

**ENVIRONMENT
CONSCIOUS MOBILITY**



**THE ALL NEW
INDIA'S MOST ADVANCED
PURE ELECTRIC BUS**

EKA 9

CITY BUS



#BharatKiEKA

BE SMART, GO ELECTRIC

EKA 9

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EKA is an indigenous electric automobile manufacturer, bringing sustainable new energy vehicle with a vision-conscious ecosystem for mass transportation. The company excels in the manufacturing electric buses, with lowest TCO and quality products, especially, to suit the changing requirements of the customer.



**MONOCOQUE
CHASSIS**



**FRONT & REAR
AIR SUSPENSION**



**DISC BRAKES
WITH EBS**



**SEATING CAPACITY
31 + WHEELCHAIR
+ DRIVER**



**WHEELCHAIR RAMP
FOR DIFFERENTLY
ABLED PASSENGERS**



**CCS2
CHARGING
SYSTEM**

Salient Features

COMFORT

- Wide body (2.5m) with 2x2 comfortable seating arrangement, front and rear air suspension with ECAS*, full standing height, wide aisle and ample leg space for passenger's comfort.
- Equipped with power steering, tilt and telescopic steering, and ergonomically designed center console that takes care of driver's comfort.
- EKA 9 comes with company fitted AC, demister and bacterial filtration system.

ECONOMY

- EKA 9 product architecture is designed to give the lowest Total Cost of Ownership. This is achieved by several cutting-edge technologies and lightweight high strength steel monocoque chassis.
- Its modular design and composite body ensures excellent TCO.

STYLE

- Designed to be friendly, the EKA 9 appears to be smiling, with its unique yet prominent smiley design that greets its passengers, and exudes reliability and trust, even when standing still.

PERFORMANCE

- EKA 9 city bus is powered by a Permanent Magnet Synchronous Motor (PMSM) with maximum power of 213 KW and maximum torque of 2352 Nm enabling it to give the best in class performance in terms of acceleration, top speed, and reliability.
- The bus is equipped with best-in class power to weight ratio, driveability & generates minimum noise for a smooth ride.
- EKA 9 comes with regenerative braking system.

SAFETY

- EKA 9 is setting a new standard with its ventilated disc brakes on all 4 wheels.
- EKA 9 has safest braking model in its class of vehicles with an advanced EBS.
- The bus also comes with driver assistance system (ADAS), cameras, emergency stop button, that gives additional safety to passengers.

CONVENIENCE*

- Convenient overhead hat racks to provide safe & secure storage.
- Well positioned & adjustable AC vents.
- Charging ports and foldable platforms for on-the-go connectivity.





EKA 9 specifications

GVW (Kg)	12000
L x W x H (mm)	9200 X 2500 X 3200
Seating Capacity	31 + Wheel Chair + Driver
Chassis	Monocoque
Maximum Power	213 Kw
Maximum Torque	2352 Nm
Transmission	Automatic
Steering	Power-Assisted
Suspension	Air Suspension / ECAS*
Brakes	Disc (Front & Rear)
Gradeability	> 17%
Maximum Speed	80 Km/hr
Climate Control	AC + Demister*
Tyre Size	Tubeless - 255/70 R22.5
Charging	Fast Charging, CCS2
Range	200 KM*
Safety	Short Circuit Protection/ Over Temperature Protection Lightning Protection

BATTERY SPECIFICATIONS

Battery Type	Lithium Ferrous Phosphate
Battery Capacity (kWhr)	200
Location of The Battery	Centre
Battery Cooling System	Liquid Cooled
Operating Voltage (V)	660
*Based on the vehicle range requirement	

CHARGER SPECIFICATIONS

Charging Mode	DC Fast Charging
Input Voltage	415 VAC +/-5% 50Hz
Output Voltage	750V
Output Current	200A / 400A
Install Form	Floor Mounted
Charging Time	90 Minutes*

*Customisations available as per customer requirement



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