

SWITCH

IeV **SERIES**







ALL NEW

IeV **SERIES**

The Intelligent EV

The SWITCH IeV series marks a revolutionary leap in the eLCV segment, poised to transform the landscape of mid and last-mile transportation. These remarkable vehicles serve as a testament to SWITCH's global expertise and unwavering commitment to electrifying the logistics sector.

Built on a high-voltage, modular, and adaptable architecture, the Switch IeV series sets new standards for performance and comfort. It comes equipped with the proprietary connected technology solution 'SWITCH iON,' which enables remote real-time diagnostics and monitoring services. Additionally, its spacious cargo area accommodates containers of up to 340 cubic feet, rendering it a versatile and efficient choice for a wide array of transportation needs.

The IeV series vehicles have been meticulously designed to prioritize driver comfort. Featuring a dual-tone interior and clutchless operation, they ensure a fatigue-free experience behind the wheel. The sliding and reclining seat, coupled with a spacious and quiet cabin, takes care of all-day comfort for the driver. The spacious D+2 seating arrangement, foldable parking brake, and wider opening door enhance the co-driver's comfort as well.

With an industry-leading turnaround time, the Switch IeV is here to revolutionise the logistics landscape of the future. It represents a significant step forward in the world of last-mile logistics, promising a more efficient and sustainable future for urban mobility.



Features



Automatic Transmission



Electric Power Steering



Dual Tone Spacious Cabin
with D+2 Seating



Hill Hold Assist



Regenerative Braking



Liquid Cooled Battery
Pack



Reverse Park Alert



SWITCH iON
Telematics Solution



Warranty



Architecture

Our Body on Frame construction, combined with a 310 V High Voltage EV Architecture, sets the stage for unparalleled efficiency and performance.

Modular & Scalable

With a spacious cargo body extending up to 9.7 feet, capable of holding up to 340 cubic feet of containers, versatility is at the core of our design. Shared aggregates and charging infrastructure across our vehicles ensure seamless parts availability and simplified maintenance.

Comfort

Experience a journey like never before in our spacious cabin. Enjoy clutch-less operation, generous legroom, ample headroom, and the convenience of Sliding & Reclining Seats, along with Foldable Parking Brakes.

Ease of Driving

We've combined electric power steering, clutchless driving, and a touch-based gear shifter to craft an exceptionally comfortable driving experience for operators. The IeV Series boasts the lowest TCD in its category.

Range and Applications

Achieve up to 300 kilometers of operation in a single day, with a full charge taking less than 1 hour. Extend your range effortlessly with the power of Regenerative Braking.

Intelligent & Connected

Our state-of-the-art Switch iON system offers over 20 customized features, providing real-time vehicle information. Stay connected with insights into your vehicle's position, operating route, trip history, and the condition of EV aggregates, among others.



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Applications



Parcel & Courier



Ecommerce



FMCG



Organized Retail



White Goods



Beverages



LPG



Industrial Goods

Model Details	SWITCH TeV3	SWITCH TeV4
GVW (kg)	2590	3490
Payload (kg)	1250 (FSD)	1750 (FSD)
Wheelbase (mm)	2510	2590
Load Body Dimension-FSD (mm)	2645 x 1620 x 440 (8ft 7 inch x 5ft 4 inch x 1ft 6 inch)	2951 x 1750 x 488 (9ft 8in X 5ft 9in X 1ft 7in)
Container Suitability	270 CFT Container Suitability	340 CFT Container Suitability (Outer)*
EV Power Train Details		
Battery	25.6 kWh Advanced Lithium-ion Battery	32.2 kWh Advanced Lithium-ion Battery
Operating Voltage (V)	300V EV Architecture	300V EV Architecture
Motor	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motors (PMSM)
Peak Power (kW)	40	60
Peak Torque (Nm)	190	230
Performance		
ARAI Certified Range (km)	220*	206*
Real World Range (km)	140*	130*
Max. Geared Speed (kmph)	70	80
Gradeability (%)	22	22
Charging Details		
Charger Type	CCS2 (AC & DC)	CCS2 (AC & DC)
DC Charging	Fast Charging 55 mins (0 to 80%)	55 mins (10% to 80% Charging)
AC Charger (32A)	3 Hrs 45 Mins (0-80 % SOC)*	4 hrs (0-80 % SOC)*
AC Charger (16A)	8 Hrs 30 mins (0-80 % SOC)*	9 hrs (0-80 % SOC)*
Others		
Seating Capacity	D+1	D+2
Ground Clearance (mm)	177	206
Steering	Electric Power Steering	Electric Power Steering
Tyre - Front & Rear	185 R14 LT 8PR/10 PR	7.00 R15 LT 12 PR Radial
Front Suspension	Rigid Suspension	Rigid Suspension + Parabolic Leaf
Rear Suspension	Rigid Suspension	Rigid Suspension + Semi Elliptic Leaf
Brakes	Front - Disc Rear - Drum	Front - Disc Rear - Drum

* Terms and Conditions apply - All listed specifications are current and subject to change or upgrade without prior notice. The indicated range is determined based on a standard duty cycle. Recommended container outer dimension may vary subject to local body building. Warranty coverage applies to either a specified number of years or kilometers, whichever comes earlier. Charging duration varies depending on different factors. Additional Warranty comes with an additional cost.

Special Application Specifications

IeV3
Tipper

IeV4
Reefer



Model Details	SWITCH IeV3 Tipper
GVW (kg)	2590
Payload (kg)	1250 (FSD)
Net Available Payload (with Tipper) (kg)	900
Tipper Capacity Option	2.5, 3, 3.5 Cum
Tipping Angle	30-45* degree (customisable)
Partition	Dry:Wet:: 60:40* (customisable)
Hydraulic Kit	Standard National Vendor

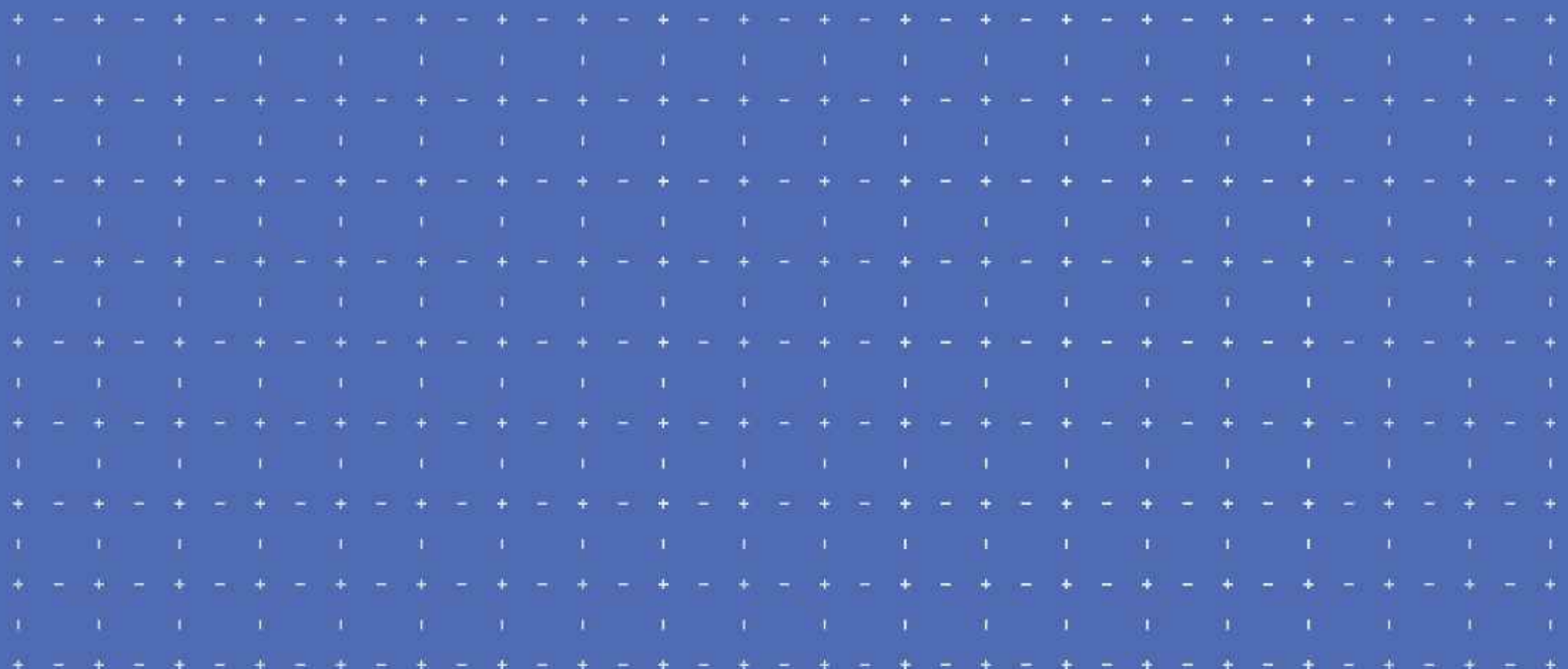
Model Details	SWITCH IeV4 Reefer
GVW (kg)	3490
Payload (kg)	1750 (FSD)
Net Available Payload (with Reefer) (kg)	1200

Reefer Body Dimensions	
Overall Length (External) mm	2980
Overall Width (External) mm	1790
Overall Height (External) mm	1900
Length (Inner) mm	2710
Width (Inner) mm	1560
Height (Inner) mm	1625
Insulation Thickness (mm)	All panel 100

Body Details	
Base Assembly	Sandwich Panel Construction
Flooring type	Anti Slip GRP */ Aluminium U section*/ Stainless Steel corrugate*/ Aluminium T section

Sandwich Panel Skin Type	
Floor	1.5mm GRP
Lateral Wall	1.5mm GRP
Roof	1.5mm GRP
Rear Door/Walls	1.5mm GRP
Sandwich Panel Thickness (mm)	100

Reefer Unit Details	
Temp/ Application	-25 Deg C to +25 Deg C
Voltage	300 V DC
Reefer Unit Weight (kg)	70
Refrigerant	R404



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Move Better

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