

Technical Specification

Product	EiV12 - Low Floor
Application	Tarmac
Length (mm)	12000
Width (mm)	2550
Height (mm)	3500
Wheelbase (mm)	6320
Floor Height (mm)	363 (Entry)
Seating Capacity	25/21+D+Wheelchair+20 Standing
Tyres	275/70R 22.5-16PR
Max Speed (km/h)	75
Motor	Permanent Magnet Synchronous AC Motor Max. Power : 235 kW; Continuous Power : 140 kW
Battery Technology	LFP Battery 283kWh
Charging System	DC Fast Charging, CCS-2
Charge Time	~ 2 Hours
Suspension	Front & Air Suspension
Brakes	Disc at Front ; Drum at Rear

Specifications are subject to change. Certification work in progress. *All above mentioned features are subject to customer preferences and choice

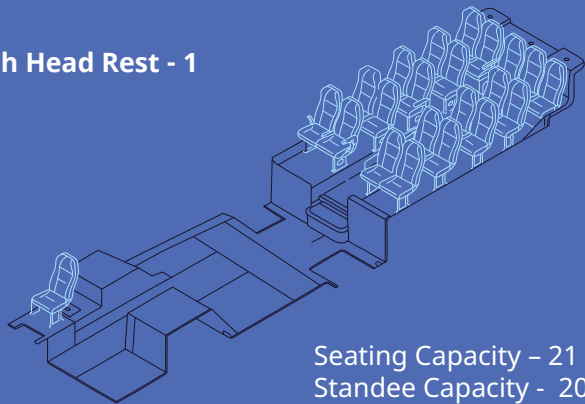
SWITCH
Move Better

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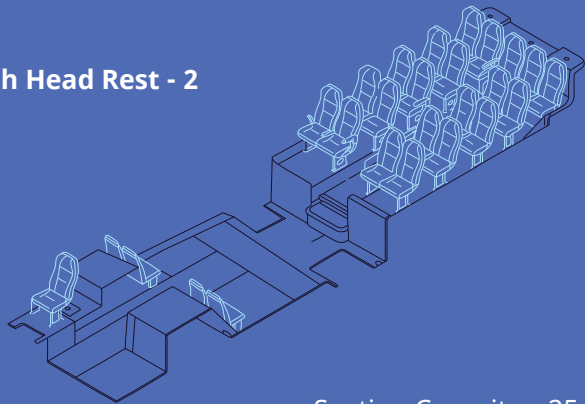
Seating Layout

High Head Rest - 1



Seating Capacity – 21 +D
Standee Capacity - 20 Nos.

High Head Rest - 2



Seating Capacity – 25 + D
Standee Capacity - 20 Nos.



SWITCH
EiV12
TARMAC



Next generation eBus

Introducing the SWITCH EiV12 Low floor bus, a cutting-edge Electric Bus redefining urban transportation. Built on Innovation, Technology, and Passenger Comfort, it blends advanced engineering with smart features for seamless travel. Its design ensures energy efficiency and sustainability, while state-of-the-art technology guarantees superior performance and reliability. Thoughtful engineering & styling elements provides an exceptional ride comfort to the passengers. Experience modern transit with the SWITCH EiV12 Low floor — where mobility meets innovation, comfort and sustainability.



Innovation & Technology

The Switch EiV12 Low floor exemplifies innovation and technology through its indigenous design, modular architecture, and advanced connectivity features. Built entirely in India, it offers scalable battery capacities, the highest seating capacity, and adaptable configurations for diverse applications. Its connected ecosystem includes ITMS, real-time vehicle monitoring, and fast plug-in charging. Safety is prioritized with rigorously testing of vehicle, multi-level battery protection, fire detection & suppression system, CCTV cameras, and automatic passenger counting, setting a new standard for electric mobility.



Passenger Comfort

The Switch Eiv12 prioritizes passenger comfort with low-floor entry along with kneeling & tilting mechanism to lower the floor further for passenger entry. The bus is equipped with power operated wheelchair ramp for easy & fast boarding of wheelchair passengers. Large glass area on the bus gives a high visibility with natural light & an enjoyable panoramic view of the city & surroundings. Along with provision of wide doors & a spacious gangway, the bus gives a high roominess & spacious feel to the passengers. A uniform seating layout in the rear ensures improved air circulation throughout the cabin & a pleasant ride till the last row of seats. These thoughtful design elements make urban travel truly comfortable and convenient.



Airport Bus

Suitable for all airports tarmac bus application



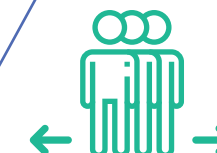
Ultra Low Entry

With kneeling feature to reduce entry height for passengers



Wide Entry Doors

For quick passenger ingress and egress



Large Standee Area

Accommodate more passengers with low congestion



Large Panoramic Glass

For Roomy feel & city landscape sightseeing



Floor Mounted Batteries

Lower center of gravity for excellent vehicle stability



Wheelchair Ramp

Manual or automated ramp for wheelchair entry



Safety

Equipped with Fire Detection & Suppression System (FDSS)