage across 1300+ pin codes
- Smart battery ecosystem enabling:

a. Instant fault detection
b. Repair and replacement support
c. Improved customer lifecycle management

05

Financing Support

- Retailer financing through NBFC partnerships
- Consumer financing solutions
- Accelerates sales and inventory turnover

06

Reverse Logistics & Recycling

- Buyback support for used batteries across brands
- Established reverse logistics framework
- Battery repurposing for second-life applications
- End-of-life battery processing into black mass for future mineral recovery

MaxVolt Green Revolution: Reuse, Repurpose, Recharge

Empowering a Sustainable Future

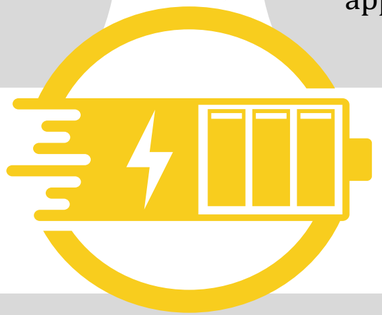
Circular Economy Solutions for Lithium Batteries

Closing the Loop in Lithium Battery Production

Residual lithium & other materials from used batteries is recovered and recycled as raw material for manufacturing new lithium cells, supporting a sustainable battery production cycle.

Lithium Battery Solutions for Electric Mobility and Diverse High-Demand Applications

Lithium batteries power electric vehicles and high-demand applications, offering the performance and durability needed for daily use and tough conditions.



Repurposing and Reusing Batteries: A Profitable Second Life

Once an EV battery is no longer suitable for vehicle use, it can be repurposed for secondary applications such as energy storage systems (ESS), solar backup, home inverters, or smaller devices like toys and pencil cells, effectively extending its usable life.

MaxVolt ReEarth (Wholly-Owned Subsidiary)

MaxVolt ReEarth is creating a technology-led, vertically integrated lithium recycling ecosystem to secure India's future battery materials supply chain

Active R&D + Strategic Collaborations	Execution Phase	Active Applications
• Developing **proprietary hydrometallurgy process** for improved recovery efficiency, lower cost, and reduced waste generation • Collaborating with **C-MET Hyderabad, IIT Kanpur, RISE Kolkata, and University of Birmingham (ReLib Division)** • Simultaneously advancing **Direct Lithium Recycling technology**, an emerging next-gen process with limited commercial deployment in India • Jointly developing advanced shredding and separation technologies for higher recovery yields • Focused on future IP creation through proprietary process innovations	• Planned **Bhoomi Poojan for Aligarh UPSIDA recycling plant by July/August** • Initial lab, crushing, separation, and pilot line to be established at Ghaziabad facility • Estimated **12–15 months execution timeline** for pilot and processing ecosystem • Long-term focus on industrial-scale black mass production and critical mineral recovery • Supports **end-to-end lithium battery recycling, repurposing,** and **circular economy integration**	• **Participating in:** EU Horizon Programs MHI Recycling Funds MAHA pilot recycling schemes • Positioned to leverage government and global sustainability funding • Strengthens future capex efficiency and technology commercialization • Enhances **strategic positioning within India's critical mineral independence roadmap.**

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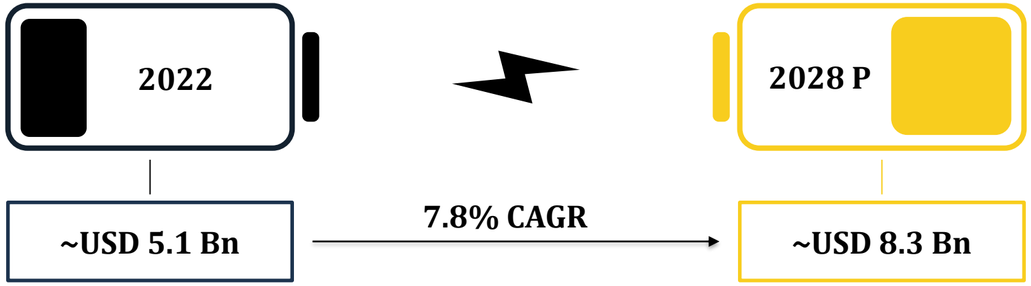
Energizing future

Industrial Overview

India Battery Industry Transition

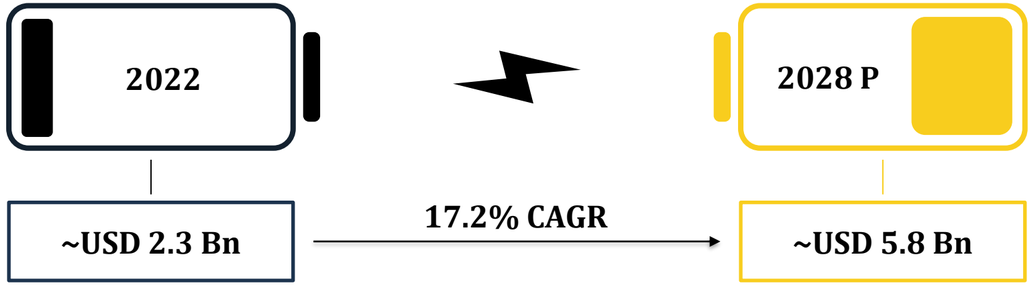
India Lead-Acid Battery Market Growth Outlook



- Strong presence in traditional automotive, inverter, and replacement markets
- Cost-effective with an established manufacturing and distribution ecosystem
- Lead-acid remains a large, mature market with Stable and steady expansion

Lead-Acid — **Established Legacy Market**

India Lithium-Ion Battery Market Growth Outlook



- Rapid adoption across EVs, energy storage, and next-gen mobility solutions
- Higher energy density, longer lifecycle, and superior performance efficiency
- Accelerating growth driven by electrification, OEM demand, & policy support

Lithium-Ion — **Future Growth Engine**

India's battery industry is transitioning from a large but mature lead-acid ecosystem toward faster-growing lithium technologies.

Source: Industry Reports (IMF, IBEF, IEA, Modor Intelligence, ORF America, and others)

Lithium Batteries: Accelerating a Global and Indian Energy Transition

Global Growth Driven by Electrification & EV Boom

- The global lithium-ion battery market is forecasted to grow from **USD 63.3 Bn in 2022 to USD 193.1 Bn+ by 2028, at a CAGR of 23.3%.**
- China dominates battery manufacturing, holding:
  - 90%+ of cathode material capacity and 97%+ of anode capacity.
  - Nearly 100% of LFP production, critical for EVs.
- Battery costs fell ~14% in 2023 as metal prices stabilized (notably cobalt, manganese, graphite).
- Increasing regionalization: US & Europe expanding production to reduce reliance on China.

India: Massive Demand, Untapped Manufacturing Potential

- Indian lithium battery market to grow **from USD 2.34 Bn (2022) to USD 5.75 Bn (2028) at a 17.23% CAGR.**
- Demand to rise from 3 GWh (2022) to 70 GWh (2030); annual market could **exceed $15 Bn by 2030.**
- **India's challenges:**
  - <1% of global battery cell production.
  - Lacks domestic lithium, cobalt, nickel reserves.
  - Faces capital, talent, and recycling infrastructure gaps.

Despite this, strong domestic EV demand - esp. 2W/3W, is catalyzing investment.

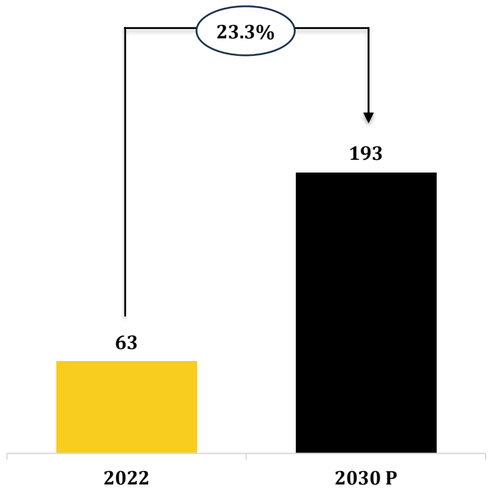
Production Hotspots

- Cathode material production: >90%
- Anode material production: >97%
- LFP battery production: ~100%

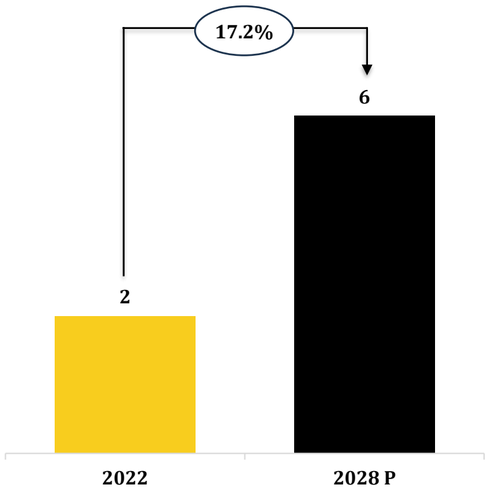
Global battery capacity pipeline

- **China**: Dominates with largest existing and planned capacity.
- **US & EU**: Investing heavily in Gigafactories; EU wants 1 TWh production by 2030

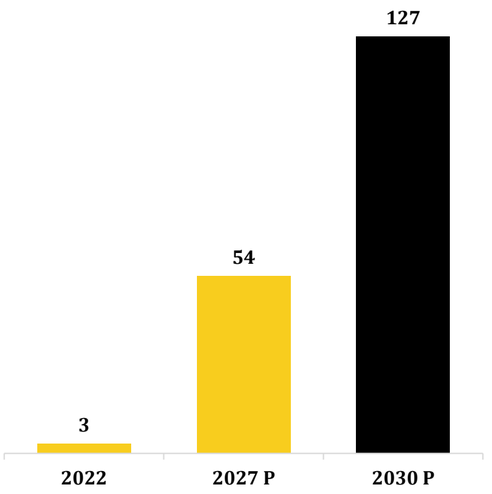
Global Market Size (In USD Bn)



Indian Market Size (In USD Bn)



India's annual demand (In GWh)



Source: Industry Reports (IMF, IBEF, IEA, Modor Intelligence, ORF America, and others)

MaxVolt' s
Disruptive Solution to India's Lithium Battery Challenges

Current Challenges in Indian Lithium Battery Ecosystem

- **Range Anxiety:** Limited runtime and long recharge cycles.
- **Battery Degradation:** Erratic life cycles, quality inconsistencies.
- **High Import-Driven Costs:** Average battery pricing is inflated.
- **Broken Distribution:**
  - 25–30 days for service turnaround.
  - Multi-layered intermediaries add cost.
  - Lack of pricing control by OEMs
  - Lead Batteries come with 1 Year Limited Warranty

Multi-Layered Distribution Adds Cost & Delays

The Real Cost of a Flawed Battery Supply Chain

Lack of after-sales support

No pricing centralization

Added margins

MaxVolt' s Strategic Edge: Service, Scale & Sustainability

- Targeting **5% market share** in India.
- **Direct-to-User Model:** Reduces pricing by 20-30%.
- **PAN India network:**
  - 875+ Dealers
  - 8 Service Centers
  - 10+ Warehouses
  - 14000+/month batteries production capacity
- **Unique Offerings:**
  - 48-hour Service TAT.
  - Lithium-ion Batteries come with 3 Year Warranty
  - Fireproof potting compound, IP65 splashproof design, active equalizers.
  - Buyback of battery – **circular economy** in action.
- **Strong R&D roadmap:**
  1) Smart AI-enabled Battery Management Systems (BMS).
  2) Supercapacitors
  3) Hybrid storage systems.

Source: Various Industry Reports (IMF, IBEF, IEA, Modor Intelligence ORF America, and others)

Lithium Recycling Outlook and MaxVolt’ s Mission

India Outlook

- India’s lithium battery demand is expected to reach **127 GWh by 2030**.
- The recycling opportunity is valued at **USD 1.2–1.5 billion annually by 2030**.
- **Government policies** are driving rapid growth.

Global Outlook

- The global lithium battery market is projected to reach **USD 320 billion by 2030**.
- The global recycling market is expected to reach **USD 25 billion by 2030**, with **>21% CAGR growth**.

MaxVolt’ s Mission

- Targeting **5% share** in India’s lithium recycling and battery pack manufacturing by **FY2032.**
- Estimated **12,000+ tons CO_2 reduction annually** through recycling and reuse.
- Monetization through **carbon credit trading** and **ESG-linked partnerships**.

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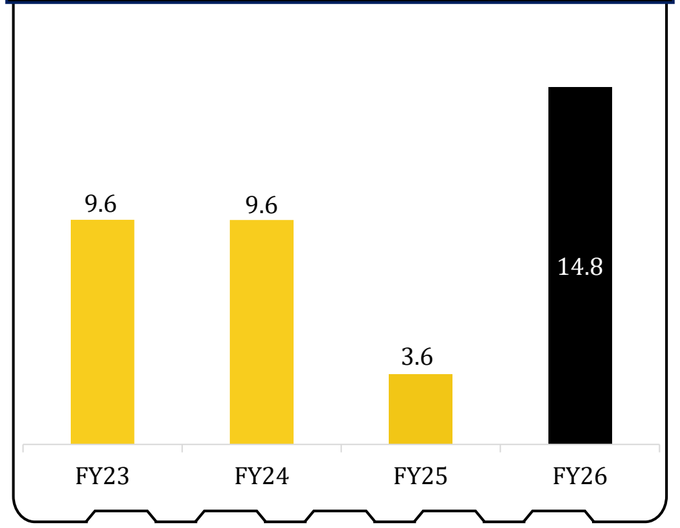
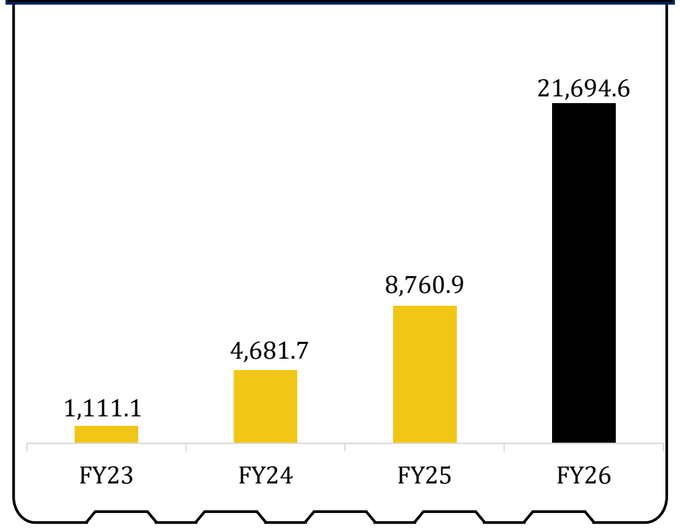
Financial Overview

Revenue from EV Battery Solutions

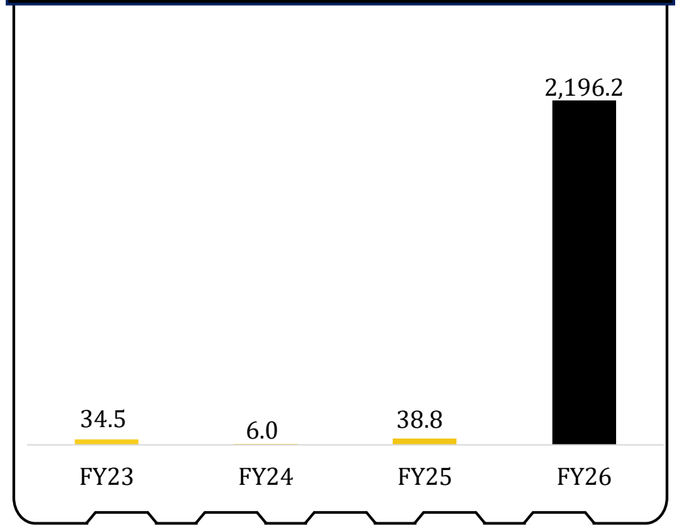
E-Cycles (in Lakhs)



E-Scooters (in Lakhs)

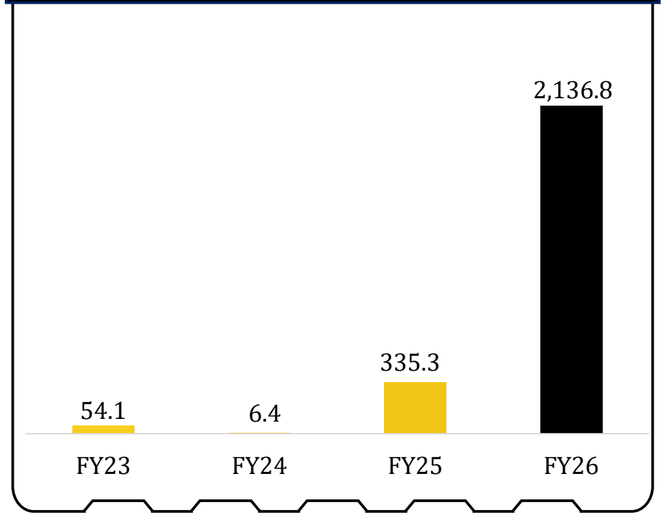


E-Rickshaws (in Lakhs)

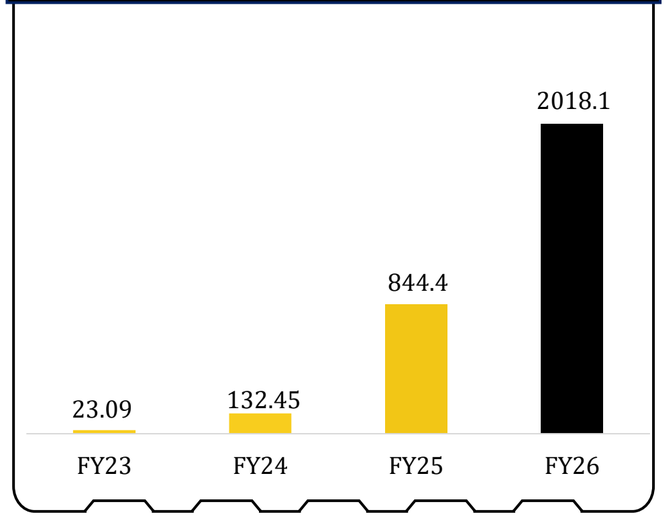


Revenue from Other Solutions

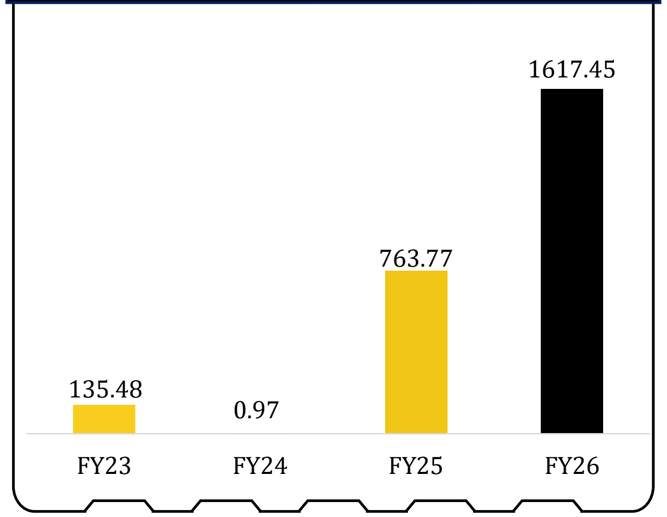
Energy Storage Systems (in Lakhs)



Battery Chargers (in Lakhs)

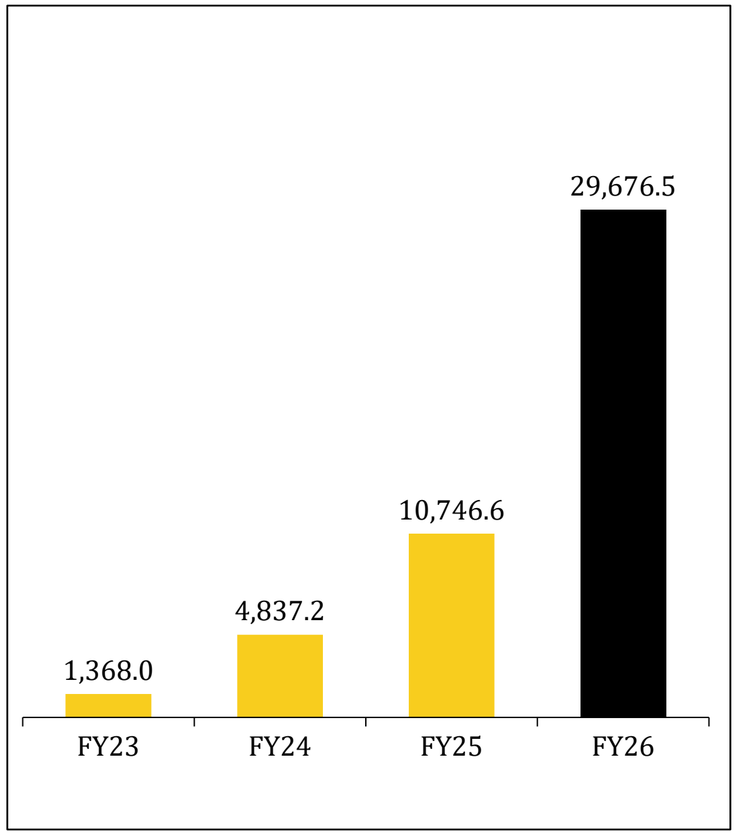


Others (in Lakhs)

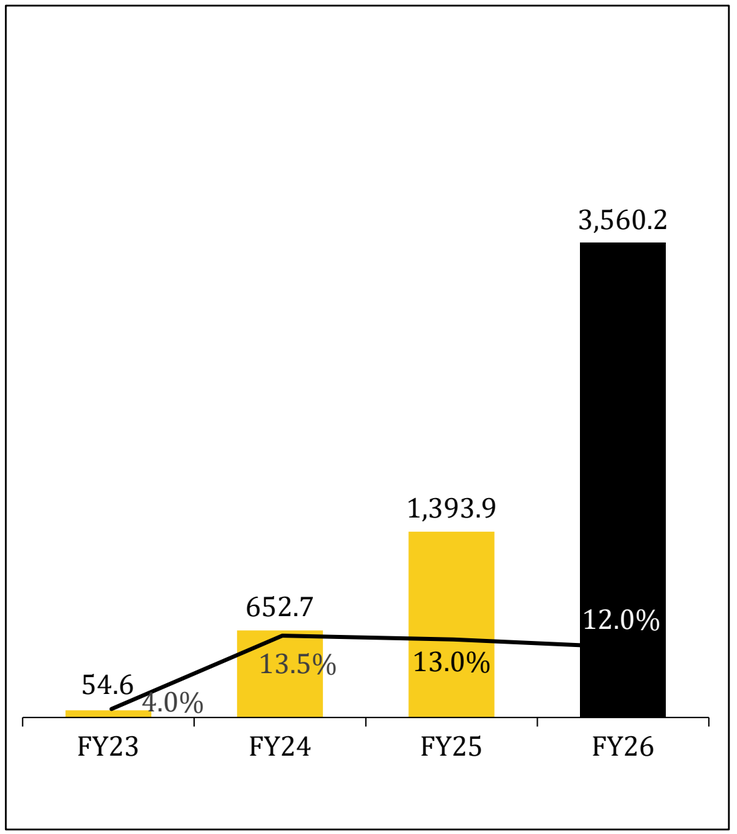


Financial Performance

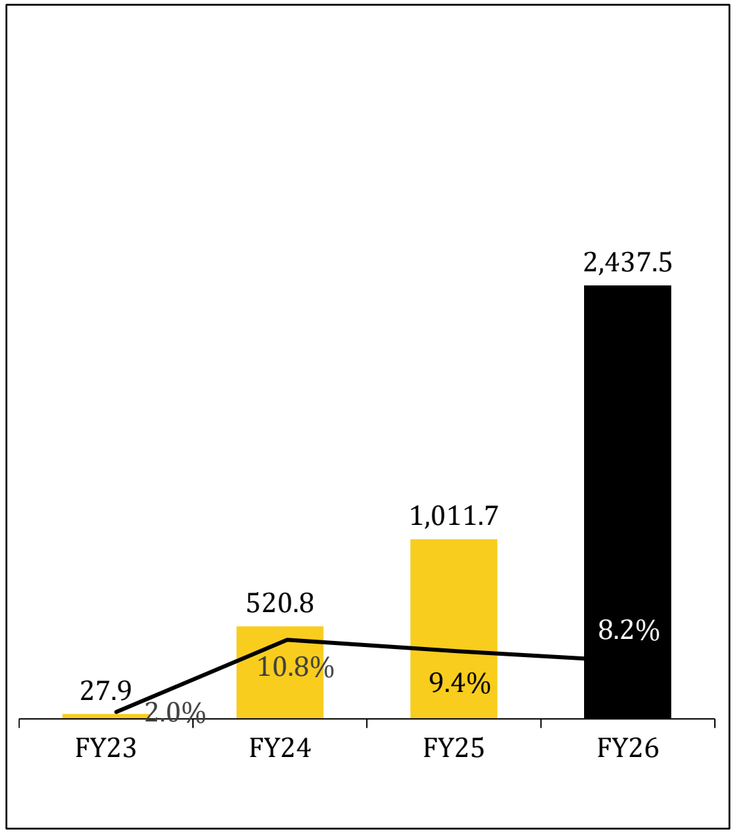
Revenue (INR Lacs)



EBITDA (INR Lacs) and EBITDA Margin (%)



PAT (INR Lacs) and PAT Margin (%)



Half Yearly Income Statement

Particulars (Rs. Lacs)	H2 FY26	H2 FY25	Y-o-Y	H1 FY26	H-o-H	FY26	FY25	Y-o-Y
Revenue from Operations	**16,672.5**	**6,718.9**	**148.1%**	**13,004.0**	**28.2%**	**29,676.5**	**10,746.6**	**176.1%**
Cost of Materials consumed	13,686.3	5,400.9		10,468.1		24,154.4	8,599.7	
Gross Profit	**2,986.1**	**1,318.1**	**126.6%**	**2,536.0**	**17.7%**	**5,522.1**	**2,146.9**	**157.2%**
Gross Profit Margin (%)	**17.9%**	**19.6%**		**19.5%**		**18.6%**	**20.0%**	
Employee Expenses	565.9	286.1		414.7		980.6	421.3	
Other Expenses	703.2	175.8		278.2		981.4	331.8	
EBITDA	**1,717.0**	**856.2**	**100.5%**	**1,843.2**	**-6.8%**	**3,560.2**	**1,393.9**	**155.4%**
EBITDA Margin (%)	**10.3%**	**12.7%**		**14.2%**		**12.0%**	**13.0%**	
Other Income	103.8	100.8		76.6		180.4	181.6	
Depreciation	66.1	38.2		45.3		111.4	57.1	
EBIT	**1,754.7**	**918.9**	**91.0%**	**1,874.5**	**-6.4%**	**3,629.2**	**1,518.5**	**139.0%**
EBIT Margin (%)	**10.5%**	**13.7%**		**14.4%**		**12.2%**	**14.1%**	
Finance Cost	264.1	90.1		83.3		347.4	125.9	
Profit before Tax	**1,490.6**	**828.8**	**79.9%**	**1,791.2**	**-16.8%**	**3,281.8**	**1,392.6**	**135.7%**
Tax	345.4	294.9		498.9		844.3	381.0	
Profit After Tax	**1,145.2**	**534.0**	**114.5%**	**1,292.3**	**-11.4%**	**2,437.5**	**1,011.7**	**140.9%**
PAT Margin (%)	**6.9%**	**7.9%**		**9.9%**		**8.2%**	**9.4%**	
EPS (As per Profit after Tax)	10.51	5.92		11.85		22.36	11.69	

Half Yearly Balance Sheet

Assets (Rs. Lacs.)	Mar-26	Mar-25
Non - Current Assets		
Property, plant and equipment		
a)Tangible Assets	1,805.4	364.5
b) Intangible Assets	130.0	41.0
c) Capital Work in Progress	1,326.0	0.0
Total Non - Current Assets	**3,261.4**	**405.5**
Current Assets		
a) Current investments	2,243.2	2,663.5
b) Inventories	6,223.2	1,995.2
c) Trade receivables	3,913.1	3,080.1
d) Cash and cash equivalents	2,636.6	132.3
e) Short term loans and advances	3,311.4	1,025.1
f)Other current assets	882.6	251.0
Total Current Assets	**19,210.1**	**9,147.1**
Total Assets	**22,471.5**	**9,552.6**

Equity & Liabilities((Rs. Lacs)	Mar-26	Mar-25
(a) Equity share capital	1,090.4	1,090.4
(b) Other equity	9,338.4	5,770.9
(c) Minority Interest	12.3	-
Total Equity	**10,441.1**	**6,861.3**
Non - Current Liabilities		
a) Borrowings	1,205.0	292.5
b)Deferred Tax Liabilities	14.9	3.4
c) Provisions	25.4	13.7
Total Non - Current Liabilities	**1,245.2**	**309.5**
Current Liabilities		
a) Borrowings	7,320.3	657.2
b) Trade payables		
(i) Dues of micro enterprises and small enterprises	301.6	103.0
(ii) Dues of creditors other than micro enterprises and small enterprises	907.4	718.8
c) Other current liabilities	1,402.0	506.3
d) Provisions	854.1	396.6
Total Current Liabilities	**10,785.2**	**2,381.8**
Total Equity and Liabilities	**22,471.5**	**9,552.6**

Half Yearly Cash Flow Statement

Particulars (Rs. Lacs)	Mar-26	Mar-25
Cash Flow from Operating Activities		
Profit before Tax	3,281.8	1,392.6
Adjustment for Non-Operating Items	458.8	183.0
Operating Profit before Working Capital Changes	**3,740.6**	**1,575.6**
Changes in Working Capital	-6,346.0	-5,924.7
Cash Generated/Used from Operations	**-2,605.4**	**-4,349.1**
Less: Direct Taxes paid	-293.4	-101.6
Net Cash from Operating Activities	**-2,898.8**	**-4,450.6**
Cash Flow from Investing Activities	**-2,967.3**	**-349.5**
Cash Flow from Financing Activities	**8,370.4**	**4,929.6**
Net Increase/(Decrease) in Cash and Cash equivalents	**2,504.3**	**129.6**

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Innovation & Sustainability Roadmap

Lithium Recycling & Mineral Recovery

Received land allotment from the U.P. MSME Department for setting up a Lithium Battery Recycling Plant in Aligarh. Construction expected to begin by August 2026. The plant will strengthen MaxVolt' s role in India's circular energy ecosystem.

Phase 1

Crushing & Black Mass Generation (Under Process):

- The Aligarh plant is under development, with **construction expected to start by August 2026**.
- Operations will begin in FY 2026–27 with an **initial capacity of 7,800 MT per annum**.
- Capacity will be scaled up gradually based on demand.

Phase 2

Metal Extraction & Refining (Simultaneous Dev):

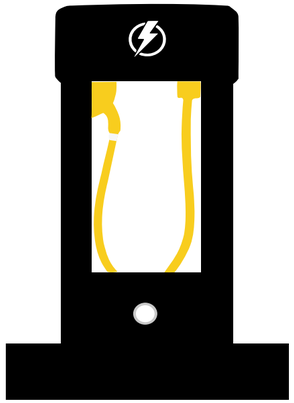
- **Phase 2 development** has **started in parallel**.
- Target setup by FY 2028–29 for an advanced **extraction unit to recover Nickel, Cobalt, Manganese, and Lithium**.
- This positions MaxVolt as one of the few integrated recyclers in India.

Future Outlook

Recycling Capacity: Scale from 7,800 MT/year to 25,000 MT/year by 2035

Sustainability: Achieve measurable carbon neutrality and ESG milestones

Strategic Infrastructure & Sustainability Milestones



New Manufacturing Facility

Status: Fully Commissioned

55,000 sq. ft. plant commissioned; **capacity doubled** with advanced automation and testing setup.

Lithium Recycling Plant

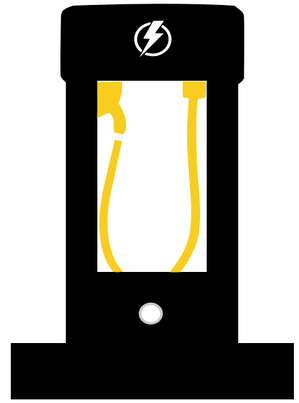
Status: Land Allotted

Land allotted by U.P. MSME Department; construction to begin by March 2026 with an initial capacity of **7,800 MT per annum**, scalable as demand grows.

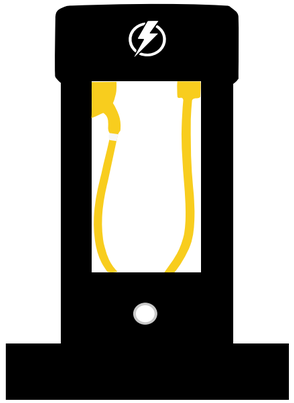
Strategic Collaboration – ARCI

Status: MOU Signed

MoU signed to establish Advanced Lithium Recycling Research Lab for (Phase 2) with **Advanced Research Centre for Powder Metallurgy and New Materials**, focused on metal extraction and process innovation.



Strategic Collaborations & Advanced Product Development



Indian Institute of Technology Delhi (FITT)

Status: MOU Signed
Timeline: 1 Year

- Partnership to develop next-generation **Master–Slave AI-enabled Battery Management Systems (BMS)**
- Designed for large battery packs across EV and energy storage applications
- Enables scalable battery intelligence, predictive analytics, and lifecycle optimization
- Positions MaxVolt in advanced EV, ESS, and grid-scale battery segments

Indian Institute of Technology Roorkee

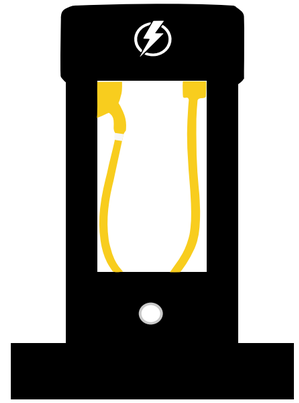
Status: MOU Signed
Timeline: 18-24 Months

- Co-developing **AI-powered BMS** for **electric two-wheelers**
- Real-time monitoring of usage patterns, diagnostics, and predictive maintenance
- Enhances product reliability, customer experience, and service efficiency
- Builds long-term data-driven competitive advantage

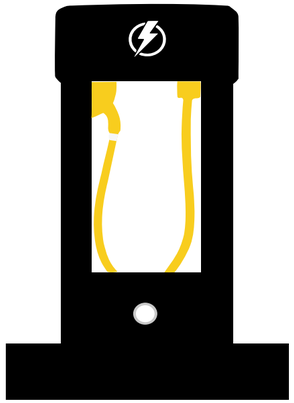
BattGenie & Sagar Semiconductors

Status: NDA Signed
Timeline: 1 Year

- Developing **smart BMS solutions for inverter battery systems**
- Focus on battery lifespan optimization and data intelligence
- Expands presence into high-volume inverter and backup power segments
- Strengthens technology differentiation beyond EV applications



Sustainability, ESG Leadership & Proprietary Innovation



IIT Roorkee
Life Cycle Assessment (LCA)

Status: NDA in Process
Timeline: 6 Months

- **Comprehensive environmental impact assessment** of lithium battery lifecycle
- Covers sourcing, manufacturing, assembly, and usage stages
- Strengthens ESG positioning and future regulatory readiness
- Supports carbon reduction and sustainability optimization

Patent - 2W Battery
(Split Casing Design)

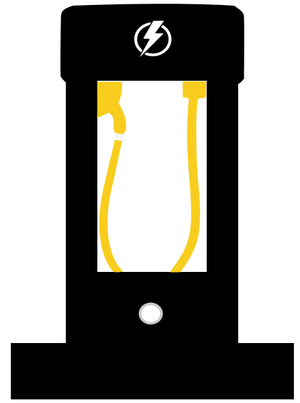
Status: Filled
Timeline: 8-24 Months

- **Advanced split casing architecture** for electric two-wheelers
- Improved thermal insulation, fire safety, and durability
- **IP67-rated design** optimized for Indian operating conditions
- Enhances OEM adaptability and product safety

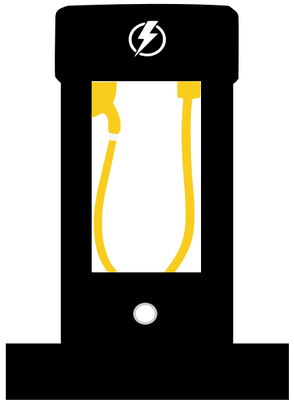
Patent - 3W Battery
(Commercial Fleet Design)

Status: Filled
Timeline: 8-24 Months

- Dedicated **battery architecture for high-load three-wheeler applications**
- Designed for commercial reliability and operational endurance
- Improves total cost of ownership for fleet operators
- Strengthens commercial EV segment positioning



AI/ML Platforms, Digital Infrastructure & Future Innovation



AI/ML Battery Traceability System

Status: Completed

- Internal digital platform for **full battery lifecycle traceability**
- Enables predictive diagnostics, warranty optimization, and service efficiency
- Creates operational transparency and continuous product intelligence

Digital Battery Passport (DBP)

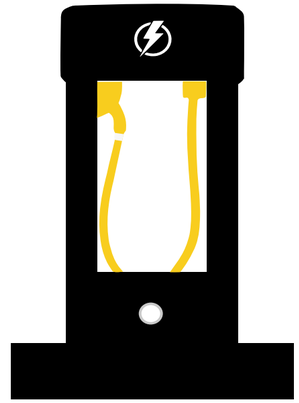
Status: Prototype Finalized
Timeline: 3 Months

- **Next-generation digital ecosystem** for **lifecycle scoring and compliance**
- Integrates OEMs, financiers, and recyclers
- Enables data monetization, compliance readiness, and ecosystem lock-in

Hackathon for Green Future

Status: Ongoing

- **AI/ML-led innovation** initiative focused on **sustainable energy technologies**
- Strengthens innovation culture and future product pipeline
- Builds long-term talent and technology capabilities



Thank You

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