

Electric Commuter Bicycle

This electric bicycle has a net weight of less than 40 kg and a rated current of 4.5A. It can travel 50-60 km on a single charge and has a load capacity of 120 kg.



Overview

Efficient Urban Commuting

This electric commuter bicycle (Model TDL03Z) is designed for reliable and efficient daily travel. Engineered with a 180W brushless motor and a 12Ah battery system, it offers a practical range of 50-60 km per charge. With a load capacity of 120 kg and a compact, foldable-friendly design, it serves as an ideal solution for urban mobility needs.

Performance

Key Performance Metrics

180 W

Motor Power

55 km

Average Range

120 kg

Load Capacity

60 dB(A)

Max Noise Level

Efficiency & Power

- Power consumption: 1.0 kW.h per 100 km
- Rated efficiency: >=75%
- Rated current: 4.5A
- Current limitation: <=12A

Technical Specifications

Dimensions & Build

Feature	Specification
Net Weight	< 40 kg
Product Size	1680 x 670 x 1070 mm
Packing Size	1485 x 280 x 640 mm
Axle Center Distance	1100 mm

Wheel Configuration

22-inch Spoked, 22-inch Aluminum, 24-inch Spoked

Electrical System

Battery & Charging

- Battery Capacity: 12Ah
- Configuration: 12V/3pcs
- Nominal Voltage: 36V
- Input Voltage: AC 100-240V
- Charging Time: < 8 hours

Logistics

Container Loading Capacity

Container Type	Capacity
20' FCL	116 pcs
40' HQ	256 pcs