

Technical details

Tern HSD P10e Gen. 3, Perf., 545wh

General Info

Generation: Gen 3

Speeds: 1 x 10

Weight: 28.3 kg

Gear Inches: 2.18 - 7.72 m

Frame Sizes: One size

Wheel Size: 20"

Suggested Rider Height: 150 - 200 cm

Max Gross Vehicle Weight: 190 kg

Frame

Frame: Tern HSD, 6061-AL, patented design, EN17860 certified: 190 kg

Fork: Suntour custom for Tern, 34 mm stanchions, Thru-axle, EN17860 certified: 190 kg

Cockpit

Handlepost: Tern Physis 3D, 3D forged, 5 patented technologies, 320 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 by Velo

Seatpost: Tern VLT 40/34.9mm, with LightAction levers

Brakes

Brakes: Magura A10, hydraulic disc, 180 mm rotor

Brake Rotors: 180 mm / 180 mm

Wheels

Front Wheel: Tern Atlas H, cargo wheel

Rear Wheel: Tern Atlas H, cargo wheel

Front Hub: Novatec, Thru-axle, sealed bearings

Rear Hub: Novatec, disc, sealed bearings

Rims: Tern Atlas H, cargo

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

Transmission

Shifter: TRP E.A.S.I., wireless e-shifter, w/ Bosch eShift
Rear Derailleur: TRP E.A.S.I. A10, w/ Bosch eShift, 10 spd, Built for Tern
Crankset: Tern HSD
Cassette/Freewheel: Shimano CUES, Linkglide 11-39T, 10 spd
Bottom Bracket: Motor integrated
Chain: KMC eGlideS, 10 spd, EPT corrosion resistant coating
Pedals: Urban with non-slip surface, sealed bearings

E-System

Motor: Bosch Performance (BDU34), 340% Assist, 75 Nm Torque, max speed 25 km/h
Battery: Bosch PowerPack 545
Display: Bosch Purion 200, connectivity with Bosch eBike Flow app, electronic bike lock

Bells & Whistles

Chainguard: Tern Custom, full chain cover
Kickstand: Ursus, rear mount
Front Light: Tern Valo Direct, 190 lumens
Rear Light: Herrmans LED
Fenders: Aluminum, stainless hardware
Rack: Atlas H rack, 6 point mounting, ISO 11243:2023 certification: 80 kg
Frame Lock: AXA, keyed-alike with Bosch battery