

*WISPER*

# FIRST CLASS ELECTRIC BICYCLES



# THE WISPER BRAND



The Wisper ebike brand is synonymous with excellence in design, high quality build and componentry.

With over twelve years' experience in the electric bicycle industry, the team at Wisper Electric Bikes continues to push the boundaries using the very latest branded components and hassle-free, state of the art battery and drive technology.

Wisper's latest ebike range has something for everyone - especially those looking for unrivalled value for money. Whether you're looking for a bike to commute to work, ride around town, get fit and healthy or simply to enjoy the countryside, then Wisper has an electric bike for you.

Every ebike in the Wisper range comes with a ten-year frame warranty and two-year parts and battery warranty - providing you with complete peace of mind. In addition, our after sales team is recognised as one of the very best in the industry, providing fantastic levels of service and care for your bike.

Wisper has been at the forefront of development in the UK electric bike market over the last twelve years. We are a founding member of the British Electric Bicycle Association as well as being a prominent affiliate and sit on the ebike committee of the Bicycle Association of Great Britain.

To book a test ride and experience the comfort and power of a Wisper ebike for yourself please contact your local dealer, or contact us directly at [info@wisperbikes.com](mailto:info@wisperbikes.com) or visit [www.wisperbikes.com](http://www.wisperbikes.com).

# WHY CHOOSE AN EBIKE?

Cycling can be a daunting prospect for many people. It can require high levels of fitness and motivation to cover even moderate distances - that's where ebikes come in. Whether you're looking to enjoy cycling for the first time, or are a former cyclist who has been a long time out of the saddle, ebikes provide a simple no fuss option of getting from A to B.

## What is an ebike?

Put simply an ebike is a bicycle that is electrically assisted via a motor that provides power to help push the bike along. You still have to pedal, however when the bicycle senses you are pedaling the motor provides you with plenty of additional assistance.

## Who should buy an ebike?

Ebikes can be ridden and enjoyed by any-one aged fourteen and over! Customers come from all walks of life and have wildly differing motivations for purchasing an ebike. Whether you want to ditch the car because you're fed up with being stuck in traffic, want a greener form of transport, or to be able to cycle longer distances and enjoy your surroundings then a Wisper bike can definitely meet your needs and many more.



# OUR TECHNOLOGY

## About the Wisper ebike technology

**Batteries:** Wisper ebikes come with the choice of two batteries that fit all models without the need for any changes or adjustments to the bikes or batteries. Both battery options are provided with a two-year warranty. Our batteries are stowed in a specially developed rear rack shortening the wheel base, resulting in a safer, nimbler ride and raising the battery away from road spray. A short wheel base ensures improved safety and control, especially at speed.

**Battery Option 1:** Standard 375Wh lithium battery has a range of up to 50 miles and takes 2.5 - 5 hours to charge.

**Battery Option 2:** Long range 575Wh cutting edge Samsung battery with deep sleep mode, has a range of up to 75 miles and takes 2 - 4 hours to charge.

**Controller:** The controllers found on both Wisper ranges run on our own patented software. We have developed the software to offer the most natural of riding experiences. When combined with the Wisper cadence and torque sensors we are able to produce the smoothest, most responsive ebikes on the market - regardless of cost.

**Motor:** Both Wisper SE and Wisper Torque bikes are driven by the latest brushless motors made by one of the largest ebike motor manufacturers in the world. The Wisper Torque's ultra high torque brushless motor is extremely compact and very powerful. When used in conjunction with Wisper's unique software the Wisper Torque's motor is virtually silent.

# WISPER TORQUE RANGE



The Wisper Torque range of ebikes utilises a new and unique hybrid torque drive system that integrates information from both the torque and cadence sensors. The system has been specially designed to deliver maximum power to the bike's rear wheel smoothly and efficiently.

Wisper's innovative software cleverly combines information taken from the bike's sensors to provide you with a seamless and natural riding experience. The main benefit of the Wisper Torque drive system can be best experienced when setting off - especially on an incline. The moment you put pressure onto either pedal, the bike will react by gently engaging the motor. The more pressure you put onto the pedal, the more assistance you will receive from the motor.

Once the bike is underway the power assistance will gradually reduce until it's needed again - such as when cycling up hills, entering strong head winds or if you need to accelerate. The efficiency of this system increases the Wisper Torque's range by up to 40% when compared to standard cadence sensor systems.

All Wisper bikes are fitted with a twist throttle that is limited to a 4mph walk assist mode whilst the bike is not being pedaled. However, as soon as you start to turn the pedals forward the throttle becomes active, by twisting the throttle you can achieve up to 15.5mph without the need to increase pedal effort.

The Wisper Torque is unique amongst other ebikes since it gives you the facility to turn off the torque sensor so the system can run on cadence sensor alone. This feature is beneficial on long flat roads when continuous maximum assistance may be preferred.

Despite it's superb hill climbing ability, our torque drive system is virtually silent and is almost undetectable with the high torque motor sitting unobtrusively behind the rear gear cassette.



The stylish step-through frame is an adaptable unisex design that meets the needs of lots of different riders and provides a great (virtually silent) riding experience, whether you're commuting through busy city streets or simply hitting the open road. Designed with the addition of an oversized down tube for improved stiffness and rigidity, the 705 Torque Step-through is Wisper's best selling multi-purpose bike.

# 705 TORQUE STEP - THROUGH



|                       |   |
|-----------------------|---|
| <b>Motor</b>          | Wisper High efficiency, 250W ultra high torque brushless motor and silent ride technology |
| <b>Sensors</b>        | Wisper torque and cadence sensors   |
| <b>Battery</b>        | Lithium Medium range 375Wh<br>Samsung Long range 575Wh                                    |
| <b>Assisted range</b> | 375Wh battery up to 50 miles<br>575Wh battery up to 75 miles                              |
| <b>Controls</b>       | Wisper Back lit LCD display panel   |
| <b>Bicycle weight</b> | 375Wh: 24kg<br>575Wh: 25kg  |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered  |
| <b>Frame size</b>     | 18" 46.5cm  |
| <b>Colour</b>         | Graphite Silk   |
| <b>Forks</b>          | Suntour NEX/SR with lockout and pre-tension   |
| <b>Saddle</b>         | Selle Royal ebike   |
| <b>Kick stand</b>     | Black anodised alloy  |
| <b>Gears</b>          | SHIMANO Acera 8 speed derailleur with 8 speed rapid fire selector, 8 speed cassette       |
| <b>Brakes</b>         | Tektro hydraulic 180mm disc brakes front and 160mm rear                                   |
| <b>Wheels</b>         | Alloy double walled 26" x 1.5"  |
| <b>Tyres</b>          | Kenda 26" 1.95 high puncture resistance with Kevlar and wall reflector                    |
| <b>Mudguards</b>      | Black Full length, shatterproof   |
| <b>Lighting</b>       | Front: 15W LED super bright<br>Rear: 36V light, power from bike battery                   |
| <b>Rear</b>           | Wisper's unique rear battery rack, certified to 25kg                                      |



The 806 Torque Folding Bike is Wisper's go to bike for any cyclist that is mindful of space or likes to travel with their bicycle. Whether you enjoy camping, caravanning, boating holidays or you have a need to stow your bike away at your place of work or at home then the 806 Torque folding bike is the perfect solution.

Additionally, with its very low step over height, easily adjustable saddle and telescopic handlebar position, the Wisper 806 is very accessible for the smaller rider, whilst also catering for the taller rider. This compact ebike provides an environmentally friendly form of transport that is cheap to run and ideal for navigating city streets or country lanes.

# 806 TORQUE FOLDING BIKE



|                       |   |
|-----------------------|---|
| <b>Motor</b>          | Wisper High efficiency, 250W ultra hi torque brushless motor and silent ride technology     |
| <b>Sensors</b>        | Wisper torque and cadence sensors   |
| <b>Battery</b>        | Lithium Medium range 375Wh<br>Samsung Long range 575Wh                                      |
| <b>Assisted range</b> | 375Wh battery up to 50 miles<br>575Wh battery up to 75 miles                                |
| <b>Controls</b>       | Wisper Back lit LCD display panel   |
| <b>Bicycle weight</b> | 375Wh: 22kg<br>575Wh: 23kg  |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered, folding   |
| <b>Frame size</b>     | 16" 40.6cm  |
| <b>Colour</b>         | Graphite Silk   |
| <b>Forks</b>          | Alloy   |
| <b>Saddle</b>         | Selle Royal Italy   |
| <b>Kick stand</b>     | Black anodised alloy  |
| <b>Gears</b>          | SHIMANO Acera 8 speed derailleur with 8 speed quick fire selector and 8 speed rear cassette |
| <b>Brakes</b>         | Tektro 160mm disc brakes front and rear, Tektro Comfort levers with integrated bell         |
| <b>Wheels</b>         | Alloy double walled 20" x 1.5"  |
| <b>Tyres</b>          | Kenda 20" 1.95 high puncture resistance with Kevlar and wall reflector                      |
| <b>Mudguards</b>      | Black full length shatterproof  |
| <b>Lighting</b>       | Front: 15W LED super bright<br>Rear: 36V light, power from bike battery                     |
| <b>Rear Rack</b>      | Wisper's unique rear battery rack, certified to 25kg  |

We have designed the 905 Torque Crossbar with greater rigidity for a slightly stiffer and more responsive ride. Its sleek and stylish looks combined with sturdy tyres and lock out forks ensure that the 905 Torque is the perfect hybrid option to provide riders with hours of enjoyment on the road and trails.



# 905 TORQUE CROSS- BAR



|                       |   |
|-----------------------|---|
| <b>Motor</b>          | Wisper High efficiency, 250W ultra high torque brushless motor and silent ride technology |
| <b>Sensors</b>        | Wisper torque and cadence sensors   |
| <b>Battery</b>        | Lithium Medium range 375Wh<br>Samsung Long range 575Wh                                    |
| <b>Assisted range</b> | 375Wh battery up to 50 miles<br>575Wh battery up to 75 miles                              |
| <b>Controls</b>       | Wisper Back lit LCD display panel   |
| <b>Bicycle weight</b> | 375Wh: 24kg<br>575Wh: 25kg  |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered  |
| <b>Frame size</b>     | 18" 46.5cm  |
| <b>Colour</b>         | Graphite Silk   |
| <b>Forks</b>          | Suntour NEX/SR with lockout and pre-tension   |
| <b>Saddle</b>         | Selle Royal ebike   |
| <b>Kick stand</b>     | Black anodised alloy  |
| <b>Gears</b>          | SHIMANO Acera 8 speed derailleur with 8 speed rapid fire selector, 8 speed cassette       |
| <b>Brakes</b>         | Tektro hydraulic 180mm disc brakes front and 160mm rear                                   |
| <b>Wheels</b>         | Alloy double walled 26" x 1.5"  |
| <b>Tyres</b>          | Kenda 26" 1.95 high puncture resistance with Kevlar and wall reflector                    |
| <b>Mudguards</b>      | Black Full length   |
| <b>Lighting</b>       | Front: 15W LED super bright<br>Rear: 36V light, power from bike battery                   |
| <b>Rear Rack</b>      | Wisper's unique rear battery rack, certified to 25kg                                      |



# WISPER SE RANGE

Wisper's range of SE ebikes use many of the same high-end components, found in the Wisper Torque bikes. However, the SE range has been designed to be simple, lightweight and even more affordable.



The bikes in the SE range utilise a market leading cadence sensor that provides responsive application of power on hills through the use of 12 magnets (compared to the industry standard of 6). Cadence sensors switch the power on when pedals are turned forward and off when pedaling stops.

As with the Torque range, the SE comes with 5 levels of power assistance enabling riders to increase or decrease assistance, depending on the incline of the road or weight of the load on the bike.

All Wisper bikes are fitted with a twist throttle that is limited to 4mph walk assist mode whilst the bike is not being pedaled. However, as soon as you start to turn the pedals forward

the throttle becomes active, by twisting the throttle you can achieve up to 15.5mph without the need to increase your pedaling effort.

The Wisper high efficiency 250w high torque brushless motor is smooth, quiet and works in harmony with the cadence sensor to deliver a responsive, natural riding experience.





Based on the Wisper 705 Torque model, the SE is well styled and features a very adaptable unisex design - that provides a great all around riding experience and represents excellent value for money. The Step-through is Wisper's go to bike for most riders and the perfect choice for shopping, commuting or long country rides.

# 705 SE STEP- THROUGH



|                       |  |
|-----------------------|--|
| <b>Motor</b>          | Wisper High efficiency, 250W hi torque brushless motor   |
| <b>Battery</b>        | Medium range 375Wh<br>Samsung Long range 575Wh   |
| <b>Assisted range</b> | 375Wh battery up to 35 miles<br>575Wh battery up to 50 miles   |
| <b>Controls</b>       | Wisper Back lit LCD display  |
| <b>Bicycle weight</b> | 375Wh: 23kg<br>575Wh: 24kg   |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered   |
| <b>Frame size</b>     | 18" 46.5cm   |
| <b>Colour</b>         | Black, Electric Blue or Burgundy   |
| <b>Forks</b>          | Lightweight alloy Wisper blade forks or Suntour NEX/SR with lockout and pre-tension (Supplement required). |
| <b>Saddle</b>         | Wisper comfort   |
| <b>Kick stand</b>     | Black anodised alloy   |
| <b>Gears</b>          | SHIMANO 7 speed derailleur with 7 speed selector   |
| <b>Brakes</b>         | Tektro 180mm disc brakes front and 160mm rear, Tektro Comfort levers with integrated bell                  |
| <b>Rims</b>           | Alloy double walled 26" x 1.5"   |
| <b>Tyres</b>          | Kenda 1088 26" 1.95 high puncture resistance with Kevlar and wall reflector                                |
| <b>Mudguards</b>      | Colour coded full length shatterproof  |
| <b>Lighting</b>       | Front: 15W LED<br>Rear: 36V light, power from bike battery   |
| <b>Rear Rack</b>      | Wisper's unique rear battery rack, certified to 25kg   |



Our SE folding bike is based on the Torque version, utilising the same frame, handle bar stem and locking mechanisms. The SE folding bike is the perfect option for avid campers, caravaners, boating enthusiasts or for those with restricted storage space. With their very low step over height the 806 SE is also ideal for the rider smaller in stature, however the extensive adjustment range on the seatpost and handle bar stem means the bike can be modified for even the tallest member of the family.

# 806 SE FOLDING BIKE



|                       |  |
|-----------------------|--|
| <b>Motor</b>          | Wisper High efficiency, 250W hi torque brushless motor                             |
| <b>Battery</b>        | Lithium Medium range 375Wh<br>Samsung Long range 575Wh                             |
| <b>Assisted range</b> | 375Wh battery to 35 miles<br>575Wh battery to 50 miles                             |
| <b>Controls</b>       | Wisper Back lit LCD display  |
| <b>Bicycle weight</b> | 375Wh: 21kg<br>575Wh: 22kg   |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered, folding                                |
| <b>Frame size</b>     | 16" 40.6cm   |
| <b>Colour</b>         | Black, Electric Blue or Burgundy   |
| <b>Forks</b>          | Alloy  |
| <b>Saddle</b>         | Wisper comfort   |
| <b>Kick stand</b>     | Black anodised alloy   |
| <b>Gears</b>          | SHIMANO 7 speed derailleur with 7 speed selector                                   |
| <b>Brakes</b>         | Tektro 160mm disc brake front and rear, Tektro Comfort levers with integrated bell |
| <b>Wheels</b>         | Alloy double walled 20" x 1.5"   |
| <b>Tyres</b>          | Kenda 20" 1.95 high puncture resistance with Kevlar and wall reflector             |
| <b>Mudguards</b>      | Black Full Length shatterproof   |
| <b>Lighting</b>       | Front: 15W LED<br>Rear: 36V light, power from bike battery                         |
| <b>Rear Rack</b>      | Wisper's unique rear battery rack, certified to 25kg                               |

The Wisper 905 SE Crossbar is a real thoroughbred. Based on the Wisper 905 Torque, the SE exudes style while providing greater rigidity to produce a responsive and lightweight riding experience. Wisper's 905 SE is the perfect hybrid option promising riders hours of enjoyment both on the roads and gravel trails.



# 905 SE CROSS- BAR



|                       |  |
|-----------------------|--|
| <b>Motor</b>          | Wisper High efficiency, 250W hi torque brushless motor   |
| <b>Battery</b>        | Medium range 375Wh<br>Samsung Long range 575Wh   |
| <b>Assisted range</b> | 375Wh battery up to 35 miles<br>575Wh battery up to 50 miles   |
| <b>Controls</b>       | Wisper Back lit LCD display  |
| <b>Bicycle weight</b> | 375Wh: 23kg<br>575Wh: 24kg   |
| <b>Frame</b>          | Hand welded, 6061 Alloy T4 and T6 tempered   |
| <b>Frame size</b>     | 18" 46.5cm   |
| <b>Colour</b>         | Black  |
| <b>Forks</b>          | Lightweight alloy Wisper blade forks or Suntour NEX/SR with lockout and pre-tension (Supplement required). |
| <b>Saddle</b>         | Wisper comfort   |
| <b>Kick stand</b>     | Black anodised alloy   |
| <b>Gears</b>          | SHIMANO 7 speed derailleur with 7 speed selector   |
| <b>Brakes</b>         | Tektro 180mm disc brakes front and 160mm rear, Tektro Comfort levers with integrated bell                  |
| <b>Rims</b>           | Alloy double walled 26" x 1.5"   |
| <b>Tyres</b>          | Kenda 1088 26" 1.95 high puncture resistance with Kevlar and wall reflector                                |
| <b>Mudguards</b>      | Black full length shatterproof   |
| <b>Lighting</b>       | Front: 15W LED<br>Rear: 36V light, power from bike battery   |
| <b>Rear Rack</b>      | Wisper's unique rear battery rack, certified to 25kg   |

# COMPARISON

**WISPER**

| MODEL | MOTOR | BATTERY | ASSISTED RANGE | CONTROLS | BICYCLE WEIGHT | FRAME | FRAME SIZE | COLOUR | FORKS |
|-------|-------|---------|----------------|----------|----------------|-------|------------|--------|-------|
|-------|-------|---------|----------------|----------|----------------|-------|------------|--------|-------|

## TORQUE

|            |                        |             |   |   |                         |                               |              |               |                             |
|------------|------------------------|-------------|---|---|-------------------------|-------------------------------|--------------|---------------|-----------------------------|
| <b>705</b> | 250W Ultra High Torque | 375Wh/575Wh | 375Wh up to 50miles/575Wh up to 75miles | Wisper back lit LCD with remote buttons | 375Wh 24kg - 575Wh 25kg | 6061 Alloy T4 and T6 tempered | 18" - 46.5cm | Graphite silk | Suntour NEX/SR with lockout |
| <b>806</b> | 250W Ultra High Torque | 375Wh/575Wh | 375Wh up to 50miles/575Wh up to 75miles | Wisper back lit LCD with remote buttons | 375Wh 22kg - 575Wh 23kg | 6061 Alloy T4 and T6 tempered | 16" - 40.6cm | Graphite silk | Wisper alloy forks          |
| <b>905</b> | 250W Ultra High Torque | 375Wh/575Wh | 375Wh up to 50miles/575Wh up to 75miles | Wisper back lit LCD with remote buttons | 375Wh 24kg - 575Wh 25kg | 6061 Alloy T4 and T6 tempered | 18" - 46.5cm | Graphite silk | Suntour NEX/SR with lockout |

## SE

|            |                  |             |   |                        |                         |                               |              |                                  |                                 |
|------------|------------------|-------------|---|------------------------|-------------------------|-------------------------------|--------------|----------------------------------|---------------------------------|
| <b>705</b> | 250W High Torque | 375Wh/575Wh | 375Wh up to 35miles/575Wh up to 50miles | Wisper SE back lit LCD | 375Wh 23kg - 575Wh 24kg | 6061 Alloy T4 and T6 tempered | 18" - 46.5cm | Black, Electric Blue or Burgundy | Lightweight alloy Wisper blade* |
| <b>806</b> | 250W High Torque | 375Wh/575Wh | 375Wh up to 35miles/575Wh up to 50miles | Wisper SE back lit LCD | 375Wh 21kg - 575Wh 22kg | 6061 Alloy T4 and T6 tempered | 16" - 40.6cm | Black                            | Wisper alloy forks              |
| <b>905</b> | 250W High Torque | 375Wh/575Wh | 375Wh up to 35miles/575Wh up to 50miles | Wisper SE back lit LCD | 375Wh 23kg - 575Wh 24kg | 6061 Alloy T4 and T6 tempered | 18" - 46.5cm | Black                            | Lightweight alloy Wisper blade* |

| SADDLE | KICK STAND | GEARS | BRAKES | WHEELS | TYRES | LIGHTS | REAR RACK |
|--------|------------|-------|--------|--------|-------|--------|-----------|
|--------|------------|-------|--------|--------|-------|--------|-----------|

|                         |     |                       |   |     |   |                                    |     |
|-------------------------|-----|-----------------------|---|-----|---|------------------------------------|-----|
| Selle Royal ebike Black | Yes | SHIMANO Acera 8 speed | Tektro hydraulic 180mm disc brakes front & 160mm rear                             | 26" | Kenda City 26" 1.95 high puncture resistance with Kevlar and wall reflector | Spanninga 36V 15W led front & rear | Yes |
| Selle Royal ebike Black | Yes | SHIMANO Acera 8 speed | Tektro 160mm disc brakes front & rear, Tektro Comfort levers with integrated bell | 20" | Kenda City 20" 1.95 high puncture resistance with Kevlar and wall reflector | Spanninga 36V 15W led front & rear | Yes |
| Selle Royal ebike Black | Yes | SHIMANO Acera 8 speed | Tektro hydraulic 180mm disc brakes front & 160mm rear                             | 26" | Kenda City 26" 1.95 high puncture resistance with Kevlar and wall reflector | Spanninga 36V 15W led front & rear | Yes |

|                      |     |                         |   |     |  |                                 |     |
|----------------------|-----|-------------------------|---|-----|--|---------------------------------|-----|
| Wisper comfort Black | Yes | SHIMANO Tourney 7 speed | Tektro 180mm disc brakes front & 160mm rear, Tektro Comfort levers with integrated bell | 26" | Kenda 26" 1.95 high puncture resistance with Kevlar & wall reflector | Wisper 36V 15W led front & rear | Yes |
| Wisper comfort Black | Yes | SHIMANO Tourney 7 speed | Tektro 160mm disc brake front & rear, Tektro Comfort levers with integrated bell        | 20" | Kenda 20" 1.95 high puncture resistance with Kevlar & wall reflector | Wisper 36V 15W led front & rear | Yes |
| Wisper comfort Black | Yes | SHIMANO Tourney 7 speed | Tektro 180mm disc brakes front & 160mm rear, Tektro Comfort levers with integrated bell | 26" | Kenda 26" 1.95 high puncture resistance with Kevlar & wall reflector | Wisper 36V 15W led front & rear | Yes |

\* Suntour NEX/SR with lockout and pre-tension (Supplement required)

# WISPER DEALERS

Wisper has a dedicated and rapidly growing network of approved ebike dealers and service centres throughout the UK.

If you would like to take a Wisper ebike out for a test ride, please contact your local Wisper dealer to arrange an appointment. Should there be any

difficulty in securing a test ride on your preferred Wisper model then please contact Wisper directly.

To find your nearest Wisper dealer or for more information about any of our products then please visit [www.wisperbikes.com](http://www.wisperbikes.com), email [info@wisperbikes.com](mailto:info@wisperbikes.com) or call 01732 762777.

Through our network of expert Wisper dealers, we are able to supply our electric bikes to any part of the UK or Europe.

Our latest Wisper ebikes continue to be in very high demand. If you have difficulties purchasing one of our excellent machines, please contact us for assistance.

**WISPER**



The logo for Wisper, featuring the word "WISPER" in a bold, italicized, white sans-serif font against a dark blue background.

**Amps Electric Bikes Ltd.**

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[www.wisperbikes.com](http://www.wisperbikes.com)

**Dealer Contact Information**