

Technical details

Tern HSD S8i, Active Line Plus 500Wh

SPECIFICATIONS

GENERAL INFO

SPEEDS:

1 x 8

WEIGHT:

25,4 kg (56 lb)

GEAR INCHES:

31" - 95" (2.47 - 7.56 m)

FOLDING SIZE:

163 × 40,5 × 86 cm (64,2 × 15,9 × 33,9 in)

FOLDING TIME:

5 sec

FRAME SIZES:

One size

DISTANCE: SEATPOST TO HANDLEBAR:

49 - 59 cm (19,3 - 23,2 in)

DISTANCE: SADDLE TO PEDAL:

69 - 105 cm (27,2 - 41,3 in)

SUGGESTED RIDER HEIGHT:

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

MAX GROSS VEHICLE WEIGHT:

170 kg (374,8 lb)

MAX RIDER WEIGHT:

120 kg (264,6 lb)

FRAME

FRAME:

Tern HSD, 6061-AL, patented design, Tern sliding dropouts, EFBE Tri-Test approved: 170 kg

FORK:

Suntour custom for Tern, 1.5" tapered Chromoly steerer, 32 mm stanchions, Thru-axle, 70 mm travel, EFBE tested for 170 kg

COCKPIT

HANDLEPOST:

Tern Physis 3D (G2), 3D forged, 5 patented technologies, 12°, 290 mm

STEM:

Tern Andros (G2), adjustable, forged construction, patented technology

HEADSET:

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

HANDLEBAR:

Tern Sweep, 6061-AL, Tern Andros adapted

GRIPS/BAR TAPE:

Ergon

SADDLE:

Tern HSD

SEATPOST:

Tern Telescope, 34.9/30.9 mm, 2014-AL

SEATPOST CLAMP:

Tern Collar, 6061-AL, 2pc

BRAKES

FRONT BRAKE:

Magura MT4, hydraulic disc, 180 mm rotor

REAR BRAKE:

Magura MT4, hydraulic disc, 160 mm rotor

BRAKE LEVERS:

Magura, hydraulic

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:

Shimano Nexus 8

SPOKES & NIPPLES:

Stainless steel

RIMS:

Tern Atlas H, wide 35 mm

TIRES:

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

TRANSMISSION

SHIFTER(S):

Shimano Nexus 8

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

SHIFTER CABLE & HOUSING:

Shimano

E-SYSTEM

MOTOR:

Bosch Active Line Plus (Gen 3), max speed 25 kph (EU); max speed 20 mph (US)

BATTERY:

Bosch PowerPack 400

DISPLAY:

Bosch Purion, 4 mode selectable, walk assist

RANGE:

42 -110 km (26-69 mi)

CHARGER:

Bosch Standard Charger

BELLS & WHISTLES

BELL:

Aluminum

CHAINGUARD:

Gates integrated

KICKSTAND:

Ursus, rear mount

LUGGAGE SOCKET:

Combo Mount

FRONT LIGHT:

Tern Valo Direct, 45 lux/190 lumens

REAR LIGHT:

Herrmans H-Trace, for eBike

FENDERS:

SKS, stainless hardware

RACK(S):

Atlas H Rack™, Atlas Rack Mount, 6 point mounting; Max load weight: 60 kg (132 lb)

ACCESSORY:

ABUS 5650L, keyed-alike with Bosch battery