



70^{km/h}
Top Speed

80^{km}
Range

L3e
Approved

Retro-Style Design

A fusion of classic café racer aesthetics and modern electric innovation. Ride through the urban alleys of the late 20th century and into the electric future—every moment is a street sensation.



In-Vehicle Intelligence



Braking Control

With advanced CBS and E-TCS, the M05 delivers superior all-around protection.

Always Connected

With over 15 sensors across the bike, the M05 integrates 4G, GPS+Beidou positioning and Bluetooth modules, delivering real-time ride data and seamless OTA updates.



Ride With Confidence

Equipped with a professional-grade millimeter-wave radar system, delivering instant blind-spot detection for uncompromising riding safety.

Unlock Your Way

Five intuitive unlocking methods, making every ride effortless.

- Passive Keyless Entry (Smart Key)
- Bluetooth
- APP
- Remote Control Unlocking
- NFC





Frame

Lightweight and racing-grade frame. Straight-line acceleration meets precision cornering, reigniting the golden age of café racers.



Multi-Level Shock Absorption

Dominate any road with a robust suspension system that filters vibrations and absorbs impacts effortlessly. From city speed bumps to rugged gravel trails, experience unmatched comfort and control.



E-MAX High-Efficiency Motor

Driven by Hub Motors' advanced system, this bike achieves a 92% conversion efficiency, delivering powerful and consistent performance.



Cube 2.0 Power Lithium Battery

Equipped with a dynamic BMS (Battery Management System) and LMFP battery cells, the M05 ensures top-tier safety with 25 layers of electrical protection.



FOC Vector Controller

The FOC controller employs a precise vector control algorithm, optimizing the motor's efficiency and overall performance.

M05

| Specifications

	M05
Dimension	1835*756*1080 mm
Wheelbase	1250 mm
Ground Clearance	240 mm
Seat Height	795 mm
Curb Weight	91 kg
Loading Capacity	125 kg
Range	80 km*
Battery Type	LMFP Battery
Battery Voltage	48V48Ah
Charger	10A
Charging Mode	Bike/Battery Charge
Rated Power	2500W
Top Speed	70km/h
Start	PKE/Remote/NFC/Bluetooth/APP
Braking System	CBS
Front Suspension	Inverted Hydraulic Spring Front Suspension
Rear Suspension	5-Level Adjustable Central Hydraulic Rear Suspension
Tire Size	Front:90/80-16 Rear: 110/70-16
Anti-Theft Protection	√
Cruise Control	√
Reverse Gear	√
Kickstand Switch	√

*Range may vary based on conditions. Lab-tested range is based on 75 kg rider weight, 45 km/h speed, and 25°C temperature.

| Color Options



* For information related to the vehicle model specifications and standard configuration, please refer to the information provided by the actual purchase platforms. The publicity pictures, models, functions, performance, and other parameters of the product listed in the manual are for reference only. For specific information, please refer to the performance of the actual product.

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M05

Cafe Racer

