

## Optibike 400t

The Optibike 400t offers the same blend of Performance, Style, and Safety of the Optibike 400 with over twice the range! The Optibike 400t comes with the Optibike Li-Poly Touring Battery stylishly housed in an MTX Touring Bag and is complete with:

- Pannier bags for long rides that are easily hidden for short ones.
- Industry Leading MTX Dual Duty Wheelset.
- Topeak Multi-tool, tire pump, tire changing tools, and all purpose bike lube for an experience that is ready to go the long haul right out of the box.

The 400t is the bike to have if you plan on riding in the 30-60 mile range. The Optibike 400t is the bike that rode 103 miles in 4 hours at the 2006 Tour De Sol (with some extra batteries), and the bike that rode up Pikes Peak in Colorado!

### Features and Benefits

#### Sleek Monocoque Frame:

The aluminum Optibike 400t frame incorporates style and function in an integrated package. Smooth clean lines mean you will turn heads wherever you go on your Optibike, weather whizzing past roadies or bombing down the trails.

#### Low Center of Gravity:

The Optibike 400t 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.

#### Safe, reliable Avid Disk Brakes

Vented disk brakes give the Optibike 400t 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 25+ mph, there is no safe alternative to the best disk brakes available.

#### Full Suspension

The Optibike 400t comes fully equipped with industry leading Fox Air Fork and Fox Float shock giving the Optibike world class handling on and off road. Fox has been leading the suspension component industry since 1974. High Quality full suspension is an absolute necessity for your safety and comfort.

#### 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 400t  
Specs

#### Performance

#### Riding modes:

2 modes - sport & economy

#### Stock range:

42 miles - electric only

52 miles - moderate pedaling  
60+ miles - hard pedaling

Stock run time:

2.3 hours - sport mode  
3 hours - economy mode

Top Speed:

20mph - electric only  
25 mph - cruising speed  
28+ mph - with pedal assist

Overall weight:

69 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:

400w continuous

Suspension:

Front: Fox Vanilla R Fork  
Rear: Fox Air Floater long travel Rear Shock

Brakes:

Front and rear: Safe, long lasting Avid BB5 6&rdquo; vented disk

Gearing:

Shimano 105 7 speed derailleur

Shifting:

Sram Grip-Shift

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