

EVNL3-RN models are built with a clamping class fascia in the front, combining electric motors with a drivetrain and battery system, offering a robust and efficient solution for various applications. These auto rickshaws, designed to accommodate 4 passengers plus the driver, are equipped with electric motors and offer an affordable and efficient transportation solution for various purposes such as shared auto business models, village and urban connectivity, school children pick-up and drop-off, company employee transportation, and last-mile connectivity through fleet operations. It is under **L3 category** and can be registered in the **Regional Transport Office (RTO)** throughout India, except in Tamilnadu and Telangana, similar to ICE engine diesel vehicles.

EVNL3-RN



Available Colors





SPECIFICATION

E-Rickshaw	EVNL3-RN	EVNL3-RN+
ATTRIBUTE		
VEHICLE CATEGORY	L3 PASSENGER	L3 PASSENGER
VEHICLE SEATING/ LOADING CAPACITY	DRIVER +4	DRIVER +4
BATTERY, CONTROLLER & POWER		
MOTOR TYPE	BLDC MOTOR & POWERTRAIN	BLDC MOTOR & POWERTRAIN
BATTERY TYPE	LEAD ACID	LITHIUM-ION-LFP
BATTERY VOLTAGE	48 V	48 V
BATTERY CAPACITY	140 AH	100 AH
MOTOR POWER	1.2 KW	1.2 KW
PEAK TORQUE	21 NM	21 NM
CONTROLLER	24 Tube MOSFET	24 Tube MOSFET
SPEED	≤25kmph	≤25kmph
CLIMBING	≤5 Degree	≤5 Degree
TRANSMISSION		
TRANSMISSION TYPE	DIFFERENTIAL	DIFFERENTIAL
SUSPENSION & BRAKES		
FRONT SUSPENSION	HYDRAULIC 43MM	HYDRAULIC 43MM
REAR SUSPENSION	LEAF SPRING WITH DAMPENER	LEAF SPRING WITH DAMPENER
STEERING	HANDLE BAR	HANDLE BAR
BRAKE	DRUM BRAKE HYDRAULICALLY ACTUATED	DRUM BRAKE HYDRAULICALLY ACTUATED
WHEEL	2.15J-12"	2.15J-12"
TYRE	3.75-12	3.75-12
DIMENSION		
WHEELBASE	2130 MM	2130 MM
MINIMUM GROUND CLEARANCE	180 MM	180 MM
DIMENSIONS(LXWXH)	Length 5 x Width 3.5 x Height 4.15 Ft / Length 6 x Width 4.5x x Height 4.15 Ft	Length 5 x Width 3.5 x Height 4.15 Ft / Length 6 x Width 4.5x x Height 4.15 Ft
WEIGHTS		
GROSS VEHICLE WEIGHT (WITH BATTERIES)	699 Kg	699 Kg
PAYLOAD	300 Kg & Maximum 500 Kg	300 Kg & Maximum 500 Kg
PERFORMANCE		
TOP SPEED	<25 KMPH	<25 KMPH
TYPICAL DRIVING RANGE	70 TO 90 KM	70 TO 90 KM
GRADEABILITY	12%	12%
CHARGER		
CHARGER TYPE	OFF-BOARD CHARGER 230 V, AC , 50 Hz	OFF-BOARD CHARGER 230 V, AC , 50 Hz
CHARGE DURATION	5-6 HRS	5-6 HRS
OTHERS		
FRONT WIND SHIELD	LAMINATED GLASS WITH WIPER & ITS MOTOR	LAMINATED GLASS WITH WIPER & ITS MOTOR
HEADLIGHT & ROOF LIGHT	HALOGON	HALOGON
METER	ANALOG / DIGITAL METER	ANALOG / DIGITAL METER
BUMPER	ATTRACTIVE FRONT & REAR BUMPER	ATTRACTIVE FRONT & REAR BUMPER
ACCESSORIES	TOOL KIT, REVERSE BUZZER, REVERSE CAMERA, GLOVE BOX	TOOL KIT, REVERSE BUZZER, REVERSE CAMERA, GLOVE BOX

EVNL3-RN utilizes Valve Regulated Lead Acid (VRLA) batteries, while EVNL3-RN+ is equipped with Lithium Iron Phosphate (LFP) batteries. This differentiation allows for flexibility in choice based on specific needs and preferences regarding battery performance and longevity.



E-Cart



E-Auto



E-Rickshaw



E-Delivery
Cart



E-Golf Cart



E-Bus