

Electric Vehicle

Powering your ride with innovative batteries for a cleaner, brighter world



2 Wheeler

E Scooter

E Bike

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E Bike

The battery in an E-Bike plays a crucial role in powering the motor and ensuring a smooth and efficient riding experience. It stores electrical energy, which is used to assist with pedaling and to power the bike's electric motor, helping riders tackle hills and long distances with ease. High-quality batteries, such as lithium-ion, provide a longer range on a single charge, typically offering anywhere from 40 to 100 km, depending on factors like terrain and usage. With fast charging capabilities, the E-Bike's battery can be recharged quickly, reducing downtime. Additionally, advanced Battery Management Systems (BMS) ensure safe charging, temperature control, and balanced power distribution, helping to extend the battery's lifespan. The eco-friendly nature of the battery, combined with low maintenance requirements, makes E-Bikes a sustainable and cost-effective transportation option, all while offering the rider a comfortable, assisted cycling experience.

The Features

- **Long-Range Battery** : The E Bike is equipped with a high-capacity battery that ensures a long-range on a single charge, offering up to 80-100 km, depending on usage conditions.
- **Fast Charging Technology** : With advanced fast-charging capabilities, the E Bike battery can be fully charged in 3-4 hours, allowing for minimal downtime and more time on the road.
- **Durable Lithium-Ion Battery** :The E Bike features a premium lithium-ion battery that delivers superior power, better efficiency, and a longer lifespan compared to conventional lead-acid batteries.
- **Battery Management System (BMS)** : Equipped with a smart BMS that monitors battery health, temperature, and voltage levels to ensure safety and optimal performance, while preventing overcharging or discharging.
- **Eco-Friendly & Low Maintenance** : The battery in the E Bike is not only environmentally friendly, with zero emissions, but also requires minimal maintenance, saving on upkeep costs.
- **Replaceable Battery** : For ease of maintenance, the E Bike comes with a replaceable battery design, allowing users to swap out a degraded battery with a new one, extending the vehicle's overall lifespan.

Feature	Specification
Max Speed	25 Km/hr
Mileage @ 28AH Battery	70 kms/charge*
Seating Capacity	Driver + 1 Passenger
Wheel Size (Front & Rear)	90x100 - 10in
Motor Details	BLDC HUB Motor
Front & Rear Brakes	ABS
Speedometer	LED Based panel
Starting System	Electric Start
Motor Input Voltage	48V/60V
Controller	BLDC 18V / 48V / 60V
Batteries	12V/28Ah
Batteries Type	VRLA/Lithium
Ground Clearance	150mm