

SPECTER-S 2023





48V17.5AH
Battery
(Optional 14Ah
Secondary Battery)



1000W Mid
Motor
Powerful motor



30 MPH
Top Speed



Up to 65 Miles
Riding Range (With
Dual Battery)



300 lbs
Payload Capacity



5'3" ~ 6'1"
Recommended Rider
Heights



Legally bombed

The Specter S stands out to me, with a high-quality frame, wildly powerful motor, and dual battery option.

The burning heat of the summer sun was blasting over 100 degrees, and the scant cover of short desert trees only gave partial respite. Despite this and the rocky terrain of the ATV trail, the Specter S climbed like a hungry moose.

Overall, I think the Specter is a great bike for off-road adventures up some incredible hills and down some moderate ones.



Heart of the matter

The core of the Specter's power is the **Bafang G510(M620) motor**, which itself is the flagship of Bafang's lineup. The **G510** motor holds a royal flush of specs: mid-drive, **1000w**, **torque sensor**, **160 N.m torque**, and both throttle and pedal assist. In layman's terms, the motor has great balance, power, utility, feels intuitive, and is used in high-powered cargo bikes, mountain bikes, and high-speed bikes alike.

The torque-sensing pedal assist from the motor is a standout feature for climbing use. With a press of the feet, the electric system would deliver power perfectly tailored to the pressure of the pedals. The predictability and immediacy of the torque sensor delivered the perfect amount of power in most any condition. The match of intuition and technology make this an excellent motor for rough and varied conditions, something that a cadence-based motor simply cannot do.

Rear Suspension

The DNM rear suspension sets the SPECTER-S apart from the rest of our lineup, making it the ultimate eBike. Take on any trail with maximum comfort and control.



Inverted Front Suspension

Absorbing a lot of jarring bumps and shocks on rugged routes, inverted 140mm travel fork helps maintain your energy, helping you focus on riding better and faster.

Specification

Battery: 48V 17.5Ah + Optional Second Battery

Range: 65 miles (48V 17.5Ah SAMSUNG Cells + Second Battery 14Ah)

Motor: 48V1000W Bafang M620 mid motor with 160 N.m torque

Total Payload Capacity: 300 lbs

Recommended Rider Heights: 5'3" ~ 6'1"

Maximum Speed: 30MPH / 48KMH

Charger: US standard 2.0 A smart charger

Controller: 48V 30A

Display: 860C display

Weight: 79.3 lbs

Pedal Assist Intelligent: 0~5 level pedal assist

Box Dimensions: (cm) 170 L x 32.5 W x 85 H

Components

Tires: KENDA sport tires 26" x 4.0"

Brake lever: Hydraulic disc brakes levers with motor cutoff switch

Rear Light: Taillight

Shifter: SRAM NX 1x11 speed gear shift system

Brake Rotor: EUNORAU design 180MM hydraulic disc brakes

Throttle: Thumb throttle

Handlebar: Comfortable stem

Crank: 170mm forged alloy

Cassette: SRAM NX 11-42T

Fork: EUNORAU inverted 140mm travel

Shock: DNM AO-42RC,190mm

Saddle: Selle Royal Saddle, Height to Ground 35.0"-42.5"

Pedal: Nylon pedal with reflectors

Frame: Aluminum alloy 6061 full suspension

Front Light: LED light

Tool: Included

Chainring: 40T BAFANG chain-wheel with protection

Rims: 26 inch black alloy wheels

GEOMETRY



	SPECTER S 17	SPECTER S 19
1-SEAT TUBE	432MM/17in	483MM/19in
2-REACH	482MM/19in	487MM/18.8in
3-HEAD TUBE	145MM/5.7in	145MM/5.7in
4-CHAIN STAY	505MM/19.9in	505MM/19.9in
5-BRACKET HEIGHT	337MM/13.3in	337MM/13.3in
6-WHEELBASE	1329MM/52.3in	1334MM/52.5in
7-STANDOVER	760MM/29.9in	800MM/31.5in
8-TOP TUBE	583MM/23in	602MM/23.7in
9-STACK	420MM/16.5in	469MM/18.5in
10-HANDLEBAR HEIGHT	1130MM/44.5in	1130MM/44.5in
11-TOTAL LENGTH	2079MM/81.9in	2084MM/82in
12-WEIGHT	36KG/79.3lbs	36KG/79.3lbs

Complete sets and prices

Frame Size	Add secondary battery (choose capacity)	Final price
17	None	\$3,799.00
17	Second 14Ah Battery	\$4,199.00
19	None	\$3,799.00
19	Second 14Ah Battery	\$4,199.00