

# Electric Powered Mountain Bicycle with Alloy Frame

This electric mountain bicycle has a 26-inch alloy frame and a suspension fork. It is equipped with a lithium-ion battery on the rack and Shimano 3 x 8 speed gears.



## Overview

### Electric Mountain Bicycle

This electric mountain bicycle is built on a durable 6061 aluminum alloy frame, designed to balance lightweight handling with rugged off-road performance. It features a 24V front hub motor paired with a reliable lithium-ion battery system, offering pedal assistance for varied terrain. With high-quality components like Shimano gearing and suspension forks, this bike provides a smooth and efficient ride for both recreational and commuting use.

## Performance

### Top Speed

**15 mph**

Top Speed

**24 km/h**

Top Speed

### Range

**18 miles**

Range

**29 km**

Range

## Electrical System

Motor Type	24V Front Hub Motor
Battery Specifications	Lithium-Ion 24V 10AH with Advanced BMS
Controller Features	Smart Power Microprocessor, Auto Shut-off, Relay Protection, Fuel Gauge

## Drivetrain & Components

### Drivetrain Configuration

- Shimano Front 3-Speed
- Shimano Rear 8-Speed
- 3-Step Pedal Assistance (Low, Medium, High)

Braking System	Front and rear linear pull with Alloy Brake Inhibit Lever
----------------	---

## Frame & Build

Frame Material	6061 Aluminum Alloy
Wheel Specifications	26-inch 6061 alloy rims with stainless steel spokes
Tire Model	CST E-Street drive, 26" x 2.1"
Suspension	Suspension Fork with fender eyelets