

Optibike 600t

The Optibike 600t is the finest electric bicycle in the world. The 600 is the bike that won the 2006 Tour de Sol Neighborhood Electric Vehicle Competition. On road, off road, blasting up hills, or pulling a Burly full of kids you will never be short on power or range with the Optibike 600t. Heavy duty WTB Dual Duty Wheelsets, Fox Terralogic FX100 fork, and Hydraulic 6" vented disk brakes give you the confidence to really let it rip no matter what the trail looks like.

The 600t also comes with:

- Topeak Multi-tool, tire changing tools, Air pump, and all purpose bike lube so quick fixes are no problem on long rides.
- Pannier bags for extra hauling capacity that are easily hidden when not needed.
- Li-Poly Touring Battery that is housed in a quick release MTX Beam Rack that can be removed for shorter rides.

Features and Benefits

Sleek Monocoque Frame:

The aluminum Optibike 600t frame incorporates style and function in an integrated package. Smooth clean lines mean you will turn heads wherever you go on your Optibike, whether whizzing past roadies or bombing down the trails.

Low Center of Gravity:

The Optibike 600t carries 60% of the overall weight directly under the rider and less than 18 inches from the ground. This translates to safe, quick handling that is unmatched in the industry.

Motorized Bottom Bracket (MBB)

The MBB is what makes an Optibike the leader in High Performance E-Bikes. The patented maintenance free gear system gives the rider the freedom to pedal as much or as little as desired while maximizing the acceleration and range of the Optibike.

Avid Juicy Hydraulic Disk Brakes

Hydraulic disk brakes give the Optibike 600t the safest stopping power available. Conventional rim brakes are subject to "fading" due to overheating, buildup of dirt and oils, and in wet conditions. When traveling 30+ mph, there is no safe alternative to the best disk brakes available.

Full Suspension

The Optibike 600t comes with one of the best on/off road forks available the Fox FX100 Terralogic. The Terralogic Fork locks out automatically when you are on smooth terrain and then goes active when the going gets rough. The Terralogic also distinguishes between rider "bob" and the bumps in the trail so you get a bounce free ride when you are really cranking on the pedals.

Standard Integrated Fenders

Front and rear fenders shield you from the brown strip that normally appears on your spine when crashing through mud puddles with an ear to ear grin.

Ultrabright Halogen Headlamps

Midnight cruise anyone? No problem. Ultrabright Headlamps light up your field of vision so you can safely cruise at night and so others can see you without the hassle of remembering to change your headlight batteries! **Optibike 600t Specs**

Performance

Riding modes:

2 modes - sport & economy

Stock range:

38 miles - electric only
49 miles - moderate pedaling
52 miles - hard pedaling

Stock run time:

1.75 hours - sport mode
2.3 hours - economy mode

Top Speed:

22 mph - electric only
28 mph - cruising speed
30+ mph - with pedal assist

Overall weight:

71 lbs

Battery type:

36v 13ah NiMH + 36v 15ah Li-Poly

Motor:

High efficiency, brushless DC with Rare earth Neodymium Iron Boron Magnets

Motor Drive:

Patented Motorized Bottom Bracket® (MBB)

Controller:

Proprietary Derivative Power Control® (DPC)

Motor Power:

600w continuous

Suspension:

Front: Fox FX100 Fork
Rear: Fox Air Floater long travel Rear Shock

Brakes:

Front and rear: Hydraulic Avid Juicy 5 vented disk

Gearing:

Shimano 7 speed cassette rear
44 tooth front sprocket

Shifting:

Sram Grip-Shift
Shimano 105 7 speed derailleur

Frame:

Sleek Monocoque Aluminum Frame

Color:

Durable Powdercoated Optibike Red

Wheels:

WTB Dual Duty 26" wheel set

Throttle:

Electronic Right Thumb

Lights:

Dual Ultrabright 10 watt Halogen