

ELECTRIC DIRT BIKE / OFF-ROAD

35kW Electric Dirt Bike

High-performance electric off-road bike with smart controls, premium suspension and 35kW peak power.

\$449 USD



35 kW

PEAK POWER

110 km/h / 68 mph

TOP SPEED

4.3 kWh

BATTERY ENERGY

3 HOURS

FULL CHARGE

ENGINEERED FOR THE TRAIL

Power meets adventure.

01 Smart ride technology

App unlocking, ride tracking and theft alerts. Vehicle status and settings at your fingertips.

02 Four riding modes

Eco, Standard, Sport and Off-road modes to suit every riding environment.

03 FASTACE suspension

830 mm front fork with 245 mm travel, plus adjustable hydraulic rear shock.

04 Precision braking

4-piston hydraulic disc brakes and adjustable high-performance chassis.

05 Signature LED lighting

Aurora Blue Y-shape, StarLoop ambience, front LED headlight and rear LED stop.

06 Intelligent battery

97.2V / 45Ah Samsung-cell battery with Smart BMS and thermal management.



TECHNICAL SPECIFICATIONS

Motor, battery, performance, dimensions and charging

Peak Motor Power
35 kW / approx. 48 HP

Rated Motor Power
15 kW / approx. 20 HP

Motor Type
Permanent Magnet Synchronous (PMSM)

Maximum Speed
110 km/h / 68 mph

0-60 mph Acceleration
4 seconds

Rear Wheel Torque
940 Nm / approx. 700 ft-lb

Driving Range
100 km / 62.1 miles

Ride Modes
Eco · Standard · Sport · Off-road

Battery Manufacturer
Greenway

Battery Cells
Samsung ternary lithium

Battery Voltage
97.2 V

Battery Capacity
45 Ah

Battery Energy
Approx. 4.3 kWh

Battery Management
Smart BMS

Thermal Management
Integrated thermal management

Full Charge Time
3 hours

Charging Method
Direct charging on the bike

Charging Auto Shut-off
Yes

Overcharge Protection
Yes

Overall Length
2,030 mm / 79.92 in

Overall Width
830 mm / 32.68 in

Overall Height
1,170 mm / 46.06 in

Wheelbase
1,380 mm / 54.33 in

Seat Height
900 mm / 35.43 in

Ground Clearance
310 mm / 12.20 in

Weight Incl. Battery
94.8 kg / 209 lb

Maximum Load
120 kg / 265 lb

Recommended Age
18-55 years

Wheel Diameter
19 inches

Communication System
RS-485 + CAN

PERFORMANCE & CHARGING

35 kW peak power · 100 km / 62.1 mi range · 3-hour full charge

Range and acceleration figures are provided as product specifications.
Actual range and performance depend on rider, terrain and conditions.



TECHNICAL SPECIFICATIONS

Suspension, brakes, lighting and connected features

Front Fork Manufacturer
FASTACE

Fork Overall Length
830 mm / 32.68 in

Fork Outer Tube Diameter
50 mm / 1.97 in

Fork Inner Tube Diameter
38 mm / 1.50 in

Front Suspension Travel
245 mm / 9.65 in

Front Rebound
Adjustable

High-Speed Compression
Adjustable

Low-Speed Compression
Adjustable

Rear Shock Type
Hydraulic shock absorber

Rear Shock Adjustment
Adjustable compression and rebound

Brake Type
Hydraulic disc brakes

Brake Pistons
4-piston calipers

Wheel Size
19-inch wheels

Front Lighting
LED headlight

Rear Lighting
Integrated LED brake/stop light

Front Lighting Design
Y-shaped Aurora Blue lighting

Ambient Lighting
StarLoop ambient lighting

Smartphone Connectivity
App-connected controls

App Unlocking
Supported

Vehicle Status Display
Available in smartphone app

Ride Tracking
Available in smartphone app

Theft Alerts
Available in smartphone app

App Power Settings
Adjustable in app

App Ride Settings
Adjustable in app

Eco Mode
Available

Standard Mode
Available

Sport Mode
Available

Off-road Mode
Available

Smart Battery Control
BMS + thermal management

Charging Safety
Auto shut-off + overcharge protection

RIDER TECHNOLOGY

Smart app controls · 4 ride modes · LED lighting · Theft alerts

Safety: Wear appropriate protective equipment when riding.
Confirm operating requirements and local off-road regulations before use.