

# INFINEUM



INFINEUM

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# THE EXTREME ELECTRIC BIKE

The Extreme LPX was the successful launch model of the Infineum range of premium electric bicycles.



An entirely British concept and design, the rugged outdoor looks are complemented by a powerful, yet lightweight, motor which is driven by a unique patented stackable Lithium Polymer battery system. This provides the bike with an unrivalled performance. The Extreme LPX looks and feels like a standard bicycle, making it a more discrete and practical vehicle whilst weighing less than most other electric bicycles.

## Battery Technology

The Extreme Electric Bike like all Infineum bikes use a **Patented Stackable Battery System** as featured on the back of the brochure and explained more in depth in the **Infineum Technology** section.



## Power Modes



**Mode 1 – Assisted Power.** When pedalling a proportionate amount of assisted power is given\*

**Mode 2 – Motor Power Only.** The Infineum has an independent throttle on the handlebar to regulate power independently of pedalling.

**Mode 3 – Cycling Only.** Motor power switched off

\*UK Law sets a maximum bicycle motor speed of 15mph when using the motor.  
No maximum in Cycling Only

## Modular Connectors

Modular connectors allow the components to be attached to a central wiring loom, which is housed and hidden inside the frame. This offers an aerodynamic, streamlined, aesthetically pleasing design as well as protection from the elements. Consequently, servicing is made as easy as possible, giving the rider the ability to simply unplug the components at source.



## Components

High quality branded components such as Shimano Alivio gears and Rock Shox shock absorbers enhance the performance and ride experience of the Infineum Extreme. 24 gears operated by Rapidfire trigger gear shifters and quality V-brakes make the Extreme ideal for both recreational and conventional cycling.

## Shock Absorbers

The Rock Shox Dart 1 aluminium and steel forks with coil springs compliment the Shimano range to give a light-weight, comfortable journey.

# EXTREME Electric Bike Specifications



£1299 inc vat

## Specification - Extreme LPX

### Triple - Mode of Operation:

- Motor power only – 15mph max speed
- Assisted power – Motor and Pedals – 15mph max speed
- Cycling only – Without Motor Assist

### Description of motor:

Lightweight with greater than 80% motor efficiency

### High Spec:

Triple Mode Power:

- Independent twist grip throttle
- Pedelec power assistance
- Can be ridden as a bicycle

Intelligent brushless motor in front hub

Bicycle computer – back lit display showing:

- Speed mph
- Battery level

Odometer - Select level of assistance

### Brakes and Gears:

Shimano Alivio:

- Trigger gear shifters
- Brake levers
- 24 gear mechanism
- Shimano Alivio V-brakes front and rear
- Cranks (170mm)
- Chain Wheel Set 28/38/48 teeth

Front Shock Absorbers – Rock Shox

Headset – Cane Creek

Modular components for easy serviceability

### Battery Performance:

- Lithium Polymer battery – 36V 6.5Ah = 234 Watt hours
- 25-33 miles per battery with gentle pedalling on a flat surface
- Full battery recharge in 5 hours
- Recharge the battery for 1000 cycles
- Battery discretely locks into cycle

### Physical Features:

- Diamond shaped aluminium frame - Metallic Black/Silver
- 26 inch wheels
- Forks – Rock Shox Dart 1
- Handlebar height – 102cm to 104cm
- Saddle height – 90cm to 104cm
- Length of cycle – 171cm
- Weight without battery – 18.24kg
- Battery weight – 1.82kg
- Weight including battery – 20.06kg

### Extras Included:

- Battery charger
- Rear rack supporting up to 15kg

Additional Battery £325 inc vat

**2 year Warranty**

# THE CONTINENTAL ELECTRIC BIKE

The Continental bike range are the latest models of the Infineum range of premium electric bicycles.



The **Continental** Electric Bike has been designed by the R&D team at Infineum and features the latest battery technology.



The Continental Electric Bike like all Infineum bikes uses a **Patented Stackable Battery System** as featured on the back of the brochure and explained more in depth in the **Infineum Technology** section.

The Continental Electric Bike can be ridden in 2 modes of operation - assisted power - motor and pedals, or cycling only - without motor assist.



The bike uses an Intelligent Brushless motor located in the front hub and a Shimano Nexus 8 speed rear hub system.

The Continental boasts a British designed step-through aluminium frame in metallic black and silver with 28 inch wheels. and SunTour suspension forks ensuring an efficient and comfortable ride.

A major advantage of the Continental is the modular components which allow for easy serviceability

## Handlebar Control



The Continental's handlebar control has 6 pedal assist speed settings, a battery level indicator, and the bike has a walking speed button which operates the motor if necessary when the bike is being pushed.

## Comfort



Suspension Seat Post

To improve comfort the Continental incorporates a Suspension Seat Post with quick release clamp allowing the saddle height to be easily adjusted 90cm to 104cm. The rider can also adjust the handlebar height from 105cm to 116cm thanks to a quick release stem.

The total weight of the bike with one stackable battery weighs in at 26Kg, the length of the Continental is 182cm.

## Components

The Continental uses high quality Shimano Nexus components including Nexus 8 speed rear hub with roller brake, Nexus Revo gear shifters and Nexus single ring crankset. The Continental comes with a battery charger and a rear rack supporting up to 15Kg.

## Bespoke lights



The **Continental** comes with bespoke lights for front and rear of the bike.

# CONTINENTAL Electric Bike Specifications



**£1699** inc vat

## Specification - Continental

### Dual - Mode of Operation:

Assisted power – Motor and Pedals – 15mph max speed  
Cycling only – Without Motor Assist - No speed limit

### Description of motor:

Lightweight with greater than 80% motor efficiency

### High Spec:

Dual Mode Power:

- Pedelec power assistance
- Can be ridden as a bicycle

Intelligent brushless motor in front hub

Handlebar display showing:

- Battery Level
- Pedelec power level

### Brakes and Gears:

Shimano Nexus groupset:

- Revo gear shifters
- 8 speed rear hub with roller brake
- Front V brake
- Crankset

### Battery Performance:

Lithium Polymer battery – 36V 6.5Ah = 234 Watt hours  
25-33 miles per battery with pedalling on a flat surface  
Full battery recharge in 5 hours  
Recharge the battery for 1000 cycles  
Battery discretely locks into cycle

### Physical Features:

Step-through aluminium frame - Metallic Black and Silver  
28 inch wheels  
Forks – SunTour suspension forks  
Handlebar height – 105cm to 116cm  
Suspension Seat Post - Saddle height – 90cm to 104cm  
Length of cycle – 182cm  
Weight including battery – 26kg

### Extras Included:

Battery charger  
Rear rack supporting up to 15kg  
Dress Guard

Additional Battery £325 inc vat

**2 year Warranty**

# THE CONTINENTAL GT ELECTRIC BIKE

The Continental bike range are the latest models of the Infineum range of premium electric bicycles.



The **Continental GT** Electric Bike features a gentlemen's touring city style frame with a more enhanced and sturdy body as pictured above.

The Continental GT boasts a British designed aluminium frame in metallic black and silver with 28 inch wheels. and SunTour suspension forks ensuring an efficient and comfortable ride.



The Electric Bike like all Infineum bikes uses a **Patented Stackable Battery System** as featured on the back of the brochure and explained more in depth in the **Infineum Technology** section.

The Continental GT Electric Bike can be ridden in 2 modes of operation - assisted power - motor and pedals, or cycling only - without motor assist.

The bike uses an Intelligent Brushless motor located in the front hub and a Shimano Nexus 8 speed rear hub system.



A major advantage of the Continental GT is the modular components which allow for easy serviceability.

## Handlebar Control



The Continental GT's handlebar control has 6 pedal assist speed settings, a battery level indicator, and the bike has a walking speed button which operates the motor if necessary when the bike is being pushed.

## Comfort



Suspension Seat Post

To improve comfort the Continental GT incorporates a Suspension Seat Post with quick release clamp allowing the saddle height to be easily adjusted 90cm to 104cm. The rider can also adjust the handlebar height from 105cm to 116cm thanks to a quick release stem.

The total weight of the bike with one stackable battery weighs in at 26Kg, the length of the Continental GT is 182cm.

## Components

The Continental GT uses high quality Shimano Nexus components including Nexus 8 speed rear hub with roller brake, Nexus Revo gear shifters and Nexus single ring crankset. The Continental GT comes with a battery charger and a rear rack supporting up to 15Kg.

## Bespoke lights



The **Continental GT** comes with bespoke lights for front and rear of the bike.

# CONTINENTAL GT Electric Bike Specifications



**£1699** inc vat

## Specification - Continental GT

### Dual - Mode of Operation:

Assisted power – Motor and Pedals – 15mph max speed  
Cycling only – Without Motor Assist - No speed limit

### Description of motor:

Lightweight with greater than 80% motor efficiency

### High Spec:

Dual Mode Power:

- Pedelec power assistance
- Can be ridden as a bicycle

Intelligent brushless motor in front hub

Handlebar display showing:

- Battery Level
- Pedelec power level

### Brakes and Gears:

Shimano Nexus groupset:

- Revo gear shifters
- 8 speed rear hub with roller brake
- Front V brake
- Crankset

### Battery Performance:

Lithium Polymer battery – 36V 6.5Ah = 234 Watt hours  
25-33 miles per battery with pedalling on a flat surface  
Full battery recharge in 5 hours  
Recharge the battery for 1000 cycles  
Battery discretely locks into cycle

### Physical Features:

aluminium frame - Metallic Black and Silver  
28 inch wheels  
Forks – SunTour suspension forks  
Handlebar height – 105cm to 116cm  
Suspension Seat Post - Saddle height – 90cm to 104cm  
Length of cycle – 182cm  
Weight including battery – 26kg

### Extras Included:

Battery charger  
Rear rack supporting up to 15kg  
Dress Guard

Additional Battery £325 inc vat

**2 year Warranty**

# INFINEUM

## INFINEUM TECHNOLOGY

The Infineum electric bikes are a high end electric bike brand featuring the latest in advanced technology with a patented stackable battery system, cycle computer, shock absorbers and modular connectors.



The Infineum electric bikes can be ridden in various modes of assisted power, motor power only and cycling only mode making it a must have purchase.



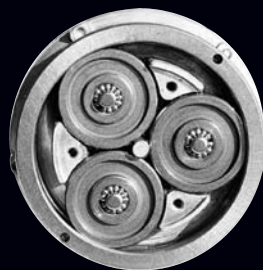
### The Motor

The Epicycle Friction drive motor weighs only 1.82Kg and is situated in the front wheel hub, making it easier to remove than the usual rear position, where gears may get in the way. The lightweight

technology gives 200 watts of pure power, ensuring perfect balance for an effortless and enjoyable journey.

### Motor Efficiency

The motor itself is small and discrete, and provides an unbeaten silent 80% efficiency. Instead of conventional toothed gears, the Infineum motor uses a series of satellite discs to ensure a smooth, yet powerful, ride



### Patented Stackable Battery System



Each battery weighs 1.82Kg and is situated inside the rear rack carrier and can be securely locked in place. Multiple batteries can be added and are secured into position with their own locking system ensuring they stay securely in place until the base battery is unlocked and removed. Each battery gives 25-33 miles of pedal assisted travel, and with the stackable system, each journey could be potentially limitless.

### Lithium Polymer Technology

The patented Infineum Stackable Battery is compact, yet the Lithium Polymer technology provides greater power density than other battery chemistry. Unlike Lithium Ion, Lithium Polymer poses no risk of fire or explosion. It is not only lighter, but provides five times the power of traditional Lead Acid batteries of equivalent weight. This means that carrying spare batteries does not pose a weight issue.

### Charging the Battery

Charging the battery can be done with either multiple units stacked or as a single unit on the bike. The batteries may also be unlocked and removed for ease and then charged when off the bike. The battery and charger have indicator lights to let the rider know when it has been fully charged.

### 2 Year Warranty

Both The Infineum Continental and Extreme electric bike comes with an unrivalled 2 year return to base warranty that covers the frame, all of the electrical components and the battery.

### Delivery Charges

UK Mainland deliveries

Monday to Friday £25 inc VAT per bike.  
Saturday £39 inc VAT per Bike

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JN-1512 08.02.2011 Prices and specification subject to change. E&OE