



**LUXURY REDEFINED WITH
SUSTAINABLE MOBILITY**

ONE WORLD, ONE PURPOSE:
SUSTAINABLE MOBILITY



Mobility Overview

EMPOWERING PROGRESS. CONNECTED. SUSTAINABLE.

WELCOME TO THE JBM E-VERSE

JBM's E-Mobility Platform is a comprehensive solution that has been curated around product, technology, experience, and performance. Our Platform delivers and ensures efficient operations, reliable maintenance and easy access to charging infrastructure, thus accelerating the adoption of electric vehicle and setting a new standard for sustainable, scalable and high-performing mobility solutions. This approach guarantees customer delight through a holistic ecosystem that prioritises convenience, reliability and environmental responsibility.

Our pioneering initiatives towards steering Mobility 2.0 make us the preferred choice of millions of passengers seeking next-generation mobility solutions to drive a better tomorrow





LUXURY REDEFINED WITH SUSTAINABLE MOBILITY

Imagine a world where the journey itself is as captivating as the destination. A world where intercity travel isn't just about getting from one place to another, but a statement of luxury, comfort and choice. Here, we introduce to you 'Galaxy'—JBM's most dashing innovation yet. Galaxy is not just a luxury electric coach; it is a game-changer that redefines what intercity public transportation can be. We are on the cusp of a revolution where people no longer choose private commute out of necessity, but because they crave the unparalleled experience Galaxy offers. With this extraordinary creation, JBM Cadmium is not just changing the way we travel; we are rewriting the future of intercity mobility, making public transport the most desirable, sustainable, and sophisticated choice for the modern traveller.

With Galaxy, we are breaking free from the conventional, bringing together cutting-edge technology and world-class craftsmanship to offer a journey that transcends ordinary travel. Every detail of Galaxy has been meticulously designed, from its high-performance electric powertrain to its luxurious interiors, ensuring a seamless experience that redefines comfort. We've blended advanced sustainability with luxury, creating a coach that delivers exceptional performance while keeping the environment at its heart.

But this is more than just a product; it is a vision. A vision where intercity travel is not a compromise, but a preferred choice. A vision where the hustle of private cars, the frustrations of traffic, and the environmental cost of personal transport become relics of the past. Galaxy invites you to embrace a future where travel is not just a necessity, but an experience that you look forward to—a journey that is effortless, luxurious, and sustainable.

At JBM, we don't just build vehicles; we build the future of mobility. And with Galaxy, we are ushering in a new era—one where public transport is elevated to an experience that exceeds every expectation. It's time to leave behind the conventional and choose a future that's as luxurious as it is sustainable. Welcome to the Galaxy experience, where the road ahead is nothing short of extraordinary.

ENGINEERED FOR EXCELLENCE, CRAFTED TO OUTPERFORM

At the heart of our innovation is a commitment to simplifying cutting-edge technology, making it not only affordable but also user-friendly.

JBM Cadmium's mission is to drive decarbonization by transitioning from personal to public transport. With this goal in mind, it has leveraged its extensive knowledge of the EV industry and evolving consumer trends to build and strengthen a comprehensive and intelligent e-mobility proposition: the JBM E-Verse. This seamlessly integrates EVs, battery technology, power infrastructure, fast-charging systems, and power electronics, with expertise in customizing them for different geographies worldwide.



- Introducing the best-in-class, modern electric sleeper coach that sets new global benchmarks in performance, luxury, comfort, safety, and innovation.
- Powered by advanced Lithium-Ion battery packs, optimized for energy efficiency, delivering superior propulsion and leading to significant savings.
- Modular battery packs designed to cater to a wide range of customer requirements, ensuring flexibility and adaptability.
- Featuring CCS2 DC fast charging for seamless integration, ensuring quick turnaround times and enhanced operational efficiency.
- Equipped with a permanent magnet synchronous motor that offers high torque and exceptional power delivery for smooth, dynamic performance.
- Our integrated Battery Management System (BMS), Vehicle Control Unit (VCU), and telematics work together to ensure optimal vehicle health, safety, and performance.
- Global Service Network that enables its reach across the Globe.





Mobility 2.0

LEADING THE E-MOBILITY TRANSFORMATION

India's ambitious 'Viksit Bharat' vision—a developed India by 2047 prioritises e-mobility alongside digital payments and high-speed motorways to foster inclusive development. India is also aiming for Net Zero by 2070, making clean mobility solutions a must.

JBM Cadmium is paving the way for India's mobility transition. With its focus on bringing ground-breaking innovation to public transport, a holistic ecosystem approach, and a presence across all categories of e-buses, the Company is revolutionising transportation in India. JBM Cadmium is spearheading 'Mobility 2.0' by promoting cleaner, greener, and safer transportation. The Company is leading the change with indigenously developed vehicle technology, advanced battery systems, efficient charging infrastructure, operation, and maintenance services, and cutting-edge automotive products.

Backed by its superior manufacturing assets—the world's largest dedicated integrated EV Ecosystem and Electric bus manufacturing facility (excluding China)—and comprehensive in-house capabilities, JBM Cadmium is redefining the public transportation dynamics and setting new global standards. Safety, comfort, and reliability will transform public transport, making it a preferred choice of commuters over personal vehicles, thus paving the way for more sustainable mobility choices.

The Company's commitment to a greener future includes expediting its internal transformation to achieve its ambitious goal of becoming Net Zero by 2040, which is 30 years ahead of the national timeline. This relentless pursuit of sustainability underlines its dedication to empowering global e-mobility transformation and paving the way for a cleaner, healthier, and more promising tomorrow.



GLOBAL FOOT PRINT

JBM EV is building a Global foot print through Product Excellence and has deployed over 10000 electric buses across various geographies and applications globally. Many developed and developing countries are at the forefront of adopting sustainable, new-age mobility for mitigating the climate change and decarbonized trasporation. A strong mandate to transition to electric vehicles by the governments has led to a surge in demand for electric buses. However, legacy issues within the conventional bus industry are creating a significant supply demand gap. JBM EV is well-placed to seize this market opportunity. Its EV Ecosystem solution currently unmatched by other players is a compelling alternative to existing international players.

Our Global teams are placed in APAC, Europe, Middle East and Asia Pacific. Although India will remain one of the key markets, JBM EV intends to capitalise on the emerging market requirements in the electric-mobility domain, gaining new market access and expanding market share.

We have carried our product trials across multiple geographies in Europe, Middle East and Asia Pacific with renowned bus operators. These test drives have highlighted the adaptability of JBM e-buses to varying road conditions, climates and operational patterns. The success of these test trials have established JBM Electric Buses a viable solution for public transportation worldwide.

We have developed customised products for various applications such as high-end luxury coach, intercity bus, city bus, staff bus, school bus and Medical Mobile Unit. This marks the Company's foray into various developing and emerging markets with an array of products and solutions specifically tailored to provide end-to-end e-mobility ecosystem solutions

OUR MANUFACTURING STRENGTH

- Annual production capacity of 20,000 for different type of electric vehicles.
- Eco friendly plant Platinum Green certificate (Zero discharge)
- State of the art Innovation centers & test labs
- Highest plant productivity by using automation and frugal engineering
- Integrated electronics manufacturing & vendor park
- Digitalized plant with Industry 4.0, MES and virtual manufacturing



TOTAL COST OF OWNERSHIP

A market analysis conducted in partnership with D&B, a leading business information provider, indicates strong market potential for Coach & Intercity buses across the globe in standard sizes. JBM Cadmium is transitioning to zero-carbon fleets through its competitive solutions. JBM Cadmium provides best-in-class, seamlessly integrated EV platform solutions spread across the country,

offering optimal operating expenses with maximum performance across different terrains and temperature zones. The platform business also provides Electric Mobility-as-a-Service (eMaaS) in the B2G and B2B domains.



Crafting Comfort,
Defining Excellence.

GALAXY 

KEY FEATURES



GLOBAL SERVICE NETWORK



2 LAKH + KMS EVERY YEAR



20 SLEEPER +
22 SEATING CAPACITY



EXEMPLARY PASSENGER
COMFORT



ULTRA-FAST CHARGING



WORLD-CLASS HV
SAFETY



Where Elegance Meets
Unparalleled Comfort

GALAXY  **e12**

KEY FEATURES

 1000~ 1500 KMS PER DAY

 ULTRAFAST CHARGING ~ 60 MINS

 LUXURY ON WHEELS

 40~60 PASSENGERS

 BEST IN CLASS HV SAFETY

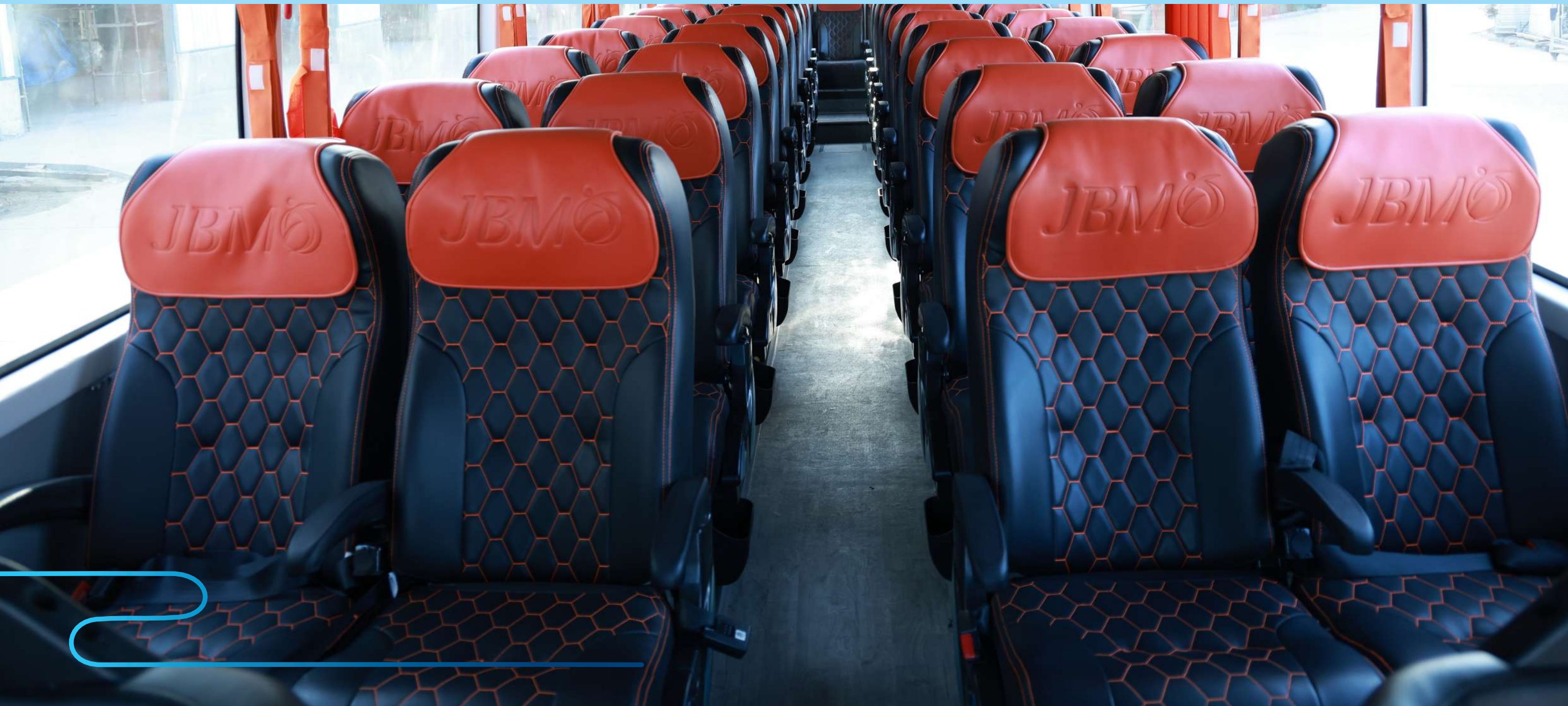
 ~95% UPTIME



UNMATCHED COMFORT, INNOVATIVELY CRAFTED FOR LUXURIOUS LIVING

Experience a ride like never before with our state-of-the-art electronically controlled air suspension, delivering an ultra-smooth and serene journey.

- Indulge in luxury reclining seats with built-in calf support for unmatched relaxation.
- Enjoy personalized reading lamps and adjustable AC louvers, giving you complete control over your comfort.
- Spacious legroom designed for maximum comfort, ensuring a premium long-distance travel experience.



REDEFINING SAFETY, ELEVATING PROTECTION

Carefully curated and developed, our vehicles are designed to provide unmatched levels of safety, ensuring peace of mind with every journey.



- Equipped with Electronic Braking System (EBS) and Anti-lock Braking System (ABS) paired with disc brakes, offering superior road control and stability.
- Advanced high-temperature cut-off for the battery and FDSS, ensuring optimal performance and preventing overheating.
- Integrated surveillance cameras and Vehicle Tracking System (VTS) to monitor and manage bus operations for enhanced security.
- Adhering to world-class IM and IL safety standards, providing the highest level of protection.
- Thoroughly tested for 1 million kilometers—both virtually and physically—to guarantee durability and reliability.
- Our Product Life-cycle Management (PLM) ensures 100% reliability and consistent safety throughout the vehicle's lifespan.
- Rigorous side-impact and rollover safety testing confirms compliance with the highest safety benchmarks.
- Large glass panels minimize blind zones, enhancing visibility and driving safety.

With every detail engineered for security, we've redefined safety to deliver confidence, reliability, and total peace of mind.

YOUR TRUSTED FLEET, ALWAYS ASSURED

Revolutionizing operations with cutting-edge technology, we provide an AI-based, real-time vehicle and fleet monitoring system to ensure efficiency and reliability at every step.



- Advanced telematics offering 24/7 access to the vehicle's health status, keeping you informed around the clock.
- Seamless firmware updates over the air, ensuring your fleet stays up-to-date with the latest features and improvements.
- Secure, configurable data storage with geo-fencing for enhanced control and privacy.
- On-board diagnostic system that proactively detects and resolves issues for minimal downtime.
- PAN India 3S after-sales network providing reliable service and support nationwide.
- Web and mobile apps for instant updates, enabling real-time tracking and monitoring for ultimate convenience.



TECHNICAL SPECIFICATION

Vehicle Description	Galaxy (12M Luxury Coach)
Variant	Seater
Vehicle Dimensions (L x W x H)	12400 mm X 2590 mm X 3695 mm
Wheel Base	6350 mm
Floor Height	1200 mm
Seating Capacity	49 Premium Reclining (2X2) + Driver + Co-driver
Front Axle	Heavy Duty Rigid Axle
Rear Axle	Fully Floating Banjo, Single reduction
Suspension	Front & Rear Electronically Controlled Air Suspension
Brakes	All Disc Brakes with ABS, EBS, EVSC & fully air brakes
Kneeling System	Available
Tyres (Front & Rear)	295/80 R22.5 Radial Tubeless
Structure & Bus Body	"High strength Corrosion resistant monocoque structure and Bus body as per AIS 052"
Exterior Panels	Front & Rear FRP; Side panel Aluminium, Stretched steel (optional)
Emergency Exits	Yes, As per AIS-052
Passenger doors	Automatic In-Swing door
Traction Motor	Permanent magnet synchronous Motor, 250 KW Max. Power
Steering System	Electro Hydraulic Power Steering with Tilt & Telescopic Adjustment
Max Speed	80 kmph
Battery Type	Advanced Li-ion Chemistry
Regenerative Braking System	Yes
Charging System	Plug-in fast charging (CCS-2)
HVAC	Yes
Driver's Comfort & Convenience	ECAS, EBS, EVSC, Hill hold, ADAS II (optional), Alcohol Detector
Passenger Comfort & Convenience	Premium reclining seat with Calf support (optional), Individual AC Louver, Reading Lamp & USB Charging, Vehicle Tracking, Bus kneeling for ease of boarding
HV Safety	Protection against Surge, Short Circuit, Overload Constant insulation monitoring and Interlock for safety
Passenger's Comfort & Convenience	Premium reclining seat with Calf support (optional), Individual AC Louver, Reading Lamp & USB Charging, Vehicle Tracking, Bus kneeling for ease of boarding
HV Safety	Protection against Surge, Short Circuit, Overload Constant insulation monitoring and Interlock for safety

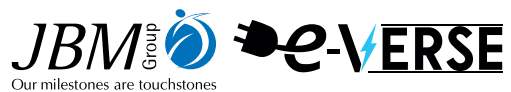




TECHNICAL SPECIFICATION

Vehicle Description	Galaxy (12M Luxury Coach)
Variant	Seater Sleeper
Vehicle Dimensions (L x W x H)	12400 mm X 2590 mm X 4050 mm
Wheel Base	6350 mm
Floor Height	1200 mm
Seating Capacity	20 Sleeper berths (2x1) + 22 Premium Reclining Seat with Calf Support + Driver + Co-driver
Front Axle	Heavy Duty Rigid Axle
Rear Axle	Fully Floating Banjo, Single reduction
Suspension	Front & Rear Electronically Controlled Air Suspension
Brakes	All Disc Brakes with ABS, EBS, EVSC & fully air brakes
Kneeling System	Available
Tyres (Front & Rear)	295/80 R22.5 Radial Tubeless
Structure & Bus Body	"High strength Corrosion resistant monocoque structure and Bus body as per AIS 052"
Exterior Panels	Front & Rear FRP; Side panel Aluminium, Stretched steel (optional)
Emergency Exits	Yes, As per AIS-052
Passenger doors	Automatic In-Swing door
Traction Motor	Permanent magnet synchronous Motor, 250 KW Max. Power
Steering System	Electro Hydraulic Power Steering with Tilt & Telescopic Adjustment
Max Speed	80 kmph
Battery Type	Advanced Li-ion Chemistry
Regenerative Braking System	Yes
Charging System	Plug-in fast charging (CCS-2)
HVAC	Yes
Driver's Comfort & Convenience	ECAS, EBS, EVSC, Hill hold, ADAS II (optional), Alcohol Detector
Passenger Comfort & Convenience	Individual AC Louver, Reading Lamp & USB Charging, Vehicle Tracking, Bus kneeling for ease of boarding, ambient lights, Individual TV Screens (optional), Premium reclining seat with Calf support, Sleeper berths with Cushion & Head Rest
HV Safety	Protection against Surge, Short Circuit, Overload Constant insulation monitoring and Interlock for safety
Passenger's Comfort & Convenience	Individual AC Louver, Reading Lamp & USB Charging, Vehicle Tracking, Bus kneeling for ease of boarding, ambient lights, Individual TV Screens (optional), Premium reclining seat with Calf support, Sleeper berths with Cushion & Head Rest



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