

Technical Specifications

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|---------------------------|--|
| Product | Double Decker 9.8m (AC / NAC) |
| Application | City / Mofussil / Tourist |
| Motor | Permanent Magnet Synchronous AC Motor; 235 KW Peak, 140 KW Continuous, 3100 Nm Peak |
| Battery technology | Advanced Lithium-Ion NMC chemistry with Modular battery options |
| Suspension | Front : Weveller Suspension; Rear : Air Suspension |
| Brakes | Disc Brakes at Front & Drum at Rear |
| Door Locations | FOH / ROH |
| Range | Up to 250KMs in a day with opportunity charging |
| Charging Time | 1.5 – 3 Hours |
| Floor Height (mm) | 900 |
| Height (mm) | 4750 |
| Length (mm) | 9800 |
| Width (mm) | 2600 |
| Wheel Base (mm) | 4860 |
| Seating Capacity | 63 + D |

*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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SWITCH
EiV22



EiV22

India's first Electric Double Decker

Designed, developed and manufactured in India and utilising SWITCH's global electric bus experience, SWITCH EiV22 is equipped with the latest technology, ultra-modern design, highest safety standards and best-in-class comfort features. The renewed iconic double decker is designed to revolutionize public transportation in the country and will set new standards in the intra-city bus market.

SWITCH EiV22 delivers exceptional drive performance and efficiency, and is embedded with proprietary, connected technology solutions, 'SWITCH iON', enabling remote, real-time diagnostics and monitoring services, as well as world-class digital battery management tools.

The ideal solution for Urban Commuting

With contemporary styling and feel-good interiors and exteriors, the double decker boasts of wide front and rear doors, two staircases and an emergency door complying with the latest safety standards. The AC offers effective cooling in India's hot climatic conditions, while the optimized seating for 65 passengers is the maximum number of seats to be offered in the given footprint.

Each seat has a light-weight cushion and the interiors come with car-like comfort for passenger convenience. This state-of-the-art electric double decker serves as an ideal solution for urban commuting, as they occupy significantly less road, terminal and depot floor space per seated passenger.



Advanced technology

- + SWITCH iON delivers more than 100 embedded connectivity features for authorities and operators to analyse and improve efficiency
- + Vehicle controlled software delivers range improvements of up to 20%
- + Latest safety features include fire detection, suppression and alarm systems



Battery technology

- + Advanced NMC technology provides higher energy density
- + Advanced cycle life and unique double gun charging up to 231kWh leading to <1 hour DC fast charging
- + Modular battery packs providing a range of up to 500km per day



High performance

- + Proven performance with uptime of over 98%
- + Improved drivability is delivered by permanent magnet synchronous motor
- + Lifetime product care through Switch's dedicated service teams



Passenger-focused environment

- + Latest air conditioning system and air purifiers deliver a comfortable environment in all conditions
- + Interior features such as USB charging, WiFi, reading lights and comfort seats with a recliner function ensure customers travel in comfort
- + Ultra-low floor option enables easy ingress and egress for all occupants