

EVNL3 - HV model E-Cart efficient **front fascia** that combines electric motors with a drivetrain and battery system. They feature an open-body loading container with a hydraulic lift and with driver cabin, making them ideal for applications such as garbage collection in both village and urban settings, especially in small streets, and carrying construction materials like sand and bricks. They are also suitable for small merchants delivering grocery items, various industrial applications and agricultural applications for collection of vegetable, coconut and banana and the collection of milk and supplies. It can be a similar to diesel ICE vehicles, it is registered at any **Regional Transport Office (RTO)** in India and is categorized as an **L3 vehicle**.

EVNL3 - HV



Available Colors





SPECIFICATION

E-Cart	EVNL3 - HV	EVNL3 - HV+
ATTRIBUTE		
VEHICLE CATEGORY	L3 LOADING CART	L3 LOADING CART
VEHICLE SEATING/ LOADING CAPACITY	Driver & 500 Kg / 1 Ton	Driver & 500 Kg / 1 Ton
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

EVN3 HV utilizes Valve Regulated Lead Acid (VRLA) batteries, while EVN3 HV+ 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