

V6



LCD Display	Parking Button
Cruise Control	Disk Brake
Remote Lock	Smart Charger

The V6 model of high-speed motorcycles combines safety with performance to provide a superior riding experience with a masculine look. Incorporating electric motors, a drivetrain, and a battery system meeting international standards, it achieves speeds of up to 80 km/hr and offers a mileage of up to 120 km per charge. This model can be registered like an ICE engine petrol bike at any Regional Transport Office (RTO) across India, falling under the L2 category.

Lithium Iron Phosphate (LFP) batteries, and Li-Ion NMC batteries, the V6 offers flexibility based on specific needs and preferences regarding battery performance and longevity. This vehicle loaded with essential features and ensuring a secure, safe, and fast riding experience.

3 Ride Modes Eco / City / Sport	Customised Battery	Water Resist Motor
Anti Theft Alarm	Connected Bike Technology	NMC & LiFePo ₄
Parking Assist Flash	Regenerative Braking	Side Stand Sensor

Comfort Riding & Large Leg Space	Noise Free Vehicle	Mobile Charging USB Port	Electronic Control Unit (ECU)	Telescopic Shocker
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SPECIFICATION - V6

Vehicle Details	
Motor Power	4.3 kW a / at 700 min-1 / 5000 W
Motor Voltage	72V
Controller	24-tube
Rated Torque	40.0 Nm
Energy Consumption	31 Wh/km
Motor rpm	1200
Climbing Slope	26°/1 person 70kg
Max Speed (km/h)	80 km/hr
Meter Type	LCD
Brake System (front/rear)	Both CBS disc
Shock Absorber (front/rear)	Hydraulic
Tyre Size(F/R)	110/70-17 M/C
Tyre Recommended Pressure	255kPa
Product Dimension (L×W×H)	2060*740*1150mm
Wheelbase & Rim size	1440mm
Mass in Running Order	111 kg
Actual Mass	215 kg
Technically Permissible Maximum Laden Mass	290 kg
Technically Permissible Maximum Mass on Front Axle	109 kg
Technically Permissible Maximum Mass on Rear Axle	181 kg
Frame Steel	Alloy

Battery Details		
charging Time	3-4 hours	
Charger Ratings	Input Voltage: 220 V AC, Frequency: 50Hz & Current rating 10 Amps	
Battery Types		
Li-Ion NMC Battery	Li-Ion NMC Battery	Li-Ion LFP Battery
72.5 V 60 Ah battery with Charger - 20 Amps	72.5 V 41.6 Ah battery with Charger - 10 Amps	73.6 V 100 Ah battery with Charger - 20 Amps
Battery Life		
1000 Charging cycles	1000 Charging cycles	2000 Charging cycles
Mileage Range [#]		
90-130 Km	57-70 Km	180-220 Km

#mileage of electric vehicles depends on various factors, including loading weight, road conditions, vehicle speed, model type, and driving habits. Mileage is calculated for each model when fully charged and operated under standard conditions. Consequently, actual mileage may vary based on different circumstances and conditions over time.

WARRANTY DETAILS

Motor	1 Year (Warranty coverage can include either replacement or fault rectification service, depending on suitability and severity).
Controller	1 Year (Warranty coverage can include either replacement or fault rectification service, depending on suitability and severity).
Converter	1 Year (Warranty coverage can include either replacement or fault rectification service, depending on suitability and severity).
Charger	1 Year (Warranty coverage can include either replacement or fault rectification service, depending on suitability and severity).

Battery Warranty Conditions

LFP battery	3 Years Warranty (1-year replacement and 2-years of service care is covered) or 5 Years Warranty (with \$Additional Cost) (2-year replacement and 3-years of service care is covered)
NMC battery	3 Years Warranty (1-year replacement and 2-years of service care is covered)