

# Aventure 3 Ebike Specifications

## General Info

<b>Model:</b>	Aventure 3 Ebike
<b>Weight:</b>	76 lbs
<b>Total Weight Limit:</b>	400 lbs
<b>Rider Height:</b>	R: 5'3" - 5'10"   L: 5'10" - 6'4"
<b>Ebike Class:</b>	Class 2 Ebike
<b>Range:</b>	Up to 65 miles
<b>Battery Safety Certifications:</b>	Certified to UL 2271
<b>Ideal Use:</b>	All-Terrain
<b>Bike Safety Certifications:</b>	UL Safety Certified UL 2849
<b>Water Resistance:</b>	Bike - IPX5 // Components - IPX6
<b>Pedal Assist:</b>	3 Levels + Boost Mode (with Ride Tune Customization)

## Frameset

<b>Frame:</b>	6061 Aluminum, Gravity Cast Front Triangle
<b>Fork:</b>	Aventon/Zoom Suspension Fork, 80mm travel, with lockout
<b>Rear Spacing:</b>	190mm
<b>Fork Spacing:</b>	135mm
<b>Frame Style:</b>	Step-Over

## Wheelset

<b>Front Wheel:</b>	26", 36 hole, 13g, Double Wall Aluminum Fat Tire Rim, Nuted Axle, Schrader Valve
<b>Rear Wheel:</b>	26", 36 hole, 12g, Double Wall Aluminum Fat Tire Rim, Nuted Hub Drive, Schrader Valve
<b>Tires:</b>	Inova 26x4.0 puncture resistant

## Ebike System

<b>Speed:</b>	Class 2
<b>Motor:</b>	36V, 750W Hub Drive
<b>Motor Torque:</b>	80Nm
<b>Motor Power:</b>	750W (1188 Peak)

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<b>Display:</b>	Aventon BC280
<b>Battery:</b>	Removable Internal Lithium-ion. 36V, 20Ah, 733Wh, LG 21700 cells
<b>Battery Weight:</b>	8.7lbs
<b>Controller:</b>	36V/33A
<b>Throttle:</b>	Aventon LH Handlebar Mounted
<b>Sensors:</b>	Double Sided Bottom Bracket Torque Sensor
<b>Charger:</b>	36V Output: 42V/4A
<b>Charging time from 0% to 100%:</b>	5 hours
<b>Lights:</b>	Front and rear lights integrated

### Brakes

<b>Front Brake:</b>	Tektro HD-E3520 hydraulic disc brakes w/ EJ1 quick disconnect wire
<b>Rear Brake:</b>	Tektro HD-E3520 hydraulic disc brakes w/ EJ1 quick disconnect wire
<b>Front Brake Rotor:</b>	Tektro 180mm 6 bolt
<b>Rear Brake Rotor:</b>	Tektro 180mm 6 bolt

### Drivetrain

<b>Rear Derailleur:</b>	Shimano Altus 8-Speed
<b>Shifter:</b>	Shimano 8-Speed Trigger
<b>Chain:</b>	7/8 Speed 118L
<b>Cassette:</b>	12-32T / 8 Speed Shimano CS HG200-8
<b>Chainring:</b>	48T
<b>Chainring BCD:</b>	N/A
<b>Crankset:</b>	3pc, 170mm crank arm
<b>Bottom Bracket:</b>	100x177 Square Taper, Double Sided Torque sensor bottom bracket
<b>Pedals:</b>	9/16" Alloy Platform

### Cockpit

<b>Saddle:</b>	Aventon Saddle
<b>Seatpost:</b>	Aventon Suspension Seatpost, Ø 30.9mm, 350mm Length. 50mm travel
<b>Seatpost Clamp:</b>	34.9mm
<b>Handlebars:</b>	Aluminum 31.8mm, 680mm

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<b>Grips:</b>	Aventon Lock on grips
<b>Headset:</b>	Sealed bearing H887 Peilin 28.6mm * 56mm * 56mm H18.6mm 7pcs

### Included Accessories

<b>Kickstand:</b>	Included, rear mount
<b>Rear Rack:</b>	Included
<b>Fenders:</b>	Included

### Technical Overview

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The Aventure 3 ships as a Class II ebike, with pedal assist and throttle. The Aventure 3 will also operate with the throttle unplugged and removed, should you want to ride in an area that only allows Class I ebikes or throttles are prohibited. Aventon ebikes are built to the IPX5-rated standard. An IPX5 rating means the bike is protected against low-pressure water jets from any direction. This provides a moderate level of water resistance, allowing you to ride in light to moderate rain or through small puddles. However, IPX5 does not mean waterproof - Aventon ebikes are not designed for full submersion. Avoid using a pressure washer or high-pressure sprayer to clean your ebike, as pressurized water can still damage components. \*Max range is determined using PAS 1 on flat terrain with a rider weight of 160 lb.\*