

# RACER



LCD Display



Parking Button



Cruise Control



Disk Brake



Remote Lock



Smart Charger

The **RACER** low-speed scooter is a budget-friendly vehicle designed for both men and women, offering a blend of performance and safety for an enjoyable riding experience, especially when used alongside a family utility vehicle. It features a spacious and rugged design, capable of traveling up to 90 kilometers on a single charge at speeds of up to 45 km/h.

The scooter meets international standards with BLDC electric motors, a battery system, and drivetrain integration. Like conventional petrol bikes, it falls under the **L1 category** and can be registered at any Regional Transport Office (RTO) in India.

It is available with three types of batteries: Lithium Iron Phosphate (LFP), Li-Ion NMC.



3 Ride Modes  
Eco / City / Sport



Customied  
Battery



Water Resist  
Motor



Anti Theft  
Alarm



Connected Bike  
Technology



NMC &  
LiFePo<sub>4</sub>



Parking Assist  
Flash



Regenerative  
Braking



Side Stand  
Sensor



Comfort  
Riding &  
Large Leg  
Space



Noice  
Free  
Vehicle



Mobile  
Charging  
USB Port



Electronic  
Control  
Unit (ECU)



Telescopic  
Shocker

## SPECIFICATION - RACER

Vehicle Details	
Motor Power	1.5 kW a / at 410 min-1
Motor Voltage	60 V
Controller	12-tube
Rated Torque	27.0 Nm
Energy Consumption	38 Wh/km
Motor rpm	1200
Climbing Slope	15°/1 person 70kg
Max Speed (km/h)	45 km/hr
Meter Type	LED
Brake System (front/rear)	F/R disc 180mm thickness 3.0 mm
Shock Absorber (front/rear)	Hydraulic
Tyre Size(F/R)	3.00-10, 42J (OR) 3.50-10, 51J
Tyre Recommended Pressure	250 kPa
Product Dimension (L×W×H)	1890*680*1130 mm
Wheelbase & Rim size	1320mm
Mass in Running Order	63 kg
Actual Mass	188 kg
Technically Permissible Maximum Laden Mass	263 kg
Technically Permissible Maximum Mass on Front Axle	90 kg
Technically Permissible Maximum Mass on Rear Axle	123 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 LFP Battery	Li-Ion NMC Battery
60.8V 30Ah Battery with Charger - 5 Amps/ 10 Amps	61.2 V 36Ah Battery with Charger - 5 Amps/ 10 Amps
Battery Life	
2000 Charging cycles	1000 Charging cycles
Mileage Range <sup>#</sup>	
60-80 Km	70-90 Km
<p><sup>#</sup>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.</p>	

## WARRANTY DETAILS

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

### Battery Warranty Conditions

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