

# Step-Through Frame Electric Bicycle with Front Motor Assist

This electric bicycle is designed with a step-through frame for easy access and comfortable riding. It features a front-mounted electric motor that provides pedal assistance for urban environments.



## Product Overview

### Urban Commuter Electric Bicycle

This step-through frame electric bicycle is engineered for comfortable and efficient urban commuting. Featuring a powerful 250W brushless DC hub motor, it provides smooth front-wheel pedal assist to reduce rider effort. The design focuses on accessibility and practicality, offering a stable ride suitable for diverse riders.

## Performance Metrics

### Key Performance Indicators

**29 km/h**  
Max Speed

**50 km**  
Max Range

**75 kg**  
Max Load

## Technical Specifications

### Motor System

| Feature        | Specification          |
|----------------|------------------------|
| Motor Type     | Brushless DC Hub Motor |
| Output Power   | 250W                   |
| Rotation Speed | 500 r/min              |

### Battery & Power

- Type: Sealed Lead Acid
- Capacity: 36V/10Ah
- Charging Time: 6-8 Hours
- Cycle Life: 300 cycles

### Braking System

V-Brake

## Dimensions

|                     |                      |
|---------------------|----------------------|
| Physical Dimensions | 1860 x 620 x 1220 mm |
|---------------------|----------------------|