

Soltera 3 ADV Ebike Specifications

General Info

Model:	Soltera 3 ADV Ebike
Weight:	37lbs
Total Weight Limit:	300 lbs
Rider Height:	S 5'1"-5'5", M 5'5"-5'9", L 5'9"-6'1", XL 5'1"-6'4"
Water Resistance:	IPX6
Range:	Up to 70 Miles
Bike Safety Certifications:	TUV Certified
Battery Safety Certifications:	TUV Certified
Ideal Use:	Urban Riding

Frameset

Frame:	6061 Double-Butted Aluminum Alloy with Internal Battery
Fork:	Rigid Aluminum Fork
Rear Spacing:	142mm
Fork Spacing:	100mm
Frame Style:	Step-Over

Wheelset

Front Wheel:	700c, 32-spoke, Double Wall Aluminum Rim, Thru Axle
Rear Wheel:	700c, 36-spoke, Double Wall Aluminum Rim, Nuted Hub Drive Motor
Tires:	Kenda K1085 700x38C

Ebike System

Speed:	Class 1
Motor:	36v, 250W
Motor Torque:	40Nm
Display:	Aventon BC147
Battery:	Integrated Lithium-ion 36.9V, 9.94Ah, 366.8Wh
Battery Weight:	4.2lbs
Controller:	36v 15A
Throttle:	N/A
Sensors:	Double Sided Bottom Bracket Torque Sensor

Soltera 3 ADV Ebike Specifications

Charger:	36V Output: 42V/ 4A
Charging time from 0% to 100%:	3-4 hours
Lights:	Front and Rear Lights Integrated w/ Turn Signals

Brakes

Front Brake:	Tektro HD-T3020 Hydraulic Disc Brake (w/o e-cutoff)
Rear Brake:	Tektro HD-T3020 Hydraulic Disc Brake (w/o e-cutoff)
Front Brake Rotor:	Tektro 180mm 6 bolt
Rear Brake Rotor:	Tektro 180mm 6 bolt

Drivetrain

Drivetrain:	Single Speed, Gates Carbon Belt Drive
Chainring:	60T
Hub Flywheel:	22T
Belt:	Gates Carbon Belt Drive 122T CDN
Chainring BCD:	130
Crankset:	3pc, 165mm crank arm
Bottom Bracket:	Square Taper, Sealed, double sided Torque Sensor 83mmx158.5mm
Pedals:	9/16" Composite Platform

Cockpit

Saddle:	Aventon Saddle
Seatpost:	Aventon 27.2
Seatpost Clamp:	31.8mm
Handlebars:	Aluminum 31.8mm, 680mm
Stem:	31.8mm, 70mm Length, 15°
Grips:	Aventon Lock on grips
Headset:	Aventon headset with integrated cable routing

Included Accessories

Kickstand:	Included in accessory box
-------------------	---------------------------

Technical Overview

: Soltera 3 ADV ships as a Class 1 ebike and is not throttle compatible. This

Soltera 3 ADV Ebike Specifications

bike is equipped with a Gates Belt Drive system that eliminates issues such as chain stretch and usual wear. Belt drive systems typically last 2-3 times as long as traditional chains and cogs. Aventon ebikes are built to the IPX6-rated standard. An IPX6 rating means the bike is protected against high-pressure water streams from any angle. This provides strong water resistance, so you can confidently ride in heavy rain or through puddles and mud. However, IPX6 does not mean waterproof - Aventon ebikes are not designed for full submersion. Avoid using a pressure washer or sprayer to clean your ebike, as pressurized water can still damage components. *Max range determined using PAS Eco on flat terrain and a 160lb rider.*