

Technical details

Tern NBD S5i, Perf., 500wh

General Info

Generation: Gen 1

Speeds: 1 x 5

Weight: 23.4 kg (51.6 lb)

Gear Inches: 34" - 90" (2.75 - 7.22 m)

Frame Sizes: One size

Folding Size: 38 × 156 × 79 cm (15 × 61.4 × 31.1 in)

Folding Time: 5 sec

Distance: Seatpost to Handlebar: 45 - 52 cm (17.7 - 20.5 in)

Distance: Saddle to Pedal: 70 - 100 cm (27.6 - 39.4 in)

Suggested Rider Height: 147 - 190 cm (57.9 - 74.8 in)

Max Gross Vehicle Weight: 140 kg (308.6 lb)

Max Rider Weight: 120 kg (264.6 lb)

Frame

Frame: Tern NBD, 6061-AL, Patented design, EFBE Tri-Test approved: 140 kg

Fork: Tern Tarsus, 6061-AL, hydroformed, EFBE approved: 140 kg

Cockpit

Handlepost: Tern Physis 3D, 3D forged, 5 patented technologies, 12°, 350 mm

Stem: Tern Andros, adjustable, forged construction, patented technology

Headset: Tern Flux by FSA, cartridge bearings, Physis integrated

Handlebar: Tern Sweep, 6061-AL, Tern Andros adapted

Grips/Bar Tape: Ergon

Saddle: Tern Upright by Velo

Seatpost: Tern RideEasy Suspension, 34.9 mm, Air cartridge, Preload adjustable

Seatpost Clamp: Tern Collar

Brakes

Front Brake: Magura MT4, hydraulic disc

Rear Brake: Magura MT4, hydraulic disc

Brake Levers: Magura, hydraulic

Brake Cable & Housing: Magura, hydraulic

Wheels

Front Hub: Shimano disc

Rear Hub: Shimano Nexus INTER-5E

Spokes & Nipples: Stainless steel

Rims: Kinetix Comp, for disc

Tires: Schwalbe Big Apple, Performance Line, 55-406, puncture protection, Reflex

Transmission

Shifter: Shimano 5 spd.

Crankset: Tern NBD custom, Gates CDX CNC machined beltring

Cassette/Freewheel: Gates CDX, precision CNC machined cog

Chain: Gates Carbon Drive CDX belt

Pedals: MKS Platform, Tern custom design

Shift Cables & Housing: Shimano

E-System

Motor: Bosch Performance, 300% Assist, 65 Nm Torque, max speed 25 km/h

Battery: Bosch PowerPack 500

Display: Bosch Intuvia, 4 mode selectable, walk assist

Range: 51-118 km

Charger: Bosch Standard Charger

Bells & Whistles

Bell: Aluminum

Chainguard: Tern Custom, full chain cover

Kickstand: Ursus, rear mount

Luggage Socket: Combo Mount

Front Light: Tern Valo Direct, 190 lumens

Rear Light: Herrmans

Fenders: SplashGuard, stainless hardware

Rack: Gaia Rack, 27 kg capacity, Vertical Parking

Frame Lock: ABUS, keyed-alike with Bosch battery