



VE COMMERCIAL VEHICLES
A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE
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TRUCKS AND BUSES







ELECTRIFYING THE WORLD OF LOGISTICS

Eicher Pro 2055 EV



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The new Eicher Pro 2055 EV is an efficient and smart innovation that plans to transform the face of logistics. It has been designed to perform in the e-commerce, FMCG and P&C segment with the profitability of the business in mind. Eicher's ground-up technology has integrated high-energy storing batteries, reliable all-electric driveline with unparalleled driver safety and comfort features to create this new-gen, efficient, clean and silent logistic solution.

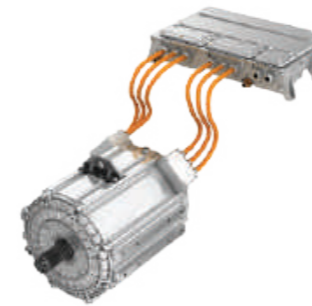


CUTTING EDGE INNOVATION

Eicher has developed an indigenous electric vehicle technology designed to perform in the e-commerce, FMCG and P&C environment and deliver a superior business profitability.



Batteries are compact, modular in design and safe for a long service life. Sealed in a robust commercial grade all-aluminium housing that's rugged enough, a superior Battery Management System with Advance Protection Unit ensures performance longevity. Equipped with active cooling, the batteries in Eicher Pro 2055 EV Truck offer fast charging convenience.



The direct driveline is capable of instantaneous performance with best-in-class combination of torque and power along with the low audible noise to improve the overall NVH in the truck. Motor is protected from ingress of dust, high temperature and even high pressure water. Lubricated for life propeller shaft ensures long life performance. This truck is purposely built to serve logistics anytime anywhere.



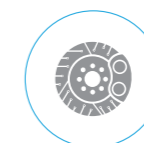
The Eicher Pro 2055 EV is equipped with cutting-edge technology capable of charging quickly which enhances the on-road time. Fast and fully automatic charging at end-stations keep the productivity up which further results in optimization of charging infrastructure costs.



POWER DRIVE



SAFE BATTERY TECH



REGENERATIVE BRAKING



FAST CHARGING

PROFITABLE BY DESIGN

With a focus on eco-friendly logistics, Eicher Pro 2055 EV truck has been engineered with the sole intention of transforming e-commerce, FMCG and P&C business landscape into an efficient and profitable one.



Intuitively Profitable

Best-in-class payload up to 2.2* tonne

Best-in-class loading span
with L12 cargo body

Better range of 162* km in single charge

Superior Reliability and Uptime

Robust product design for
superior reliability

Real-time vehicle monitoring

Intelligent Battery Management System

Paramount Safety and Comfort

All-wheel disc brakes

Liquid cooling system for battery,
motor and control

Up to 10 degrees cooler cabin

CREATING SUSTAINABLE VALUE IN EVERY TRIP

With an aim of bringing pathfinding innovation, Eicher supports a green and sustainable environment, delivering an efficient and productive solution through Eicher Pro 2055 EV truck.



A Class Apart

Thoughtfully designed Eicher Pro 2055 EV truck has a lot to offer. Dynamic design concepts of the Pro 2055 EV truck can be seen on the exterior with DRL. The interiors also compliment this with a walk through cabin design and smart gear shifter.



Walk through cabin



DRL lights



Smart gear shifter



Connected Services

Real-time tracking, fleet management, remote diagnostics and other value added services are now fast becoming a norm in order to improve productivity and Eicher leads this evolution through a 100% connected ecosystem, advanced telematics, My Eicher platform and a 24x7 Uptime Center. With this connected ecosystem, you can monitor the health of your entire fleet and extract the most for your business.



100% Connectivity



My Eicher platform



More trips per charge



Optimize Your Savings

The Eicher Pro 2055 EV truck means peace of mind. It offers an optimum total cost of ownership driving the ethos of delivering superior energy efficiency per kilometer and overall lower maintenance cost. The features ensure a superior Uptime, lower maintenance cost and relevant guidance to optimize charging infrastructure.



Lower total cost of ownership



Superior energy efficiency per kilometer



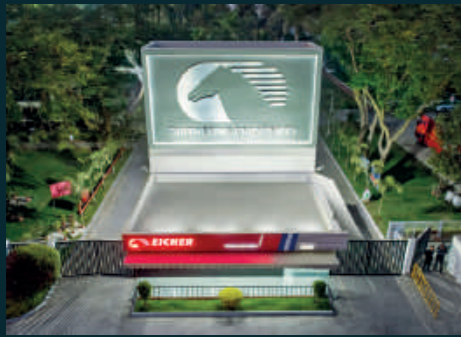
Lower maintenance cost

BUILT IN EICHER'S MODERN MANUFACTURING PLANT

Our manufacturing facilities are a manifestation of Volvo Group's global expertise and Eicher's frugal engineering and are the benchmark of the finest man-machine combination in the industry.

They focus on delivering world-class quality to the customers, while maintaining efficiency, safety and sustainability for the well-being of all the employees and its surrounding communities.

Our manufacturing facilities are certified for Integrated Management System, which includes Quality, Health and Safety, Environment and Energy Management.



Eicher has taken a step towards achieving superior Uptime with a responsive attitude that will set us apart and create a differentiated experience for our customers. With our new Uptime Center and Uptime Certified Workshops, we are now geared up with a proactive support system for diagnostic assistance with advanced tools.



IN-HOUSE ADVANCED TECHNOLOGY



24X7 LIVE SUPPORT



ON-SITE SERVICE SUPPORT



REMOTE DIAGNOSTICS



INFRA SOLUTION



MY EICHER



TECHNICAL SPECIFICATIONS

Parameters	Pro 2055 EV
Motor	
Type	Permanent Magnet Synchronous Motor
Peak Power	91kW
Peak Torque	310NM
HV Battery	
Make	Octillion
No. of Battery per vehicle	2
Battery Capacity	64.5 kWh
Chiller (Battery cooling system)	
Cooling Capacity	3.5 kW
Coolant	Water ethylene glycol 50:50
Driveline	
Prop Shaft	1410 Series
Final Drive Gear Ratio (FDR)	4.7
Front Axle	Reverse Elliot 'I' Beam Type
FRAME	
Type	Ladder type modular frame
C-Dimensions	172mm X 60mm X 5mm
STEERING	
Steering Type	Power steering
TCD	11.7 m

Parameters	Pro 2055 EV	
CABIN		
	1.8 meter Cabin	
BRAKES		
Brake Type	Front & Rear - Hydraulic Disc Brake	
CARGO BODY		
Type - CC	12 ft - Composite Container	
Overall Dimensions (Outer/inner)	WIDTH = 2160/2118 mm.	
	HEIGHT = 2515/2286 mm.	
	LENGTH = 3819/3777 mm.	
Type - MSC	12 ft - MS Container	
Overall Dimensions (Outer/inner)	WIDTH = 2160/2083 mm.	
	HEIGHT = 2515/2264 mm.	
	LENGTH = 3819/3664 mm.	
CHARGER SPECIFICATION		
AC Charger	Capacity	7.4 kW
	Charging protocol	AC Type 2
	Charging Type	AC Regular charging
DC Charger	Capacity	30 kW
	Charging protocol	CCS2
	Charging Type	DC Fast Charging

Parameters	Pro 2055 EV
SUSPENSION	
Front Suspension	Parabolic Leafs (With shock Absorbers)
ARB	Front and Rear
Rear Suspension	Semi Elliptical leaf spring
WHEELS & TYRES	
Tyre Size	Front, Rear & Spare - 7.5R16- 16PR
Wheel Rim	6.00G X 16
WEIGHT & DIMENSIONS	
Wheel Base	2935 mm
FOH	1200 mm
ROH (Container)	1486 mm
Front Wheel Track	1630 mm
Rear Wheel Track	1630 mm
FAW Laden (kg)	1924 kg
RAW Laden (kg)	3526 kg
GVW (kg)	5450 kg
Pay Load (Container)(kg)	CC-2209 kg MSC-1709 kg
Gradeability (Flying)	24%
Range (km)	162 km (ARAI)
Max Speed (kmph)	75 kmph (as per certification)

