



ULTRA MOTOR



A2B™

clean mobility technology

A2B Light Electric Vehicle

The heart of a bicycle
The soul of a scooter

This Light Electric Vehicle offers the fun of a bike with the power of an electric motor, all wrapped up in a quiet riding and decidedly stylish design. It's perfect for those who want an economic transportation solution that is good for the environment and good for the soul. Designed for urban or suburban commutes, this Light Electric Vehicle offers lightweight aluminum construction with full suspension. Add in its comfortable, oversized seat and you have a powerful ride that's easy to handle.

When you don't feel like pedaling, the A2B offers unassisted power on demand for up to 20 miles* at a cruising speed of 20mph. Plus, the A2B can be easily upgraded to double its range to 40 miles**, with the addition of a secondary battery pack and increase its carrying capacity with the addition of baskets and rear carrier bags.

*Dependent on rider weight, pedaling and terrain
**40 miles is based on the optional secondary battery pack

Component parts are subject to change without notice



silver white blue

Features and Benefits

Getting there is more than half the fun:

- A stylishly modern fusion between scooter and bicycle
- Gets commuters out of their cars and reconnects them with the great outdoors, and their community
- Is environment-friendly and economical
- Carries the goods – you can have 2 bags and 2 baskets if you choose
- Quiet, so you can still appreciate the world you're riding through
- Ideal for commuting in crowded cities
- Easily upgrades to double the range
- Lightweight and easy to handle
- Features first-class workmanship and product detailing
- Comfortable, oversized seat and suspension
- Japanese lithium ion battery technology
- Simply plug in to recharge. Pedal if you have no battery power
- Allows riders to get as much or as little exercise as they choose
- Includes Ultra Motor warranty and customer support

A2B Specifications

- Maximum speed 20 mph (motor powered)
- Maximum range up to 20 miles *(extendable up to 40 miles**)
- Battery chemistry: lithium ion
- Nominal voltage: 36 volts
- Real-time state-of-charge indicator
- Motor type: brushless, gearless
- Motor voltage rating: 36-volts
- Motor power rating (@ 36-volts): 500 watts
- Maximum power: 700 watts
- Frame: TIG welded 6061 aluminum form tubing
- Suspension (front): Ultra Motor shock-absorbing front fork (80mm travel)
- Suspension (rear): Ultra Motor shock-absorbing swing arm (150mm travel)
- Tires: 20 x 3.0 Kenda Kraze
- Derailleur: Shimano Alivio, 7-speed free wheel with Epoch twist grip shifter
- Brakes (front & rear): Hayes MX4 V7 cable actuated disc brakes
- Saddle: oversize Ultra Motor comfort saddle
- Wheelbase: 49"
- Weight: 73lb (33kg)