

## ATOM X LYNX 5 27.5 + PRO Electric Bike



Over 18 months in development has brought you our most solid Trail Bike to date. Offering 5" of fully active Split Pivot suspension mated to a 27.5 Plus wheelset, dropper post versatility, and 720Wh of power.

Rating: Not Rated Yet

**Price**  
\$5,599.00

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Manufacturer [BH](#)

## Description

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### ATOM X - A NEW DEFINITION OF E-MTB

Over 18 months in development has brought you our most solid Trail Bike to date. Offering 5" of fully active Split Pivot suspension mated to a 27.5 Plus wheelset, dropper post versatility, and 720Wh of power. Crush any jump line, navigate any rock garden, or take that epic backwoods journey with the BROSE S performance motor with 110nm of torque.

### LCD COLORED INTEGRATED HUD - Head up display

256 MB transfective LED color display

The display is located ahead of the stem ("Head Up Display") and allows the rider to maintain proper frontal vision while riding. The position of the HUD ensures better situational riding anticipation versus a traditional lateral or behind the handlebar positioned displays. It is housed in an aluminum frame to provide superior protection.

Compatible for use with Garmin HPO systems.

Instant Power Options



### ERGONOMIC LED CONTROLLER

The ergonomic remote controller on the handlebar incorporates LEDs that offer visual indicators. A built-in vibration motor offers tactile feedback to the user.

### PATENTED INTEGRATED BATTERY SOLUTION

The ATOM X solution integrates the battery into the down tube. It is based on an innovative patented system which allows the user to ergonomically access the battery from the top of the bike, using an easy opening and closing lever system.

The ATOM X built-in battery incorporates the new 21700 cells, which offers the highest energy capacity on the market (5 Ah).

This allows the ATOM battery to achieve a total capacity of 720 Wh contained in a compact down tube design, providing the potential for 90 miles of range.

The external charging port is located conveniently on the upper section of the battery and is easily accessible to the user.

The battery protection system incorporates an electronic lock which is activated through the use of a Smart Key Bracelet. This technology is housed within a stylish, sportive and fully waterproof rubber bracelet that includes an identification code specific to each individual bike.

### BROSE S MID DRIVE MOTOR

The ATOM X is powered by the Brose S central motor, with 15% more torque for a cadence of between 60 and 90 rpm. Developed for high performance and maximum power for use in competition. It offers great sensitivity and response on technical terrains.

The Drive S motor has a triple sensor and efficiency of between 75% and 82% depending on the speed, and a maximum torque of 105 Nm.

Composed of magnesium and aluminium parts with a carbon belt, the Brose S is a lightweight and quiet motor.

The motor is integrated into the frame with minimal visual impact and a low center of gravity.

The motor offers no resistance in «no assistance» mode.



## SPLIT PIVOT TECHNOLOGY

ATOM X full suspension bikes incorporate BH's patented Split Pivot technology. Split Pivot technology provides a suspension system with floating shock absorption, developed exclusively for BH Bikes.

The Lynx Split Pivot suspension design allows three forces to act separately by isolating pedaling, braking and suspension forces. This provides the rider with the most neutral and natural pedaling platform on the market. Dropper Seat Post on the ATOM X LYNX 5

- Specifications

### ATOM X LYNX 5 27.5 + PRO Specifications

Drivetrain	Shimano Deore XT 11-Speed
Motor	Brose Mid Drive S – 250W
Battery	720Wh
Voltage	36V
Range	Up to 90 miles
Top Speed	20MPH
Tires	Schwalbe Nobby Nic 27.5 x 2.8
Fork	Fox 34 Float Rhythm with 120mm of travel 15 QR
Shock	Fox Float DPS Performance
Throttle	No
Adjustable Stem	No
Display	Head Up Colored Display
Brakes	Shimano Hydraulic disc with 203/180mm rotors
Weight	54 lbs
Warranty	2yrs (5yrs with registration)