



# TRANSFORM THE WAY YOU RIDE

Go faster, go further. The FRX1 gives acceleration, power, agility and control.

-   
**15kW**  
max power
-   
**Twist throttle,**  
no clutch
-   
**Electric**  
drive
-   
**All-terrain**  
performance
-   
**Light weight,**  
strong build
-   
**Easy to**  
accessorise
-   
**Digitally**  
connected

The UBCO FRX1 Trail Bike is built for extreme off-road riding, whether you're shredding the trail, climbing uphill or taking on the local tracks. With the freedom of a mountain bike and the exhilaration of a motocross bike, FRX1 is all about fun.

Weighing in at only 60kg, the bike is built on a lightweight aluminium alloy frame that makes no compromises on robustness or durability. The liquid-cooled brushless motor delivers a top speed of 80km/h. A twist throttle and no clutch means engaging all this power is instantaneous. Access massive torque while maintaining bulletproof low-speed control.

The beauty of electric is the low environmental impact, but the FRX1 finds the advantage in performance as well. This e-trail bike runs on a 50V Lithium-ion 2.2kWh battery pack that delivers a maximum range of 100km and can be recharged using a standard socket. For a longer ride, look to the fully adjustable regenerative braking system for up to 10% increased battery capacity. And for additional control, count on the immediate reaction of front and rear 4 pot hydraulic brakes.

Prepare to push yourself and the limits of your riding further with the all new FRX1 Electric Trail Bike. Go where others don't, and go there faster.



**80kph**  
max speed

**15kW**  
max power

**60kg**  
weight

**100km**  
max range

# FRX1



## Technical Specifications

### General

Length\*: 2030mm | 80"  
Height\*: 1120mm | 44"  
Width\*: 790mm | 31"  
Curb weight\*: 60kg | 132lbs  
Wheelbase: 1133mm | 44in  
Seat Height: 870mm | 34in

### Performance

Max speed: 80kph | 50mph  
Max range: up to 100km | 62mi  
Max torque: 280Nm

### Drivetrain

15 kW max power  
Liquid-cooled, brushless motor  
Twist throttle, no clutch

### Battery - Power Supply

50V Lithium-ion  
2.2 Wh Li-ion cells  
Up to 10% regeneration with braking

### Charging

Full charge time: 6 hours  
Charge via battery directly

### Controller

High-power density controller  
with overheating protection

### Frame and body

Mid-drive design  
7000-series alluminium alloy frame  
50/50 weight ratio  
Low center of gravity  
High torsional stiffness

### Suspension

Front adjustable compression and rebound  
Rear adjustable high- and low-speed  
compression, rebound and spring preload  
250 mm front and rear travel

### Brakes

Adjustable regenerative braking  
Front and rear 4 pot hydraulic brakes  
220mm rotor diameter

### Wheels

19" lightweight, high strength alloy rims

### Connectivity

Bluetooth with user app

### Seat

Motocross style seat

### Vehicle Class

Off highway vehicle (OHV)

\*Height / Length / Weight measures are approximate. All product specifications are subject to change without notice to improve performance, function and/or design.  
\*\*Local policies and laws will affect where the UBCO FRX1 can be ridden, please check with your local authorities first.



[www.ubcobikes.com](http://www.ubcobikes.com)  
20B Newton Street  
Tauranga 3116  
New Zealand

[info@ubcobikes.com](mailto:info@ubcobikes.com)  
[fb.com/ubcobikes](https://fb.com/ubcobikes)  
[@ubcobikes](https://twitter.com/ubcobikes)  
[#ubco2x2](https://instagram.com/ubco2x2)