

## *Technical details*

### **Tern GSD S10 Gen. 3, Cargo Line, 545wh**

#### SPECIFICATIONS

##### Frame:

Tern GSD, 6061-AL, patented MultiTruss design, DIN 79010 certified: 210 kg

##### Fork:

Suntour custom for Tern, 1.5" tapered Chromoly steerer, 34 mm stanchions, Thru-axle, DIN 79010 certified: 210 kg

##### Speeds:

1 x 10

##### Weight:

37.32 kg (82.3 lb)

##### Gear Inches:

26" - 98" (2.04 - 7.80 m)

##### Folding Size:

185 × 46 × 88 cm (72.8 × 18.1 × 34.6 in)

##### Folding Time:

5 seconds

##### 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:

153 - 200 cm (60.2 - 78.7 in)

##### Max Gross Vehicle Weight:

210 kg (463 lb)

##### Max Load Weight:

210 kg (463 lb)

##### Max Rider Weight:

130 kg (286.6 lb)

#### 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 GSD by Velo  
Seatpost:  
Tern VLT (Very Large Telescope) with Cane Creek suspension and LightAction levers  
Seatpost Clamp:  
Tern Collar

#### Brakes

Front Brake:  
Magura MT-C ABS, 4-piston hydraulic disc, 203 mm rotor  
Rear Brake:  
Magura MT-C ABS, 4-piston hydraulic disc, 203 mm rotor  
Brake Levers:  
Magura MT-C e-stop, hydraulic, with brake light sensor  
Brake Cable & Housing:  
Magura ABS, hydraulic

#### Wheels

Front Wheel:  
Tern Atlas, heavy duty cargo wheel  
Rear Wheel:  
Tern Atlas, heavy duty cargo wheel  
Front Hub:  
Tern Atlas, Cooling Fins, Boost Thru-Axle, sealed cartridge bearings  
Rear Hub:  
Tern Atlas, Cooling Fins, Boost Thru-Axle, Syntace X-12 standard  
Spokes & Nipples:  
Stainless steel  
Rims:  
Tern Atlas, ultra wide 36 mm, dual reinforced joint  
Tires:  
Schwalbe Pick-Up, cargo-optimized, Super Defense puncture protection, Reflex

#### Transmission

Shifter(s):  
Shimano Deore, 1 x 10 spd  
Rear Derailleur:  
Shimano Deore Shadow+  
Crankset:  
Tern GSD, forged 6061-AL DH crankarm  
Cassette/Freewheel:  
Shimano 11-42T, 10 spd  
Bottom Bracket:  
Motor integrated  
Chain:  
KMC 10 spd, for eBike, EPT corrosion resistant coating  
Pedals:  
Urban with non-slip surface, sealed bearings

#### Shifter Cable & Housing:

Jagwire LEX-SL, slick treatment, alloy ferrules

#### E-System

##### Motor:

Bosch Cargo Line, 400% Assist, 85 Nm Torque, max speed 25 kph (EU); max speed 20 mph (US)

##### Battery:

Bosch 545 PowerPack, Fast Swap, Dual Battery bays, optional 2 x 800 Wh max capacity

##### Display:

Bosch Kiox 300 w/ LED remote, connectivity with Bosch eBike Flow IOS/Smartphone app, electronic bike lock

##### Range:

545 Wh: 45-98 km (28-61 mi); 1090 Wh: 90-196 km (56-122 mi)

##### Charger:

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

##### Connect Module:

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

##### Anti-Lock Braking System:

Bosch Anti-Lock Braking System, Gen 2

#### Bells & Whistles

##### Bell:

Pitch Plus, brass

##### Chainguard:

Tern GSD, full chain cover

##### Kickstand:

Atlas Lockstand Gen 2, AutoLock w/ remote unlock, patented technology

##### Luggage Socket:

Combo Mount

##### Front Light:

Ignis Headlight, Hi/Lo beams, 700 lumens

##### Rear Light:

RearStop Brake Light, Always on

##### Fenders:

F: Aluminum R: GSD wheel guard

##### Rack(s):

Atlas G, 100 kg (220 lb) capacity

##### Frame Lock:

ABUS or AXA, keyed-alike with Bosch battery

##### On-board Charging:

USB-C, 5V/2.4A, 12W max