

# Velotric Discover M - Specification Sheet

## Size Guide

Bike Size: Regular / Large

User Height Range:

R: 5'2"~5'11" L: 5'9"~6'7" (With Suspension Seatpost)

R: 4'11"~5'9" L: 5'6"~6'4" (Without Suspension Seatpost)

## Frameset

Frame: Triple-Butted Aluminum Alloy

Fork: Air suspension 80mm Travel with Lock-out

## Electronics

Motor: 48V, 500W, 960W(Peak Power), 100Nm

Battery: 48V, 16.7Ah (801.6Wh), IPX7, Certificated by UL 2271

Cell: Samsung/LG 21700 cell, Certificated by UL2580

Charger: 48V, 3A Fast Charger

Sensor: Torque and Cadence Sensor

Display: 3.5" Full color, High brightness, Bluetooth, NFC, Adjustable Angle

USB Port: USB Type-C phone Charge

Throttle: Trigger-control, Removable

Pedal Assist: 4 Riding Modes + Auto Mode / Ride Tuning

Walk Mode: 2.9MPH / Walk & Hold

Front Light: 500LM High-output Integrated LED, Adjustable Angle

Rear Light: Braking Indicator, Turn Signal, Rear Light Steady/Flash, Integrated with Rear Rack

Water Resistant: IPX6

App: App OTA

Anti-theft: Apple Find My & Android Find Hub, NFC Card Unlock

## Speed & Range

Max Speed (Default): 20MPH

Max Speed Adjustable Range: 12~28MPH

Ebike Class: 1/2/3

Pedal Assist Range: 95 Miles

Throttle Range: 70 Miles

## **Drivetrain**

Chainrings: 46T Narrow-Wide Chainring

Crankset: Aluminum Alloy, 170mm

Cassette: 9-speed, 11-46T

Rear Derailleur: SHIMANO Cues, 9-speed

Shift Lever: SHIMANO Cues, 9-speed

Chain: KMC eGlide 9-speed

## **Brake**

Brake: Tektro Hydraulic Disc Brake

Rotors: 180mm Front / 180mm Rear

Brake Levers: Aluminum Alloy, with Power Cutoff

## **Wheel**

Rims: Aluminum Alloy

Front Hub: NOVATEC Aluminum Alloy, 15x110mm Thru-axle

Tire: KENDA 27.5x2.4" eBike Puncture Resistant Tires

## **Cockpit**

Handlebar: Aluminum Alloy, 31.8mm, 680mm(R) / 700mm(L)

Grips: Durable Ergonomic Grips, Lockable

Stem: Adjustable, Aluminum Alloy, 31.8mm, 60mm Length

Saddle: VELOTRIC Comfort Ergonomic Seat

Seatpost: Aluminum Alloy, 30.9mm, Suspension

Clamp: Aluminum Alloy, Quick Release

## **Supports**

Fenders: Aluminum Alloy, Front and Rear Full Coverage

Rear Rack: MIK HD Compatible Alloy

Pedals: Plastic

Kickstand: Aluminum Alloy, Included, Rear Mount

## **Weight & Load**

Bike Weight: 60 lbs (Weight does not include fenders, kickstands, or pedals.)

Rear Rack Load Capacity: 66 lbs

Max Bike Load Capacity: 440 lbs

## **Certification**

UL Certification: UL2849 & UL2271

ISO Standard: ISO 4210