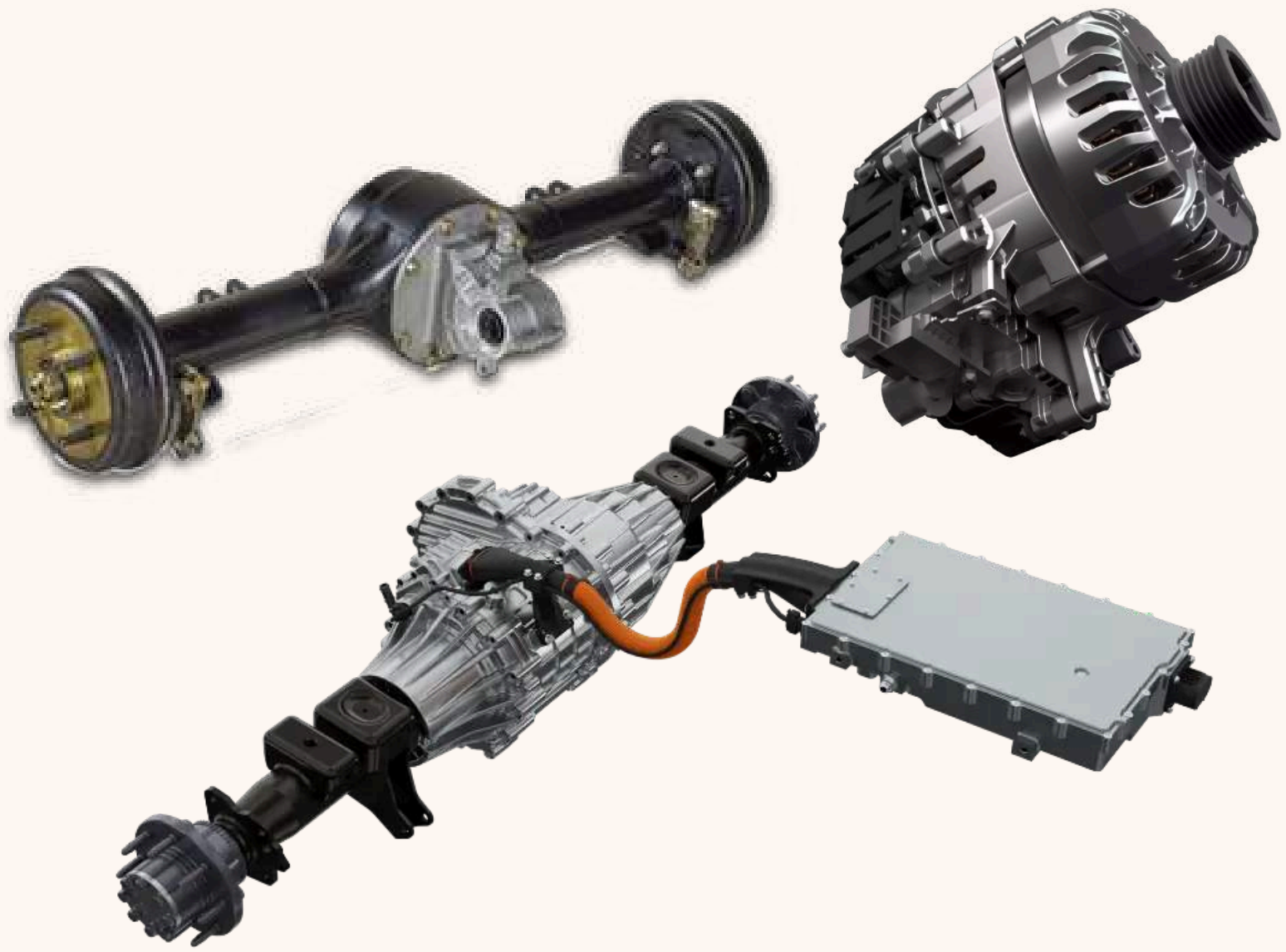
All India EV

EDUCATE | AWARE | PROMOTE

July 2024

Powertrains | Motors & Controllers



EV Update Inside

- Top Electric 2W OEM Sales July 2024
- Top Electric E-Rickshaw Sales July 2024
- Top Electric 3W (Passenger) & Goods Sales: July 2024
- Powertrain Manufacturers of India
- EV Milestones
- BLDC motor controller by Dopar Energy
- New EV Launch
- Axial Flux Motors Technical Analysis by Ojashwin R, Senior Business Development, Torus Robotics
- Who Got Funded?
- Join Ventures & Partnerships
- Other EV Updates
- All India EV

List Your Business

All India EV

About Contact

Click here to register

REGISTER

Unmatched Visibility

Trusted Platform

Targeted Audience

Growth Opportunity

The 3-step process

Within 3 steps, you can list your business on our platform

Fill the form & Submit

Connect with our team

Get Listed

All India EV and FinnUp has join hands in order to help EV companies financially

---

Looking for Flexible Debt funding???

Name *

First | Last

Your Phone Number *

Email *

Designation *

CEO/CTO/CMO/Co-Founder/Director/MD

Company Name *

Company Incorporation Date/Year *

Why you are looking for funds? *

We are thrilled to announce that **All India EV** has **partnered with FinnUp**, a premier one-stop marketplace for businesses and lending institutions, to assist electric vehicle (EV) companies in securing debt funding. This collaboration aims **to streamline the financial processes for EV companies**, ensuring they have access to the capital they need for growth and innovation.

FinnUp
DEBT SIMPLIFIED

FinnUp is dedicated to revolutionizing the debt ecosystem by connecting borrowers and lenders in real-time through sufficient data and automation. Their mission is to simplify the debt needs of growth enterprises by providing access to capital providers with multiple solutions at optimized costs.

Real-time Matchmaking
Connecting corporates, NBFCs, SMEs, MSMEs, and startups with a wide array of capital providers

Decision-making Tools
Advanced tools to aid in making informed financial decisions.

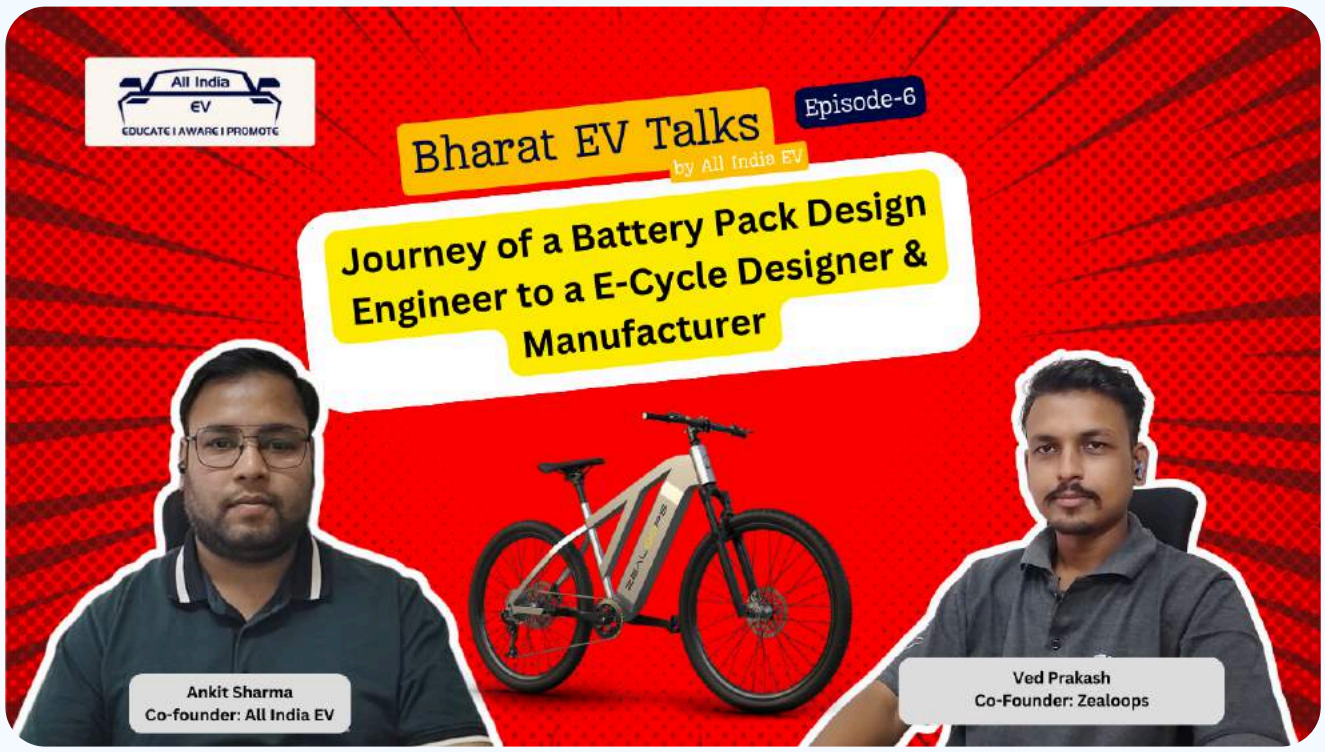
Diverse Product Portfolio
Including machinery finance, trade finance, invoice discounting, long-term loans, and many more

Experienced Team
FinnUp's founders bring extensive experience from leading financial institutions, ensuring expert guidance throughout the funding process

BHARAT EV TALKS

A Podcast Series by All India EV

- Podcast with EMO Energy



- Podcast with Zealoops

- Podcast with Steam-A

The powertrain market in India is experiencing significant growth, driven by the increasing adoption of electric vehicles (EVs) and supportive government policies. ***The India electric vehicle powertrain market is projected to grow at a compound annual growth rate (CAGR) of 28.5% from 2023 to 2029.*** This rapid growth can be attributed to several factors, including government incentives, advancements in technology, and increasing environmental awareness among consumers

Top EV 2W Manufacturers in India

July 2024 Sales Data

1	OLA ELECTRIC	41,624
2	TVS iQUBE ELECTRIC	19,486
3	Chetak	17,657
4	ATHER	10,087
5	VIDA Powered by Hero	5,045
6	GREAVES ELECTRIC MOBILITY	3,154
7	BGAUSS	1,792
8	REVOLT	868
9	Joy e-bike	853
10	KINETIC GREEN Think Electric... Think Kinetic...	687
11	BOUNCE infinity	667
12	Quantum	644
13	OKAYA ELECTRIC VEHICLES	468
14	PURE	389
15	OKINAWA Power the Change	374
16	LECTRIX	371
17	KOMAKI ELECTRIC VEHICLE DIVISION www.komaki.in	332
18	e-SPRINTO ETHICS & VALUES	286
19	HEROelectric The smart move	284
20	River	218

Credit: Vahan Dashboard

Top Electric E-Rickshaw Manufacturers in India

July 2024 Sales Data

1	YC	3,847
2	MAYURI	2,563
3	City Life Electric Vehicles	2,184
4	Mini Metro™	1,408
5	Panther Most Trusted EV Brand	1,339
6	उड़ान	1,239
7	BADSHAH	1,204
8	ALLFINE	1,123
9	SAARTHI ride with trust	1,008
10	mahindra LAST MILE MOBILITY	986
11	SKS Arzoo	953
12	KHALSA EV	942
13	VB VANDE BHARAT ELECTRIC VEHICLES	907
14	JSA THREE WHEELERS	889
15	TERRA MOTORS	841
16	INDO WAGEN	828
17	JEZZA	804
18	THUKRAL Electric - Bikes	764
19	ZEOPLUS	674
20		607

Credit: Vahan Dashboard

Top Electric 3W Passenger & Goods

July 2024 Sales Data

3W Passenger	Sales
Mahindra Last Mile Mobility	4,874
Bajaj Auto	3,347
Piaggio Vehicle	1,740
TI Clean Mobility	579
Omega Seiki	281
Atul Auto	70
Dilli Electric	59
TVS Motor Company	40
Daksh Industries	38
Atul Greentech	35
Mahindra & Mahindra	31
Baxy	27
MLR Auto	25
Godawari Electric Motor	18
Rasandik Engineering	18
Mini Metro	17
Thukral Electric	15
Kaptech india	13
Dashmesh Trader	11
OM Baljee Auto	10

3W Goods	Sales
Mahindra Last Mile Mobility	1,034
Bajaj Auto	344
Omega Seiki	248
Euler Motors	228
Piaggio Vehicles	213
Ravi Metal	139
Atul Auto	91
Altigreen Propulsion	53
Green Evolve	40
Zenmo Private Ltd	37
Dilli Electric Auto	25
Atul Greentech	24
Kinetic Green Energy & Power	23
KLB Komaki	21
Mini Metro	8
Eco Dynaamic	7
Godawari Electric	6
MLR Auto	6
Thukral Electric	6
API Motor	5

Credit: Vahan Dashboard

Powertrain Manufactures in India

ELECTRA EV™

TATA
TATA AUTOCOMP

SONA COMSTAR

virya
MOBILITY 5.0

emf
INNOVATIONS

rotomotive
looks good. performs better.

DANA TM4

ENTUPLE
E-MOBILITY

STERLING GTAKE
E-MOBILITY

varroc
EXCELLENCE

AXIOM

PHYSICS MOTORS

KONMOS
technologies

MAHLE

QuantEon

RIZEL
AUTOMOTIVE

VINURUK
renovating the world

JAYEM AUTOMOTIVES

SINTERCOM
India Ltd.

SEG
AUTOMOTIVE

Milestones

Vedanta Aluminium Boosts Sustainability with Expansion of India's Largest Electric Forklift Fleet

Vedanta Aluminium, India's largest aluminium producer, has significantly bolstered its commitment to sustainability by adding 22 new electric lithium-ion forklifts at its Jharsuguda smelter operations in Odisha. This expansion brings their total fleet to 66 units, solidifying Vedanta's position as the largest deployer of electric lithium-ion forklifts in India.

Delhi Enhances Public Transport With Launch Of 320 Electric Buses

Delhi Lt Governor V K Saxena inaugurated 320 new electric buses on Tuesday, increasing the city's electric bus fleet to 1,970. Saxena emphasized that this addition will support Delhi's efforts to combat pollution.

Delhi residents will benefit from a new fleet of 320 electric buses. Future plans include adding even more buses. To effectively reduce pollution in Delhi, it's crucial to enhance public transport, and this step is aligned with that goal.

BYD India Launches EV Innovate-A-Thon to Foster Innovation in Electric Vehicles

In collaboration with the Automotive Skill Development Council (ASDC), the BYD EV Innovate-A-Thon seeks to advance skill development and inspire creativity, teamwork, and innovation within the electric vehicle (EV) sector. The program, described as a catalyst for progress, is designed to tap into the potential of student-led innovations to drive forward the future of sustainable transportation.

India Installs 5,293 EV Charging Stations Along National Highways

In a significant push towards enhancing electric vehicle (EV) infrastructure, the Indian government has established 5,293 EV charging stations along national highways. This development is detailed in an official announcement, with a substantial portion of these stations set up under the Ministry of Petroleum and Natural Gas, amounting to an expenditure of Rs. 178 Crore.

BLDC motor controller by Dopar Energy

Author:
Hrushabh Jadhav: Co-Founder & CTO
Vaibhav Karad: Co-Founder, Sales & Operations

The motor controller plays a pivotal role in the operation of BLDC motors and the overall performance of the vehicle. It is responsible for managing the power distribution to the motor, ensuring smooth operation across various speeds and loads, and maintaining the efficiency of the motor.

The controller determines the timing and amount of current supplied to the motor windings, which directly impacts the motor's torque, speed, and efficiency. A high-quality motor controller can significantly enhance the performance, reliability, and lifespan of the motor, thereby improving the overall vehicle performance.

Sensorless BLDC motor control

Brushless DC (BLDC) motors have revolutionized the propulsion systems of electric vehicles (EVs), offering superior efficiency, reduced maintenance needs, and streamlined control mechanisms compared to traditional brushed DC motors.

These advantages have made BLDC motors the preferred choice for EV manufacturers worldwide. However, a critical challenge in their operation revolves around the precise feedback of rotor position, which is essential for optimizing performance and efficiency.

Traditionally, BLDC motors rely on Hall Effect sensors to detect the magnetic field of the rotor's permanent magnets.

This information is crucial for the Motor Controller Unit (MCU) to accurately commutate the motor windings, ensuring smooth operation across a range of speeds and loads. Despite their importance, Hall Effect sensors are susceptible to various factors that can compromise their reliability.

Temperature fluctuations, mechanical vibrations, and electromagnetic interference (EMI) are common issues that can lead to sensor malfunction or failure over time.

The repercussions of Hall sensor failures can be significant. When these sensors malfunction, the motor controller may lose accurate rotor position feedback.

This can result in degraded motor performance, efficiency losses, or even motor stalling under certain conditions, directly impacting vehicle performance and driver confidence in EV technology.

Therefore, addressing these reliability challenges is crucial to enhancing the overall reliability and robustness of EVs powered by BLDC motors.

Advancements in motor control algorithms aim to handle sensor failures more effectively. One promising approach is sensorless BLDC motor control, which eliminates the need for Hall Effect sensors altogether.

Sensorless control methods, such as Field Oriented Control (FOC), have gained prominence due to their ability to accurately estimate rotor position using other motor parameters, such as back-electromotive force (EMF) signals. FOC involves mathematically modeling the motor's behaviour and precisely controlling the orientation of the magnetic field, thereby maximizing motor efficiency and torque output.

Dopar Energy have successfully implemented FOC-based sensorless control in their BLDC Motor Control Unit(MCU), achieving impressive results in terms of performance and reliability.

One of the significant challenges in sensorless control is starting the motor from a standstill. Unlike Hall sensors, which provide precise position feedback even at low speeds, sensorless methods must accurately determine rotor position without any initial motion.

Dopar Energy has tackled this challenge by developing sophisticated algorithms that enable the motor to start smoothly with minimal speed and high starting torque. This breakthrough ensures that electric vehicles equipped with sensorless BLDC motors operate efficiently and reliably across various driving conditions.

The adoption of sensorless BLDC motor control represents a significant advancement in EV technology. By eliminating Hall Effect sensors, manufacturers can reduce costs, simplify motor design, and enhance overall system reliability.

Moreover, sensorless control contributes to the sustainability of electric transportation by improving energy efficiency and reducing maintenance requirements.

While Hall Effect sensors have traditionally been integral to BLDC motor operation, their vulnerabilities necessitate innovative solutions like sensorless control.

Companies like Dopar Energy are driving this innovation forward, demonstrating the feasibility and benefits of sensorless BLDC motor control for the future of electric vehicles.

By overcoming challenges and optimizing performance, sensorless technology is set to play a pivotal role in shaping the next generation of electric propulsion systems, ensuring they meet the demands for efficiency, reliability, and sustainability in the automotive sector.

Doper Energy Motor Controller

- PowerPRO 1500 - MCU
- ControlMAX 250/350 - MCU

Dopar Energy: Leading the Way in EV Technology

Dopar Energy is an EV technology company based in Aurangabad, Maharashtra. We are dedicated to advancing the reliability, performance, and overall user experience of electric vehicles.

Our core focus is on developing innovative motor controllers, particularly for electric bicycles, that meet diverse customer needs and industry standards.

Our product line includes a range of motor controllers designed to meet various specifications and requirements.

We have developed one of the smallest and smartest e-cycle controllers, featuring advanced capabilities such as auto-phase detection, thermal-based derating, and extensive customization options for speed modes. Which supports different communication protocols like CAN and UART, ensuring seamless integration and robust performance.

Our dedication to innovation is demonstrated by our advanced R&D capabilities. Our committed research and development team continually expands the possibilities of EV technology, focusing on creating state-of-the-art motor controllers that offer enhanced performance, reliability, and customization.

We understand that different electric bicycle manufacturers have unique requirements, and we take pride in our ability to adapt our motor controllers to meet these specific needs. Whether it's adjusting power outputs, implementing unique communication protocols, or integrating additional features, Dopar Energy provides personalized solutions that ensure optimal performance and customer satisfaction.

We stand at the forefront of this innovation, demonstrating the feasibility and benefits of sensorless BLDC motor control for the future of electric vehicles.

By overcoming challenges and optimizing performance, sensorless technology is set to play a pivotal role in shaping the next generation of electric propulsion systems, ensuring they meet the demands for efficiency, reliability, and sustainability in the automotive sector.

We invite you to join us on this journey towards a greener, more efficient future.

DOPAR
Heart of Every Great EV

New EV Launch

Lectrix EV Launches High-Range LXS 3.0 Scooter With Cutting-Edge Features

Lectrix EV, the electric mobility division of SAR Group, has introduced the LXS 3.0 scooter, following the successful LXS 2.0. The new model, equipped with a 3KwH Li-ion LFP battery pack, boasts an impressive range of 130 km on a single charge and will be available for delivery starting August 1, 2024.

BMW Motorrad India Launches CE 04

BMW Motorrad India has introduced its first electric scooter, the all-new BMW CE 04, marking a significant step in the realm of premium electric mobility in India. Available as a Completely Built-up Unit (CBU) in select metropolitan cities, deliveries for the urban electric scooter will commence in September 2024.

MINI Introduces All-Electric Countryman in India

MINI has launched all-electric MINI Countryman in India, marking the debut of the latest generation of the iconic MINI family in the country. It will be available as completely built-up units (CBU) and can be booked through authorized MINI dealers or online at shop.mini.in.

Terra Charge Launches TAKA: A Game-Changing 30 kW Quick Charger for EVs

Terra Charge has unveiled its latest innovation, the TAKA 30 kW quick charger. Launched following the success of its 3.3 kW models KIWAMI and TAKUMI earlier this year, Terra Charge aims to meet the escalating demand for efficient charging solutions. TAKA, developed entirely in-house, promises enhanced quality and cost efficiency, with investment savings projected between 20-30%.

Tata Motors Unveils India's First SUV Coupé – The Tata Curvv

In a groundbreaking move, Tata Motors, India's leading automotive manufacturer, has unveiled the Tata Curvv, India's first SUV Coupé. This innovative vehicle seamlessly integrates premium design with enhanced practicality, available in petrol, diesel, and electric powertrains to cater to diverse customer preferences.

iVOOMi Launches Jeet X ZE Electric Scooter With 3 KWH Battery And 170 KM Range

Based on the Electric Global Modular Platform (E-GMP), the EV3 is available in Standard and Long Range variants, featuring a 58.3kWh and 81.4kWh battery, respectively. With a driving range of up to 600km (WLTP) and ultra-fast charging capability, the EV3 addresses common concerns about electric vehicles, making it an attractive option for those considering a switch to electric mobility.

Mercedes-Benz EQA 250+: Unveiling India's Newest Electric SUV

Mercedes-Benz has introduced its fourth electric vehicle in India, the EQA 250+. Priced at Rs 66 lakh, this compact SUV represents the brand's most affordable electric offering in the country. Reservations are now being accepted for the EQA, thereby expanding the company's range of electric vehicles includes the EQS, EQB, and EQE models.

GT Force Introduces GT Texa Electric Motorcycle: Redefining Urban Mobility With Electric Innovation

GT Force, a pioneer in electric two-wheeler manufacturing, has announced the launch of its much-awaited electric motorcycle, the GT Texa, at an ex-showroom price of ₹1,19,555. Engineered to cater to the evolving needs of urban riders, this cutting-edge EV bike combines advanced technology, uncompromising performance, and eco-friendly mobility like never before.

Zen Mobility Launches New Era Of Electric Mobility With Micro Pod ThermoFlex And LoadMax

Zen Mobility, a burgeoning Indian electric vehicle manufacturer, has unveiled two latest editions of its Zen Micro Pod series: the Micro Pod ThermoFlex and Micro Pod LoadMax, each priced at INR 2.25 lakh. These new models signify advancements in lightweight mobility, specifically tailored for transporting temperature-sensitive cargo, backed by flexible financing options and cutting-edge technology.

Axial Flux Motors:
Technical Analysis, Environmental Benefits & Market Demand

Author: **Ojashwin R**
Senior Business Development
Torus Robotics Pvt Ltd

An axial flux motor is a type of electric motor where the magnetic flux runs parallel to the axis of rotation, as opposed to the more common radial flux motors where the flux runs radially through the stator and rotor.

Axial flux motors are designed with permanent magnets sandwich between stator, which results in a compact and powerful motor that can operate at high speeds with minimal heat dissipation. This design results in a motor that is typically flatter and more compact than radial flux motors. They are also known as pancake motor or a disc motor

Key Features of Axial Flux Motors:

They offer higher efficiency, higher torque density, and lower weight compared to traditional radial flux motors.

- High Power Density: The flat and compact design allows for a higher power density, meaning more power output per unit of volume compared to radial flux motors.
- Efficiency: Axial flux motors can be more efficient due to shorter magnetic paths and better cooling options.
- Torque Density: They often provide higher torque density because of the larger diameter of the rotor, which allows for more torque production.
- Cooling: Better cooling is possible since the large surface area of the motor can be easily exposed to cooling mechanisms.
- Manufacturing: They can be simpler and less expensive to manufacture due to fewer materials required for the magnetic path and the potential for modularity indesign.
- Low noise and Vibration: The axial flux motor produces less noise and vibration than traditional motors, resulting in a more pleasant and comfortable operating environment.

Applications

Axial flux motors are used in various applications where high efficiency, compact size,
and high torque are essential. Common applications include:

- Electric vehicles (EVs)
- Aerospace
- Wind turbines
- Industrial machinery
- Marine propulsion
- Robotics

Comparison

Environmental Benefits

Increased Energy Efficiency :

Axial flux motors can operate at higher energy efficiency than radial flux motors. This means they require less energy to produce the same output, which reduces energy consumption and carbon emissions.

Reduced Material Usage:

Axial flux motors require fewer materials than radial flux motors. This reduces the environmental impact associated with extracting and processing these materials.

Lower Emissions :

Axial flux motors have fewer emissions compared to radial flux motors, primarily due to their high energy efficiency. This means they emit less greenhouse gases and air pollutants during operation

Improved Sustainability:

Axial flux motors are often designed to be more sustainable and recyclable than radial flux motors. They can be made using materials that are easier to recycle or are already recycled, which reduces the environmental impact associated with manufacturing and disposing of them.

Flexibility:

Axial flux motors are also more flexible in terms of their applications. They can be used in a variety of different industries and settings, including transportation, manufacturing, and renewable energy.

Market Demand

The demand for axial flux motors in the Indian market over the next 3-5 years is expected to grow due to several factors:

- **Factors Driving Demand:**

Electric Vehicle (EV) Adoption: The Indian government and policies are pushing for the adoption of electric vehicles to reduce pollution and dependency on fossil fuels. Axial flux motors, with their high efficiency and compact size, are ideal for EVs.

- **Renewable Energy Sector:**

India's commitment to increasing its renewable energy capacity, particularly wind energy, could drive demand for axial flux motors, which are used in wind turbines.

- **Industrial Automation:**

The push towards automation and modernization of industries could see increased adoption of efficient and compact motors like axial flux motors.

- **Technological Advancements:**

Ongoing research and development in motor technologies are making axial flux motors more cost-effective and reliable, boosting their attractiveness in various applications.

Market Projection

- **Growth in EV Market:**

India aims to have a significant percentage of vehicles on the road to be electric by 2030. The growing EV market will be a major driver for axial flux motors.

- **Industrial and Renewable Applications:**

Industries are likely to adopt more energy-efficient motors to reduce operational costs, while the renewable energy sector will expand, driven by government policies and international commitments.

Challenges

- **Cost:**

Axial flux motors can be more expensive than traditional radial flux motors. However, as production scales up and technology improves, costs are expected to come down.

- **Awareness & Adoption:**

The market's understanding of the benefits of axial flux motors will play a role in their adoption. Education and demonstration of benefits will be crucial.

While traditional radial flux motors are well-established and widely used, their limitations in efficiency, size, thermal management, performance, and maintenance highlight the need for alternative motor designs like axial flux motors.

Axial flux motors offer several advantages that address these issues, making them attractive for modern applications, especially in the rapidly evolving sectors of electric vehicles and renewable energy.

TORUS

Who Got Funded?

- **Green Frontier Capital Leads $3 Million Pre-Series A Round for ElectricPe, India's Leading EV Super-App**

Green Frontier Capital, a leading early-stage venture capital fund with operations in both India and the U.S., has spearheaded a $3 million pre-Series A funding round for ElectricPe, India's premier EV super-app. The funding round also saw participation from existing investors Blume Ventures, Micelio Fund, and NB Ventures.

- **Battery Smart Secures $65 Million in Series B Funding to Drive EV Battery Swapping Network Expansion Across India**

Softbank-backed Ola Electric Mobility has set the price band at Rs 72-76 per share for its Rs 6,100-crore initial public offering (IPO), launching on August 2. The trial production of its gigafactory is currently in progress, with operations expected to begin early next year.

- **Indian EV Start-Up Simple Energy Gains $20 Million To Scale Up Production And Innovation**

Simple Energy, an Indian clean energy and electric vehicle start-up has raised $20 million in Series A funding. The company plans to use these funds to boost the production of its main products, the Simple One and Simple Dot One

- **MyPickup raised INR 1.5 Crore To Expand Electric Auto-Rickshaw Services**

MyPickup, an urban transit services provider and a startup from IPV Ideaschool, has successfully raised INR 1.5 Crore in a Seed Round led by Inflection Point Ventures (IPV). This funding initiative is part of IPV's strategy to support early-stage startups with high innovation and impact potential.

- **BluSmart Secures Funding To Scale Electric Ride-Hailing And Charging Network**

BluSmart, the leading electric vehicle (EV) ride-hailing service in India and South Asia, announced that it has secured $24 million in a Pre-Series B funding round to expand its operations and improve its EV charging infrastructure across major Indian cities.

- **Lohum Announces INR 1,000 Crore Investment For Manganese-Based Battery Production With Tesla Expertise**

Lohum, a manufacturer and recycler of lithium-ion battery packs, announced on Wednesday an investment of INR 1,000 crore over the next three years to develop and produce manganese-based lithium-ion batteries. The company has also enlisted Tesla veteran Chaitanya Sharma to assist with the new project.

- **Matter Group Accelerates With $35 Million Investment From Helena And Others**

EV and energy storage startup Matter Group announced on Wednesday that it has secured $35 million in its ongoing Series B funding round, led by the US-based problem-solving organization Helena. This capital infusion will help the company scale up manufacturing, supply chain, marketing, and retail expansion.

Joint Ventures and Partnerships

- **Hyundai Motor India Partners with CHARGE ZONE to Expand EV Charging Network Across Dealerships**

Hyundai Motor India Limited (HMIL) has signed a Memorandum of Understanding (MoU) with CHARGE ZONE to enhance HMIL's electric vehicle (EV) roadmap in alignment with the Government of India's EV adoption strategies. Under this MoU, CHARGE ZONE will install 60 kW DC fast chargers at 100 HMIL dealerships across India.

- **Roadcast and AMU Forge Groundbreaking Partnership to Revolutionize EV Fleet Management and Enhance Sustainability**

Roadcast, a leading SaaS-based logistics automation platform, and Accelerated Money for U (AMU), a prominent non-banking financial company (NBFC) specializing in financing electric vehicles (EVs), have announced a transformative partnership aimed at advancing EV technology and promoting environmental sustainability across India.

- **Bounce Infinity And Zapp EV Partner To Drive Electric Vehicle Production In Key Indian Cities**

Electric scooter maker Bounce Infinity announced on Friday its partnership with Zapp Electric Vehicles Group for the contract manufacturing of Zapp's electric vehicles (EVs). Bounce Infinity will produce Zapp's EVs according to Zapp's specifications, as stated by the company. Manufacturing of Zapp's electric two-wheelers will take place at Bounce Infinity's Bhiwadi plant.

- **Shell India To Install Fast Chargers Nationwide In Partnership With JSW MG Motor India**

JSW MG Motor India has forged a strategic alliance with Shell India Markets Private Limited (SIMPL) to enhance the public charging infrastructure for electric vehicles (EVs) across India. According to the Memorandum of Understanding (MoU), Shell India will set up CCS 50kW and 60kW DC fast chargers at numerous locations across the country.

- **Greaves Finance Limited Partners with ACKO to Boost EV Ownership in India**

Greaves Finance Limited, a non-banking financial company (NBFC) and a wholly owned subsidiary of Greaves Cotton Ltd., has announced a strategic partnership with ACKO, a tech-first insurer, to facilitate seamless electric vehicle (EV) ownership across India.

- **Thunder Plus Partners with Oyika to Expand EV Charging Solutions in Southeast Asia**

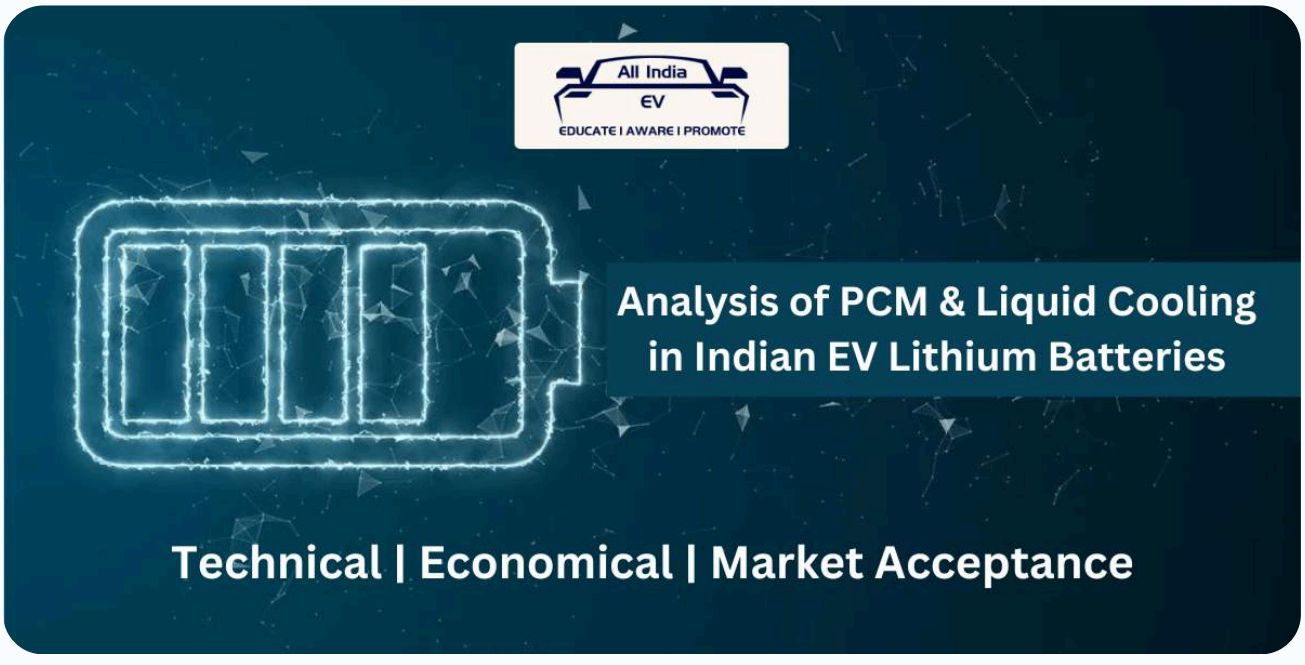
Thunder Plus, a prominent Indian electric vehicle (EV) charging company, has announced a strategic partnership with Oyika, a Singapore-based battery swapping company. The collaboration, formalized through a Memorandum of Understanding (MOU), aims to broaden Thunder Plus's presence in the Southeast Asian market.

- **Mahindra Last Mile Mobility Ltd. Partners with Ecofy to Boost Electric Three-Wheeler Adoption in India**

Mahindra Last Mile Mobility Limited (MLMML), a subsidiary of Mahindra & Mahindra Ltd. (M&M), has announced a strategic partnership with Ecofy, India's green-only NBFC supported by Eversource Capital, aimed at accelerating the adoption of electric three-wheelers in India. MLMML, recognized as India's leading electric three-wheeler manufacturer with the broadest range of offerings, aims to leverage Ecofy's innovative financing solutions to drive the uptake of EV 3Ws.

- **Ampere Pioneers Battery Strategy for Renault Group with LFP Technology and Cell-to-Pack Solutions**

Ampere has announced its plan to integrate LFP (Lithium Iron Phosphate) technology alongside the current NCM (Nickel Cobalt Manganese) batteries used by Renault Group. This strategic move addresses market volatility and technological changes, enhancing competitiveness for vehicles manufactured in Europe.



Other EV Updates

- India Extends Electric Mobility Promotion Scheme 2024 To September 30 With Enhanced Budget To Boost EV Adoption
- Government Of India Reimburses Over ₹6,900 Crore In Subsidies Under FAME-India Scheme Phase-II
- Yulu Launches Shared EV Service in Hyderabad, Aims to Revolutionize Urban Mobility
- HRTC Announces Acquisition Of 297 Electric Buses And Replacement Of Old Volvo Models
- Servotech's Incharz And Prateek Group Announce EV Charging Station Rollout In Delhi-NCR
- Revolutionizing Urban Logistics: Switch Mobility Delivers First Switch IeV3 Vehicles
- Odysse Electric's First SNAP Scooter Delivery Ushers In New Era Of Sustainable Urban Travel
- Servotech Power Systems Secures Additional ₹20 Crore Order for DC Fast EV Chargers from BPCL
- CESL And NITI Aayog Drive Forward With Over 11,000 Electric Buses Deployed Across India
- India Allocates Rs. 493.55 Crore To Support Over 3.72 Lakh Electric Vehicles Under EMPS 2024
- Kia India Expands Lease Program with Introduction of Flagship EV6, Revolutionizing EV Accessibility for Professionals
- Launch of Battery 360 Alliance – A Multi-Stakeholder Platform to Promote a Sustainable and Circular Battery Value Chain
- DMRC's New Electric Auto Fleet To Improve Last-Mile Travel Across 40 Stations
- India Unveils Comprehensive E-Mobility R&D Roadmap For Self-Reliance And Global Leadership
- Chief Minister Naidu Engages With VinFast CEO, Proposes EV Manufacturing In Andhra Pradesh

- Vidyut Unveils New Platform For Pre-Owned EV Sales And Financing
- IntrCity SmartBus Announces Major Expansion In Mumbai And Pune With 50 New Routes
- CHARGE ZONE Accelerates EV Infrastructure Expansion Across India with 25 New Supercharging Stations Planned
- BYD India Appoints Rajeev Chauhan as New Vice President of Electric Passenger Vehicle Business
- Ather Energy To Establish Rs 2000 Crore Manufacturing Hub In Bidkin, Maharashtra
- Haryana Flags Off 50 Electric Vehicles For Improved Waste Management In Gurugram
- Indian Army Procures 113 Electric Buses To Boost Green Initiatives
- Greaves Finance Ltd. Appoints P. B. Sunil Kumar as Executive Director & CEO to Drive Electric Mobility Financing in India
- Union Ministry And CESL Join Forces To Empower Rural Women With E-Bicycles

Our Previous Editions

- 24,000+ & Growing LinkedIn Community
- 30,000+ & Growing Magazine Subscribers
- 100K+ & Growing Google Impressions

All India EV

EDUCATE | AWARE | PROMOTE

All India EV is India’s fastest growing
EV Industry based media and market research platform.

Our objective is to give our readers a 360° view of the Indian EV industry through our content so that they can understand about the industry in a better way.

8588906961

ankit.sharna@allindiaev.com
allindiaev@gmail.com