

General Info

Model

Carbon Atom E-bike

Weight

58 lbs w/o acc.

Material

Carbon fiber (frame)

Range

Up to 95 miles

Top Speed

20 mph by default, 28 mph upon unlock

Total Weight Limit

330 lbs

Rider Height

5'3" - 6'3" (160–190cm, with suspension seatpost)

Brakes

TEKTRO hydraulic disc brake

Wheels

Kenda 26" X 2.4", puncture-resistant tires

Water Resistance

IP65

Ebike System

Motor

48V, 750W (Peak Power 1250W) hub motor, 90Nm

Throttle

Yes (up to 20 mph)

Battery

802Wh, LG M58 Li-ion, certified to UL-2271, removable battery

Pedal Assist

4 levels

Charger

48V 4.5A, 4 hrs full charge

Display

3.5" Color LCD

Sensors

Torque sensor

Lights

Front: External front light, 100 Lux

Rear: Integrated rear light with turn signal & brake light

Drivetrain

Chainring

52T

Cassette

12-32T, 8-Speed

Rear Derailleur
Shimano ACERA 8-Speed
Shifter
7-Speed Trigger

Cockpit

Handlebar
Aluminum, Ø31.8mm, 700mm, With aluminum Stem, extender 0-90° adjustable
Fork
Suspension Fork, 80mm travel, w/ lockout
Seat post
Aluminum suspension seatpost, 30mm travel