

ELECTRIC DIRT BIKE / OFF-ROAD

16.8kW Electric Dirt Bike

Lightweight electric dirt bike with mid-mounted motor, smart FOC control and off-road capability.

\$449 USD



16.8 kW
PEAK POWER

95 km/h / 59 mph
TOP SPEED

2.88 kWh
BATTERY ENERGY

120 km
MAX RANGE

ENGINEERED FOR THE TRAIL

Power for every trail.

01 NFC smart unlocking

Convenient NFC access and an upgraded digital display for essential ride data.

02 High-efficiency motor

Mid-mounted 16-16.8kW electric motor with 610Nm torque and FOC control.

03 FASTACE suspension

Adjustable FASTACE fork with 200mm travel, plus 85mm rear suspension travel.

04 Responsive braking

220mm front and rear brake discs plus integrated electronic braking.

05 Electric ride features

Motor lighting, FOC motor control and clutch-free, shift-free operation.

06 Samsung battery cells

72V / 40Ah Samsung 50S lithium pack, 2.88kWh energy and 3-4h charging.



TECHNICAL SPECIFICATIONS

Motor, battery, performance, dimensions and charging

Peak Motor Power
16-16.8 kW

Rated Motor Power
Not specified

Motor Type
High-efficiency mid-mounted

Maximum Speed
95 km/h / 59 mph

Maximum Torque
610 Nm / 450 ft-lb

Driving Range
120 km / 74.6 mi

Motor Controller
FOC (field-oriented control)

Transmission
Clutchless, no gear shifting

Electronic Braking
Yes

Battery Cells
Samsung 50S

Battery Chemistry
Ternary lithium

Battery Voltage
72 V

Battery Capacity
40 Ah

Battery Energy
2.88 kWh

Charging Time
3-4 hours

Weight Incl. Battery
68.9 kg / 152 lb

Seat Height
820 mm / 32.28 in

Wheelbase
1,260 mm / 49.61 in

Front Rim
19 x 1.4 in

Rear Rim
18 x 1.85 in

Front Tire
70/100-19

Rear Tire
90/90-18

Recommended Age
18+

Front Suspension
FASTACE adjustable fork

Fork Settings
Preload, rebound, hi/lo speed

Front Suspension Travel
200 mm / 7.87 in

Rear Suspension Travel
85 mm / 3.35 in

Frame
Triple-beam forged aluminum alloy

Front Brake Disc
220 mm diameter / 2.8 mm thick

Rear Brake Disc
220 mm diameter / 2.8 mm thick

PERFORMANCE & CHARGING

16.8 kW peak · 120 km / 74.6 mi range · 3-4h charging

Specified performance varies with rider, terrain and use conditions.
Always use appropriate riding and protective equipment.



TECHNICAL SPECIFICATIONS

Suspension, frame, brakes and electronic features

Front Fork Brand
FASTACE

Fork Adjustment
Preload

Fork Rebound
Adjustable

High-Speed Compression
Adjustable

Low-Speed Compression
Adjustable

Front Fork Travel
200 mm / 7.87 in

Rear Suspension Travel
85 mm / 3.35 in

Chassis Material
Forged aluminum alloy

Chassis Construction
Triple-beam frame

Front Brake Diameter
220 mm / 8.66 in

Front Brake Thickness
2.8 mm / 0.11 in

Rear Brake Diameter
220 mm / 8.66 in

Rear Brake Thickness
2.8 mm / 0.11 in

Front Tire Size
70/100-19

Rear Tire Size
90/90-18

NFC Unlocking
Supported

Digital Display
Upgraded digital instrument

FOC Motor Control
Field-oriented controller

Electronic Braking
Supported

Motor Lighting
Integrated motor lighting

Powertrain
Mid-mounted electric motor

Drive Operation
Clutch-free

Shifting
No gear changes required

Battery Manufacturer
Samsung 50S cells

Battery Chemistry
Ternary lithium

Battery Voltage
72 V

Battery Capacity
40 Ah

Battery Energy
2,880 Wh

Charging Time
3-4 hours

Maximum Range
120 km / 74.6 miles

RIDER TECHNOLOGY

NFC unlock · FOC controller · Digital display · Electronic braking

Safety: Wear appropriate protective equipment when riding.
Follow local regulations and maintain the bike as instructed.