

Step-Through Frame Electric City Bicycle with Integrated Battery

This electric bicycle has a step-through frame for easy mounting and dismounting. It is equipped with a 24 V front hub motor and a UL listed Lion Smart charger with LED status display.



Overview

Versatile Urban Mobility

This Step-Through Frame Electric City Bicycle is engineered for comfortable and efficient urban commuting. Featuring a lightweight 6061 alloy frame and a 24V front hub motor, it provides a smooth ride with three levels of pedal assistance. The integrated Li-polymer battery and comprehensive safety features like linear pull brakes and reflector tires make it an ideal choice for professional commuters and city dwellers.

Performance Metrics

Key Performance Indicators

25 km/h
Top Speed

60 km
Maximum Range

24 V
System Voltage

Electrical System

Motor	24V front hub motor
Battery Technology	Li-polymer 24V 10AH Rechargeable Cells with Advanced BMS
Charging System	UL listed Lion Smart charger with LED status display
Controller	Smart Power Microprocessor 24V fully potted, with auto shut-off, relay protection and fuel gauge

Chassis & Build

Frame Construction	Alloy 6061 Step-Through Frame
Fork	Alloy fork with fender eyelets
Wheels	700C*35C*36H D/V 6061 alloy rims with stainless spokes
Tires	CST E-Street drive, 700C*45, with reflector tape

User Interface & Comfort

Drive System

- Front Hub Motor
- Three step pedal assistance (Low)
- Three step pedal assistance (Medium)
- Three step pedal assistance (High)

Controls & Access

Power On/Off switch, Easy access charger port, Removable battery pack, Pedal assistance

Handlebar & Stem

Alloy handlebar with adjustable stem

Safety & Equipment

Included Equipment

Fenders • Rear Cargo Rack • Front Light • Rear Light • Comfort Saddle

Brakes

Linear pull with alloy inhibit lever