

Technical details

Tern HSD S00, Enviolo, 545Wh

General Info

Speeds:

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Weight:

28 kg (61,7 lb)

Gear Inches:

28" - 106" (2.23 - 8.47 m)

Frame Sizes:

One size

Folding Size:

165 × 39,5 × 87 cm (65 × 15,6 × 34,3 pouces)

Folding Time:

5 seconds

Distance: Seatpost to Handlebar:

52 - 62,5 cm (20,5 - 24,6 in)

Distance: Saddle to Pedal:

76 - 110 cm (29,9 - 43,3 in)

Suggested Rider Height:

150 - 195 cm (59,1 - 76,8 in)

Max Gross Vehicle Weight:

180 kg (396,8 lb)

Max Rider Weight:

120 kg (264,6 lb)

Frame

Frame:

Tern HSD, 6061-AL, patented design, Tern sliding dropouts, EFBE Tri-Test approved: 180 kg

Fork:

Suntour custom for Tern, 1.5" tapered Chromoly steerer, 32 mm stanchions, Thru-axle, 70 mm travel, EFBE approved: 180 kg

Cockpit

Handlepost:

Tern Physis 3D, 3D forged, 5 patented technologies, 12°, 290 mm

Stem:

Tern Andros, adjustable, forged construction, patented technology

Headset:

Tern Flux Pro Taper by FSA, 1.5", angular contact bearings, Physis integrated

Handlebar:

Tern Sweep, 6061-AL, Tern Andros adapted

Grips/Bar Tape:

Ergon

Saddle:

Tern Upright by Velo

Seatpost:

Cane Creek Thudbuster G4, Tern Telescope, 34.9/30.9 mm

Seatpost Clamp:

Tern Collar

Brakes

Front Brake:

Magura MT4, hydraulic disc, 180 mm rotor

Rear Brake:

Magura MT4, hydraulic disc, 160 mm rotor

Brake Levers:

Magura MT4 e-stop, hydraulic, with brake light sensor

Brake Cable & Housing:

Magura, hydraulic

Wheels

Front Wheel:

Tern Atlas H, cargo wheel

Rear Wheel:

Tern Atlas H, cargo wheel

Front Hub:

Novatec, Thru-axle, sealed bearings

Rear Hub:

Enviolo Heavy Duty, 380% continuously variable range

Spokes & Nipples:

Stainless steel, double-buttetd

Rims:

Tern Atlas H, wide 35 mm

Tires:

Schwalbe Big Ben, 55-406, RaceGuard puncture protection, ECE-R75 ebike certification

Transmission

Shifter:

Enviolo, Twist

Crankset:

Tern HSD custom, Gates CDX CNC machined beltring

Cassette/Freewheel:

Gates CDX, precision CNC machined cog

Bottom Bracket:

Motor integrated

Chain:

Gates Carbon Drive CDX belt

Pedals:

Urban with non-slip surface, sealed bearings

E-System

Motor:

Bosch Performance, 340% Assist, 75 Nm Torque, max speed 25 kph (EU); max speed 20 mph (US)

Battery:

Bosch PowerPack 545

Display:

Bosch Kiox 300 w/ LED remote, 4 mode selectable, walk assist, connectivity with Bosch eBike Flow app, electronic bike lock

Lock & Alarm:

Bosch Connect Module with GPS/GSM connectivity & anti-theft alarm when subscribed to Flow+; free 12-month trial upon activation

Range:

545 Wh: 51-121 km (32-76 mi)

Charger:

220V, 4A (EU); 100-240V, 4A (US)

Bells & Whistles

Bell:

Pitch Plus, brass

Chainguard:

Tern Custom, full chain cover

Kickstand:

Ursus, rear mount

Luggage Socket:

Combo Mount

Front Light:

Ignis Headlight, Ultra wide 700 lumens, Hi/Lo Beam

Rear Light:

RearStop Brake Light, Always on

Fenders:

SplashGuard, stainless hardware

Rack:

Atlas H rack, Atlas Rack Mount, 6 point mounting, 80 kg capacity

Frame Lock:

ABUS, keyed-alike with Bosch battery