

2x2 Electric Motorbikes

ROAD READY | ALL WHEEL DRIVE | 100% ELECTRIC | 50KPH MAX SPEED | 150KG PAYLOAD



Do do. Get done.

The UBCO 2X2 is a lightweight, all-terrain electric motorbike that's a breeze to ride. With no clutch to worry about, simply jump on, twist the throttle, and go!

- Effortlessly carry up to 150kg of gear, tools, or supplies.
- Enjoy zero emissions riding with no fuel required
- All-wheel-drive traction, agile torque, and a low centre of gravity make your ride effortless and fun on any terrain.



Go electric. Get quiet.

Going electric means super quiet motors. When the bike is working hard, either up a steep incline or over rough terrain, the motor reaches a peak volume of 75dB. That's about as loud as a conversation.

The UBCO 2x2 electric motorbike can take you off the beaten track, over land, out back, and beyond.



Enjoy low cost of ownership.

Since day one, our bikes have been built for hard work. The UBCO 2X2 requires minimal maintenance compared to conventional farm vehicles. Its straightforward design features fewer moving parts, reducing the risk of breakdowns. Plus, you'll save on fuel expenses and shrink your carbon footprint.

Go Electric | Go Quiet | Go UBCO



Scan this QR code to take a 2x2 virtual test ride or to book a physical test ride with your closest UBCO dealer.

UBCO

Specifications

Top Speed: 50km/h
 Range: 70-120km
 Payload: 150kg
 Charge Time: 4-6hrs

Dimensions

Weight excl battery: 52.7kg | 50.7kg
 + 2.1kWh battery: 65.7kg | 63.7kg
 + 3.1kWh battery: 70.7kg | 68.7kg
 Height: 1,040mm | 1,025mm
 Seat height: 815mm
 Width (handlebars): 820mm
 Length: 1,820mm
 Wheelbase: 1,215mm

Cost To Fill (AUD)

\$0.99 (0-100% 3.1kWh battery vs full tank of gas) based on average residential electricity \$0.29/kWh.

CO2 Emissions

None

Operating Volume

Stationary: 0db | Full speed: 75db

High Torque Geared Drivetrain

All wheel drive.

2 x 1kw motors:

- Brushless DC air cooled.
- High durability planetary geared system.
- Fully splined gear interfaces.
- Sealed bearings.

Regenerative Braking System

Hydraulic & regenerative brakes operate together.

- Active regenerative braking (brake activated) with independent front and rear brake control.
- Passive regenerative braking (off throttle).

DOT approved hydraulic brakes & Dash 3 brake lines.

203 x 2.3mm rotors.

Tough Wheels

9 gauge stainless steel spokes.

Tangential double-crossed lacing pattern.

17x1.85" aluminum rims (DOT compliant).

17x2.75" multi-use tires | off road kobby tires

Super X Structure

Super X step through frame made from 7027 alloy.
 Front and rear racks standard.
 19 drop forged attachment lugs on sub frame & rack.

Adjustable Suspension

130mm front suspension:

- Tapered chromoly steerer, chrome steel stanchions, alloy lower (corrosion resistant).
- Coil spring with hydraulic dampener.
- Preload & rebound adjustment.

120mm rear suspension:

- Coil over spring with hydraulic dampener.
- Preload & rebound adjustment.

High Capacity Battery

Capacity options: 2.1kWh or 3.1kWh.

Dual safety system with active and passive safety:

Active Safety:

- UBCO battery management system (BMS).
- Real time performance and safety monitoring.

Passive Safety:

- IP66 rated sealed alloy enclosure.
- Vented enclosure with venting pathways.
- 3400mAh high safety factor INR (LiNiMnCoO₂) 18650 lithium ion cells.

Designed for disassembly at end of life.

Fast Charging

10amp alloy fast charger.

Rugged alloy casing.

Can be wall mounted.

Charger detect disables 2x2 when charging.

User Friendly Controls

Fully electronic throttle control.

Handlebar mounted momentary switch controls.

LED Lighting - Adventure

DOT/ECE approved LED headlight:

- High quality lensed LED emitters.
- High beam: 2100lm
- Low beam: 1200lm

LED rear, brake, and number plate lights.

DOT/ECE approved indicator lights.

LED Lighting - Work

Powerful 2400 lumen floodlight headlight

LED rear brake lights

Intelligent Communication

Proprietary vehicle management system (VMS):

- Integrates all electronic and electrical functions of the vehicle.
- Provides control and updates with Bluetooth 5.0.

Vented waterproof enclosure with sealed automotive connectors.

Isolated CAN bus for easier integration of future CAN devices.

CAN communication with battery.

Built-in Security

Steering lock.

Battery locks to frame.

Keyless fob operation utilizes code hopping technology, hard to clone or hot-wire.

Handy Field Kit

Fastens under the lift-up seat.

Contains user manual and tools to set up the 2x2.

Vehicle Class - Adventure

Globally homologated for dual use (on-/off-road):

- NZ/AU – L1/LA (moped)
- US – Motor driven cycle or moped
- EU – L1e-B

License requirements

Check your state to determine requirements.

Vehicle Class - Work

WMC PIN coded off road vehicle.

Not road registrable.

Compliant for off road use in NZ/AU

