

MODEL:

SABER PRO SS

BODY POSITION:

Upright

SUGGESTED USE:

Cruising & Terrifying The Streets

ELECTRIC BIKE CLASS:

Speed Pedelec (Class 2)

WARRANTY:

Lifetime frame warranty, 1 year parts, 18 months *motor & battery

AVAILABILITY:

World Wide

MODEL YEAR:

2024

SONIC SABER Details**TOTAL WEIGHT:**

58 lbs

BATTERY WEIGHT:

7.9 lbs

MOTOR WEIGHT:

12 lbs

FRAME MATERIAL:

6061 Aluminum Alloy

FRAME SIZES:

19 in (48.26 cm)

GEOMETRY MEASUREMENTS:

19" Seat Tube, 26" Reach, 30" Standover Height, 34.5" Width, 79" Length, 35.5" Minimum Saddle Height. Handlebar height 4'

FRAME FORK DETAILS:Front suspension fork with 5" of travel.

FRAME REAR DETAILS:

170mm Hub Spacing, 11/32nd Axle with 15mm Nuts

GEARING DETAILS:

7 Speed Shimano derailleur

SHIFTER DETAILS:

Shimano Revo grip shift

CRANKS:

*Custom Soul Black series 4130 Chromoly, 175mm Length, 42T Chainring

PEDALS:

Billet Soul Fast

HEADSET:

Integrated

STEM:

*Billet Clamp, 31.8mm, 180° Adjustment Range

HANDLEBAR:

*Aluminum Alloy, BMX Style, 180mm Rise, 870mm Length, 30° Back Sweep

BRAKE DETAILS:

Hydraulic disc, 180mm Front Rotor / rear Rotor, Motor Inhibitors, 2-Finger Levers with Adjustable Reach.

SADDLE:

Grand Star Oversize, Quilted, Rubber Bumpers, Reflective Logo on Rear with bottle opener

SEAT POST:

Aluminum Alloy

SEAT POST LENGTH:

350 mm

SEAT POST DIAMETER:

27.2 mm

RIMS:

95mm wide Aluminum Alloy, Punchouts, 36 Hole

SPOKES:

Stainless Steel, 14 Gauge Front, 12 Gauge Rear Black with Chromed Brass Spoke Nipples

TIRE BRAND:

*Soul FAST Vee Speedsters w/ Protection Sealant

WHEEL SIZE:

26 in (66.04cm)

TIRE DETAILS:

28 to 30 PSI (1.9- 2.1 BAR)

TUBE DETAILS:

Schrader Valve

ACCESSORIES:

Integrated front headlight & rear tail light

Electronic Details

MOTOR BRAND:

Bafang 750 / 1000W peak

MOTOR TYPE:

Hub motor

MOTOR NOMINAL OUTPUT:

750 watts

MOTOR TORQUE:

750W 80 Newton meters

BATTERY BRAND:

Samsung

BATTERY VOLTAGE:

48 volts

BATTERY AMP HOURS:

14AH

BATTERY WATT HOURS:

672 wh

BATTERY CHEMISTRY:

Lithium-ion

CHARGE TIME:

6.5 hours

ESTIMATED MIN RANGE:

30-40+ miles

ESTIMATED MAX RANGE:

50+ miles (97 km)

DISPLAY TYPE:

500 color

READOUTS:

Battery Capacity, Clock, Trip Distance and Timer, Odometer, Current Speed, Average Speed, Maximum Speed, Assist Level (0-5)

DISPLAY ACCESSORIES:

Independent Button Pad on Left, Buttons: Up, Down, M, Power (Hold Down for Walk Mode, Press M to Cycle Trip Readouts, Press Power to Cycle Distance and Range Readouts)

DRIVE MODE:

Cadence Sensing Pedal Assist, Trigger Throttle (12 Magnet Sealed Sensor)

TOP SPEED:

Class 2 20MPH