

# SWITCH TO CLEAN MOBILITY & ENJOY RIDE ECONOMICALLY



## EVNEXUS



### 8 RTO APPROVED MODELS

L1 & L2 CATEGORY



Customised  
Battery  
Capacity

Lifetime  
Service &  
Support



E-Scooter



E-Motorcycle



Charging  
Station



Battery  
Swapping



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## ABOUT US

Founded in 2019, **EVNEXUS PRIVATE LIMITED** aims for sustainable transportation with a visionary concept and a focus on developing cutting-edge mobility solutions powered by progressive design and energy-efficient technology. Our mission is to build an ecosystem of high-performance electric vehicles and future-ready energy infrastructure.

## OUR OBJECTIVE



“ **The true joy of nature is when every drop of water shines like a pearl,** ”

represents the beauty and relevance of sustainability, and its location is EVNEXUS for green mobility solutions. **ISO certified 9001:2015 company.**

## DESIGNED FOR EVERYONE

Get ready to experience a new kind of speed, agility, and ease on electric vehicles. With **EVNEXUS**, customers can ride through cities, rural routes, or really anywhere across the country. Our electric vehicles are designed for everyone: women, adults, youngsters, businessmen, farmers, and milkmen. High end Design of Electric Mobility Solutions bringing to your hand with an engineering experts to develop, manufacture, sell, and service. EVs globally without compromising on performance, safety, or aesthetics. We deliver world-class electric mobility solutions that transform the way people move.

### Modular Design

Our EV modular design allows for simple construction, easy replacement, and multiple configurations, appealing to a diverse range of users and age groups. Designing for user diversity ensures our vehicles are inclusive.

### Smart Vehicles

Our vehicles are more than just transportation, they are digitally empowered devices on wheels. With a suite of software tools, they connect and communicate with the world around them, enhancing performance and user experience.

### Sustainable Materials

We use high-quality plastics and steels that are lightweight, robust, and recyclable, along with advanced battery chemistry ingredients that minimize environmental impact.

### Business Opportunity

Discover exciting collaboration opportunities and be a part of building India's EV ecosystem.



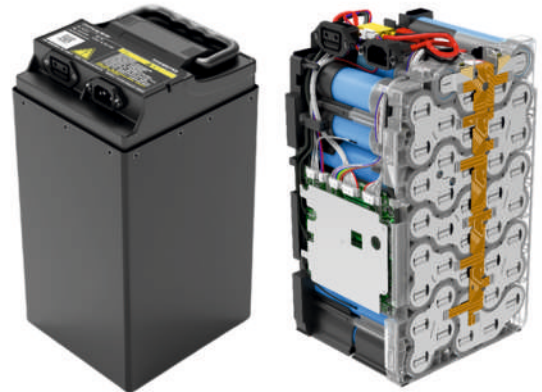
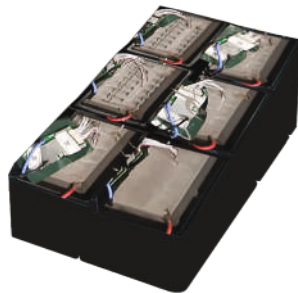
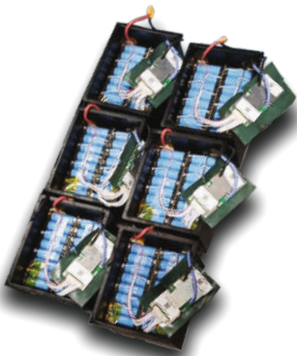
# OUR TECHNOLOGY MODELS

## ADVANCED MOTOR TECHNOLOGY

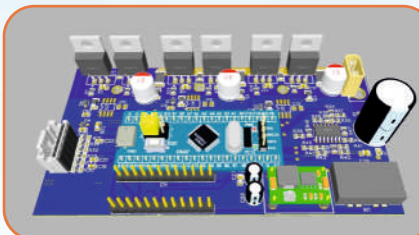


## SPECIALY DESIGNED BATTERY

Specially Designed For Two-Wheeled Vehicle Customers



## SMART CONTROLLER



## SMART CHARGER



# 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<sub>4</sub>



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

## 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		
3000 Charging cycles	2000 Charging cycles	4000 Charging cycles
Mileage Range <sup>#</sup>		
90-130 Km	57-70 Km	180-220 Km

<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.

## 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)

# E5



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

The **E5** motorbike combines performance and safety to offer an enjoyable riding experience, especially when paired with a family utility vehicle. It can travel up to 120 kilometers on a single charge at a speed of 45 km/h.

The bike integrates international standards with BLDC electric motors, a battery system, and drivetrain. 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



Customised  
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



Noise  
Free  
Vehicle



Mobile  
Charging  
USB Port



Electronic  
Control  
Unit (ECU)



Telescopic  
Shocker

## SPECIFICATION - E5

Vehicle Details	
Motor Power	3.2 kw at 326 min-1
Motor Voltage	72V
Controller	24-tube
Rated Torque	89.0 Nm
Energy Consumption	35Wh/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)	Front : 110/70-17 M/C Rear : 120/80-16 M/C
Tyre Recommended Pressure	Front : 225 kPa Rear : 250 kPa
Product Dimension (L×W×H)	1980*832*1095 mm
Wheelbase & Rim size	1370 mm
Mass in Running Order	86 kg
Actual Mass	170 kg
Technically Permissible Maximum Laden Mass	245 kg
Technically Permissible Maximum Mass on Front Axle	77 kg
Technically Permissible Maximum Mass on Rear Axle	168 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		
3000 Charging cycles	2000 Charging cycles	4000 Charging cycles
Mileage Range <sup>#</sup>		
90-130 Km	57-70 Km	180-220 Km

<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.

## 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)

# E5-FY








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

The FY motorbike is typically small in size, making it suitable for college students on a budget, while combining performance and safety for an enjoyable riding experience when paired with a family utility vehicle. It can travel up to 120 kilometers on a single charge, at a speed of 45 km/h.

The bike integrates international standards with BLDC electric motors, a battery system, and drivetrain. 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	 Customised 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	 Noise Free Vehicle	 Mobile Charging USB Port	 Electronic Control Unit (ECU)	 Telescopic Shocker
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# SPECIFICATION - E5-FY

Vehicle Details	
Motor Power	3.2 kw at 326 min-1
Motor Voltage	72V
Controller	24-tube
Rated Torque	89.0 Nm
Energy Consumption	35Wh/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)	Front : 90/90-12 54 J Rear : 90/90-12 54 J
Tyre Recommended Pressure	Front : 225 kPa Rear : 250 kPa
Product Dimension (L×W×H)	1810*755*1012 mm
Wheelbase & Rim size	1370 mm
Mass in Running Order	86 kg
Actual Mass	170 kg
Technically Permissible Maximum Laden Mass	245 kg
Technically Permissible Maximum Mass on Front Axle	77 kg
Technically Permissible Maximum Mass on Rear Axle	168 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		
3000 Charging cycles	2000 Charging cycles	4000 Charging cycles
Mileage Range <sup>#</sup>		
90-130 Km	57-70 Km	180-220 Km

<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.

## 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)

# WSP



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

The **WSP** high-speed scooter can be used by both men and women, offering a blend of performance and safety for an enjoyable riding experience, especially when paired with a family utility vehicle. It can travel up to 120 kilometers on a single charge at a speed of 75 km/h.

The scooter integrates international standards with BLDC electric motors, a battery system, and drivetrain. Like conventional petrol bikes, it falls under the **L2 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



Customized  
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



Noise  
Free  
Vehicle



Mobile  
Charging  
USB Port



Electronic  
Control  
Unit (ECU)



Telescopic  
Shocker

# SPECIFICATION - WSP

Vehicle Details	
Motor Power	2.7 kW at 715 r/m
Motor Voltage	72V
Controller	24-tube
Rated Torque	20.5 Nm
Energy Consumption	31 Wh/km
Motor rpm	4000
Climbing Slope	15°/1 person 70kg
Max Speed (km/h)	72 km/hr
Meter Type	LCD
Brake System (front/rear)	Both ABS & CBS disc 220 mm, thickness 3.0 mm
Shock Absorber (front/rear)	Hydraulic
Tyre Size(F/R)	90/90-12 54 J
Tyre Recommended Pressure	250 kPa
Product Dimension (L×W×H)	1905*710*1140mm
Wheelbase & Rim size	1340mm & 2.15"-12"
Mass in Running Order	71 kg
Actual Mass	167 kg
Technically Permissible Maximum Laden Mass	242 kg
Technically Permissible Maximum Mass on Front Axle	84 kg
Technically Permissible Maximum Mass on Rear Axle	158 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
73.6V 30Ah battery with Charger - 10 Amps/ 5 Amps	72.5 V 41.6 Ah battery with Charger - 10 Amps/ 5 Amps
Battery Life	
3000 Charging cycles	900 Charging cycles
Mileage Range <sup>#</sup>	
57-70 Km	90-130 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)



# H1



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

The H1 high-speed scooter is designed for both men and women, offering a combination of performance and safety for an enjoyable riding experience, particularly when used alongside a family utility vehicle. It features a spacious and rugged design, capable of traveling up to 120 kilometers on a single charge at speeds of up to 75 km/h.

The scooter adheres to international standards with BLDC electric motors, a battery system, and drivetrain integration. Like conventional petrol bikes, it falls under the L2 category and can be registered at any Regional Transport Office (RTO) in India.

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

 3 Ride Modes Eco / City / Sport	 Customised 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	 Noise Free Vehicle	 Mobile Charging USB Port	 Electronic Control Unit (ECU)	 Telescopic Shocker
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# SPECIFICATION - HI

Vehicle Details	
Motor Power	2.7 kW at 715 r/m
Motor Voltage	72V
Controller	24-tube
Rated Torque	20.5 Nm
Energy Consumption	31 Wh/km
Motor rpm	4000
Climbing Slope	15°/1 person 70kg
Max Speed (km/h)	72 km/hr
Meter Type	LCD
Brake System (front/rear)	Both ABS & CBS disc 220 mm, thickness 3.0 mm
Shock Absorber (front/rear)	Hydraulic
Tyre Size(F/R)	90/90-12 54 J
Tyre Recommended Pressure	250 kPa
Product Dimension (L×W×H)	1850*760*1180mm
Wheelbase & Rim size	1310mm & 2.15"-12"
Mass in Running Order	67 kg
Actual Mass	163 kg
Technically Permissible Maximum Laden Mass	238 kg
Technically Permissible Maximum Mass on Front Axle	87 kg
Technically Permissible Maximum Mass on Rear Axle	151 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
73.6V 30Ah battery with Charger - 10 Amps/ 5 Amps	72.5 V 41.6 Ah battery with Charger - 10 Amps/ 5 Amps
Battery Life	
3000 Charging cycles	900 Charging cycles
Mileage Range <sup>#</sup>	
57-70 Km	90-130 Km

<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.

## 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)



# ZL3



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

The ZL3 Low-speed scooter and low budget vehicle with affordable price. It is designed for both men and women, offering a combination of performance and safety for an enjoyable riding experience, particularly when used alongside a family utility vehicle. It features a spacious and rugged design, capable of travelling up to 90kilometers on a single charge at speeds of up to 45 km/h.

The scooter adheres to 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 equipped with three types of batteries: Lithium Iron Phosphate (LFP), Li-Ion NMC.

3 Ride Modes Eco / City / Sport	Customised 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	Noise Free Vehicle	Mobile Charging USB Port	Electronic Control Unit (ECU)	Telescopic Shocker
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## SPECIFICATION - ZL3

Vehicle Details	
Motor Power	1.7 kW at 520 r/m
Motor Voltage	60 V
Controller	12-tube
Rated Torque	18.0 Nm
Energy Consumption	38 Wh/km
Motor rpm	4000
Climbing Slope	15°/1 person 70kg
Max Speed (km/h)	50 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 42 J
Tyre Recommended Pressure	250 kPa
Product Dimension (L×W×H)	1860*690*1145mm
Wheelbase & Rim size	1330mm & 2.15"-10"
Mass in Running Order	61 kg
Actual Mass	167 kg
Technically Permissible Maximum Laden Mass	242 kg
Technically Permissible Maximum Mass on Front Axle	79 kg
Technically Permissible Maximum Mass on Rear Axle	163 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	
3000 Charging cycles	900 Charging cycles
Mileage Range <sup>#</sup>	
60-90 Km	70-108 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)

# 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



Customised  
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



Noise  
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	
3000 Charging cycles	900 Charging cycles
Mileage Range <sup>#</sup>	
60-90 Km	70-108 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)



# IGOR





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

The IGOR low-speed scooter is a budget-friendly vehicle designed for both men and women, offering a combination of performance and safety for an enjoyable riding experience, particularly 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 adheres to 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 equipped with three types of batteries: Lithium Iron Phosphate (LFP), Li-Ion NMC.

 3 Ride Modes Eco / City / Sport	 Customised 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	 Noise Free Vehicle	 Mobile Charging USB Port	 Electronic Control Unit (ECU)	 Telescopic Shocker
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# SPECIFICATION - IGOR

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)	1810*710*1100 mm
Wheelbase & Rim size	1320mm
Mass in Running Order	146 kg
Actual Mass	63kg
Technically Permissible Maximum Laden Mass	221 kg
Technically Permissible Maximum Mass on Front Axle	71 kg
Technically Permissible Maximum Mass on Rear Axle	150 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	
3000 Charging cycles	900 Charging cycles
Mileage Range <sup>#</sup>	
60-90 Km	70-108 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)



# XSALE

## SLOW SPEED SCOOTER



LCD Display



Parking Button



Cruise Control



Disk Brake



Remote Lock



Smart Charger

In the Central Motor Vehicles Rules, 1989 (hereinafter referred to as the said rules), in rule 2, in clause (u), for the proviso, the following shall be substituted, namely:-

“Provided that a two wheeled battery operated vehicle shall not be deemed to be a motor vehicle if all the following conditions are verified and authorised by any testing agency specified in rule 126, namely:-

- a. Vehicle is equipped with an electric motor having thirty-minute power less than 0.25 kW;
- b. Maximum speed of the vehicle is less than 25 km/hr;
- c. Vehicle is fitted with suitable brakes and retro-reflective devices, i.e. one white reflector in the front and one red reflector at the rear;
- d. Unladen weight (excluding battery weight) of the vehicle is not more than 60 kg;
- e. In case of pedal assisted vehicle equipped with an auxiliary electric motor, in addition to above, the thirty minute power of the motor is less than 0.25 kW, whose output is progressively reduced and finally cut off as the vehicle reaches a speed of 25 kmlhr, or sooner, if the cyclist stops pedalling”.



Comfort  
Riding &  
Large Leg  
Space



Noise  
Free  
Vehicle



Mobile  
Charging  
USB Port



Electronic  
Control  
Unit (ECU)



Telescopic  
Shocker



# ZL



LCD Display



Parking Button



Cruise Control



Disk Brake



Remote Lock



Smart Charger

In the Central Motor Vehicles Rules, 1989 (hereinafter referred to as the said rules), in rule 2, in clause (u), for the proviso, the following shall be substituted, namely:-

“Provided that a two wheeled battery operated vehicle shall not be deemed to be a motor vehicle if all the following conditions are verified and authorised by any testing agency specified in rule 126, namely:-

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- Maximum speed of the vehicle is less than 25 km/hr;
- Vehicle is fitted with suitable brakes and retro-reflective devices, i.e. one white reflector in the front and one red reflector at the rear;
- Unladen weight (excluding battery weight) of the vehicle is not more than 60 kg;
- In case of pedal assisted vehicle equipped with an auxiliary electric motor, in addition to above, the thirty minute power of the motor is less than 0.25 kW, whose output is progressively reduced and finally cut off as the vehicle reaches a speed of 25 kmlhr, or sooner, if the cyclist stops pedalling”.



Comfort Riding & Large Leg Space



Noise Free Vehicle



Mobile Charging USB Port



Electronic Control Unit (ECU)



Telescopic Shocker



# SL



In the Central Motor Vehicles Rules, 1989 (hereinafter referred to as the said rules), in rule 2, in clause (u), for the proviso, the following shall be substituted, namely:-

“Provided that a two wheeled battery operated vehicle shall not be deemed to be a motor vehicle if all the following conditions are verified and authorised by any testing agency specified in rule 126, namely:-

- a. Vehicle is equipped with an electric motor having thirty-minute power less than 0.25 kW;
- b. Maximum speed of the vehicle is less than 25 km/hr;
- c. Vehicle is fitted with suitable brakes and retro-reflective devices, i.e. one white reflector in the front and one red reflector at the rear;
- d. Unladen weight (excluding battery weight) of the vehicle is not more than 60 kg;
- e. In case of pedal assisted vehicle equipped with an auxiliary electric motor, in addition to above, the thirty minute power of the motor is less than 0.25 kW, whose output is progressively reduced and finally cut off as the vehicle reaches a speed of 25 kmlhr, or sooner, if the cyclist stops pedalling”.



Comfort Riding & Large Leg Space



Noise Free Vehicle



Mobile Charging USB Port



Electronic Control Unit (ECU)



Telescopic Shocker



# SPECIFICATION FOR SLOW SPEED SCOOTERS

## Vehicle Details

Motor Power	250 W
Motor Voltage	60 V
Controller	12-tube
Rated Torque	18.0 Nm
Energy Consumption	38 Wh/km
Motor rpm	1500
Climbing Slope	15°/1 person 70kg
Max Speed (km/h)	25 km/hr
Meter Type	LED
Brake System (front/rear)	F/R disc 180mm thickness 3.0 mm
Shock Absorber (front/rear)	Hydraulic

## 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	VRLA Battery
60.8V 30Ah Battery with Charger - 5 Amps/ 10 Amps	61.2 V 36Ah Battery with Charger - 5 Amps/ 10 Amps	60 V 30Ah VRLA battery & Charger - 5 Amps

## Battery Life

3000 Charging cycles	900 Charging cycles	300 Charging cycles
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## Mileage Range<sup>#</sup>

60-90 Km	70-108 Km	50-80 Km
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<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.

## 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)
VRLA battery	<b>1 Year Warranty</b> (1-year replacement of service care is covered)



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



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## EVNEXUS PRIVATE LIMITED

ISO 9001:2015 Certified Company

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