

E^{ASY}*motion*
Electric Bikes by **BH**

The
electric bike
that doesn't
look like one...

www.eMotionBikesUSA.com



E^{ASY} motion
Electric Bikes by **BH**

ABOUT EASY MOTION

The award-winning Easy Motion electric bike company has the latest in pedal assist and power on demand (POD) technology. Easy Motion is part of the BH Bicycle Corporation of Spain, one of the world's oldest and largest bicycle suppliers with over 100 years of biking experience. Easy Motion USA enhances our EVO Collection with a 500W Motor and 48V Battery, 2 All Wheel Drive (AWD) bikes with a rear 350W and front 250W motor, the EVO Nitro high speed bike, the addition of the economical Easy Go series and the continuation of the Bosch Series with the Bosch Performance Motor.

Our wide range of models encompass everything from leisure to sport bikes that are specifically designed to incorporate a variety of user needs. From students looking to get around campus, to city commuters looking for an eco option of travel, to adventure enthusiasts looking for a boost along the trail, or simply more family fun; Easy Motion has the electric bike for you, allowing you to go further and enjoy the ride! With our powerful RDS (Rear Drive System) system you can go at your own pace with ECO, Standard, Sport or Boost mode or pedal without any help at all from the motor.

BH is one of Europe's most prestigious bicycle makers and has built the brand into one of the most established and successful brands in the world of cycling. Since our inception, BH painstakingly engineers, designs, tests and builds bicycles that climb with ease, and descend with confidence – always putting rider performance and comfort first.

OPTIONAL E-CESSORIES



**BLUETOOTH MODULE
AND DOWNLOADABLE
PREMIUM APP FOR
IPHONE® OR ANDROID®**



GPS TRACKER



REAR WHEEL QUICK RELEASE



**NEOPRENE WINTER COVER
FOR BATTERY**

Bluetooth KIT & BH Bikes Premium APP

Evo, Evo AWD, Nitro, Easy Go

The optional Bluetooth module kit allows connecting the system to the Premium application (available free of charge in Apple Store and in Google Play) with several functions:

- Connectivity ANT+ with heart beat bands and speed and cadence sensors.
- More than 40 measurable parameters (speed, distance, calories, elevation, power, etc.)
- Customizable screen: Topographic profile / navigation map / virtual competitor / parameters.
- 3 riding types: manual, intelligent based on topography and intelligent based on heart beat.
- GPS navigation with intermediate points.
- File of routes
- System check (Battery wear status, calibration of torque sensor and identification of errors and operational protocol.
- Motor selection (Only **EVO AWD models**)

GPS Tracker

Evo, Evo AWD, Nitro

The optional GPS Tracker module kit is the perfect anti-theft system. It allows locating your bike at any time. Its perfect integration into the bicycle makes it accessible only by the user. It is controlled using the website and it is easily configured using the Premium applications. The following functions stand out:

- Location of the bicycle with 30 feet (in the open-air using GPS)
- Bicycle route tracking configuring a connection frequency.
- Weak battery, Geofence, or connection type alarm.
- Continuous power supply from the bicycle battery allowing long-lasting autonomy (once the main battery reaches 10% its power supply stops).



EVO



REAR
MOTOR 500W
HIGH EFFICIENCY

INTEGRATED
BATTERY



REAR MOTOR

HIGH EFFICIENCY 500W

The EVO series has a high efficiency (from 75% to 82%) rear 500W motor, a peak performance of 728W and consistent and elevated torque. 20 mph limit.



MOTOR

- Its design incorporated into the rear wheel allows optimal integration without visual impact and coupling without sacrificing performance. In turn it allows a standard Q factor transmission and conventional gear-set (double or triple plate).
- Allows the use of conventional gear set and offers minimal resistance in the non-assistance mode.
- Simple maintenance due to incorporating a patented system of motor cassette removal (Patent EP 2653371).



BATTERY

DISPLAY
LCD
REMOVABLE

48V

BATTERY

HIGH ELECTRICITY DENSITY

The Evo series is formed by Lithium batteries with Samsung cells, completely integrated into the frame, of 300Wh, 400Wh or 500Wh according to different models.

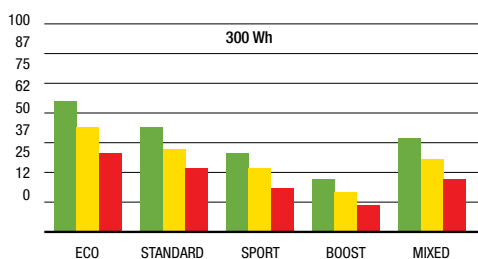
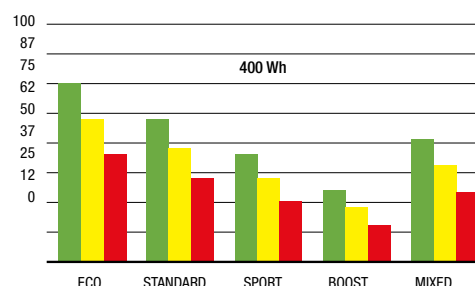
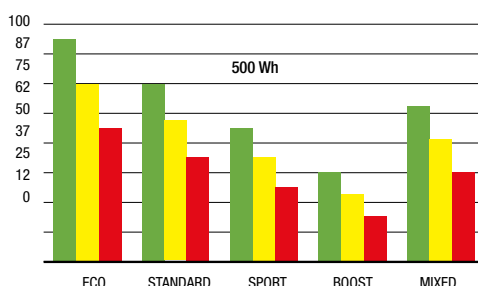
AUTOMATIC CARE AC system

The integrated batteries incorporate a BMS (Battery Management System) offering a very controlled consumption, lengthening the life of the battery, if not being used for long periods.

The deep sleep mode is automatically activated and allows that a battery with just 10% of its charge can be recharged up to 400 days later.

RANGE

With different autonomies: 75 m* for its 500Wh battery range, 59 m* for the 400Wh range and 43 m* for the 350Wh batteries.



*Eco Mode in favorable conditions

CHARGING TIME

The battery can be charged directly from a port integrated in the frame or from the battery itself. Allowing a rapid charge to 80% of the capacity in 1.5 hours.

- Ideal Conditions:** Ideal Conditions: Appropriate gear selection, proper tire inflation, flat terrain, no headwind, 68° F, rider weight + gear 154 lbs, average speed 10 mph.
- Favorable Conditions:** Appropriate gear selection (most of the time), tire tread and pressure with average rolling resistance, Slightly hilly terrain, slight headwind, approx. 50° F to 68° F, additional weight (excluding bike weight) 154 to 176 lbs, average speed 12 mph.
- Difficult Conditions:** Poor gear selection, underinflated tires, hilly terrain with long steep inclines, headwind, 58° F, rider weight + gear > 187lbs, average speed 15mph.



DISPLAY

REMOVABLE LCD

The Evo Easy Motion series includes a compact and removable LCD display incorporating several functions.

REMOVABLE LCD DISPLAY

Functions:

- Autonomy information, battery capacity in %, time, speed, total or journey distance.
- Selection of assistance mode (eco, standard, sport and boost) or no assist/throttle only.
- Switch lights on/off.
- Motor selection (Only EVO AWD models).
- Choose kilometers or miles.


Levels of assistance:

- Eco 1:07
- Standard 1:1.5
- Sport 1:2.5
- Boost 1:3.75

EVO


EVO Rear Drive System

 Removable Display

 Samsung Lithium ION Lockable Battery
528Wh (48V / 11Ah) Pro Model
432Wh (48V / 9Ah)
336Wh (48V / 7Ah) Ecolite


 EVO RDS Planetary Geared 500W

 Up to 60 Miles, 75 Miles Pro Model

 20 mph (32 kp/h) Assisted



**EVO JUMPER
27.5\"/>**





-  120 mm Full Suspension Alloy 27.5\"/>



-  Shimano Deore 40/28T
-  Tektro E-Comp 180mm/160mm
-  Schwalbe Rapid Rob 27.5\"/>

 MD
lbs. 52



EVO 27.5\"/>

-  MTB Alloy 27.5\"/>
-  Rock Shox XC30
-  Shimano XT 10sp
-  Shimano Deore 40/28T

-  Tektro E-Comp 180mm/160mm
-  Schwalbe Rapid Rob 27.5\"/>

 MD
lbs. 50



**EVO CROSS
UV506**





-  Sport Alloy 28\"/>
-  SR Suntour NEX HLO
-  Shimano Acera 8sp
-  Shimano Acera 48/38/28T



-  Tektro E-Comp 180mm/160mm
-  Schwalbe Big Apple 28\"/>


 MD / LA
lbs. 51



**EVO JET
UV516**

-  Sport Hybrid Alloy 28\"/>
-  SR Suntour NEX HLO
-  Shimano Acera 8sp
-  Shimano Acera 48/38/28T

-  Tektro E-Comp 180mm/160mm
-  Schwalbe Big Apple 28\"/>

 MD / LA
lbs. 51



EVO CITY
UV406

-  City Alloy 28" internal cable routing
-  SR Suntour NEX HLO
-  Shimano Alivio 8sp
-  Shimano Altus 48/36/26T

-  Tektro E-Comp 180mm/160mm
 -  Schwalbe Marathon 700x38C
 -  Shimano Dynamo
-  LA
lbs. 58







EVO CITY WAVE
UV416

-  City Wave Alloy 28" internal cable routing
-  SR Suntour NEX HLO
-  Shimano Alivio 8sp
-  Shimano Altus 48/36/26T

-  Tektro E-Comp 180mm/160mm
 -  Kenda 198 700x38C
 -  Shimano Dynamo
-  MD / LA
lbs. 58







EVO STREET
UV336



-  Street Wave Alloy 26" internal cable routing
-  SR Suntour NEX MLO
-  Shimano Alivio 8sp
-  Shimano Altus 48/36/26T

-  Tektro E-Comp 180mm/160mm
 -  Kenda K193 26"x1.75
 -  Shimano Dynamo
-  MD
lbs. 58



EVO ECO LITE
UV316

-  Street Wave Alloy 26" internal cable routing
-  Emotion Hi-Ten
-  Shimano TX35 7sp
-  Suntour XR-178 48/36/26T

-  V-Brake Alloy
 -  Kenda K193 26"x1.75
 -  Shimano Dynamo
-  MD
lbs. 58

EVO AWD


ALL WHEEL DRIVE (AWD) 20 MPH


EVO Rear Drive System

 Removable Display

 Samsung Lithium ION Lockable Battery
480Wh (48V / 10Ah)





 EVO RDS Planetary Geared 350W Rear, 250W Front






 Up to 40 Miles

 20 mph (32 kp/h) Assisted







EVO SNOW PRO 29" UV846 AWD






-  MTB Alloy 29" internal cable routing
-  SR Suntour XCR-LO
-  Shimano XT 10sp
-  Shimano Deore 40/28T

-  Tektro E-Comp 180mm/160mm
-  Schwalbe Rapid Rob 29"x2.25
-  Shimano
-  MD
-  lbs. 58



EVO FAT TIRE PRO UV806 AWD

-  Fat Bike Alloy 26" internal cable routing
-  Emotion Steel
-  Shimano Acera 8sp
-  Emotion PW301 Double

-  Tektro E-Comp 180mm/160mm
-  Emotion 26"x4.0
-  Shimano
-  MD
-  lbs. 63

DOUBLE MOTOR

The EVO Snow and EVO Fat Tire have an AWD system with a rear motor of 350W and a forward motor of 250W, both highly efficient and limited to 20 mph.

The compact gear motors allow optimal integration without visual impact and coupling without sacrificing performance. The Evo Snow bicycle has a standard Q factor and conventional gear-set (double or triple plate).

The EVO AWD with its rear 350W motor and its forward 250W motor guarantees maximum enjoyment. Its four riding modes allow maximum reactivity and assistance whatever the terrain is like.

AWD

Dual motors with sliding control. The system detects sliding between the motors (>5% difference in the rotation) adapting the power of each motor giving total traction control to the bicycle.

ECO

Optimized motors (start with the rear motor and rolling with the forward one) obtaining less consumption.

100% Rear

100% Forward





Evo Snow levels of Assistance
Eco (1:0.7), Standard (1:1.5),
Sport (1:2.5), Boost (1:3.75).

EVO NITRO


**MAXIMUM SPEED
28 MPH**

EVO Rear Drive System

 Removable Display

 Samsung Lithium ION Lockable Battery
480Wh (48V / 10Ah)





 EVO RDS Planetary Geared 500 W




 Up to 50 Miles

 28 mph (45 kp/h) Assisted



**NITRO CITY
UV406**

 Sport Alloy 28" internal
cable routing
 SR Suntour NCX-D LO Lite
 Shimano XT 10sp
 Shimano Deore
48/36/26T

 Tektro Dorado 180mm/160mm
 Schwalbe Marathon 700x38C
 Shimano

 MD
lbs. 56



REAR MOTOR

HIGH EFFICIENCY 500W

The Nitro series has a high efficiency (from 75% to 84%) rear 500W motor, elevated torque, peak performance of 728W, and maximum speed of 28 mph.

DISPLAY

REMOVABLE LCD

The Evo Easy Motion series includes a compact and removable LCD display incorporating several functions.

INCLUDES


- Integrated lights
- Auto retract kickstand
- Mirror
- Plate holder

EASY GO


**LIGHTWEIGHT, STYLISH
AND ECONOMIC**


EVO Rear Drive System

 Removable Display

 Samsung Lithium ION Lockable Battery
216Wh (36V / 6Ah)

 EVO RDS Planetary Geared 250W

 Up to 28 Miles

 20 mph (32 kp/h) Assisted





EASYGO RACE UG566

 Sport Alloy 28" internal cable routing

 Emotion Steel

 —

 Emotion 46T

 Dual Pivot Caliper

 Alloy 700x28C


 Alloy


 MD

lbs. 34




EASYGO STREET UG316


 Street Wave Alloy 26" internal cable routing

 Emotion Suspension

 Shimano TX35D 7sp

 Emotion 46/36/26T

 V-Brake Alloy

 Emotion City 26"x1,75

 Alloy

 MD

lbs. 43



REAR MOTOR

HIGH PERFORMANCE 250w

Easy Go bicycles offer a 250w rear motor with efficiency (from 75% to 82%), elevated consistent torque with a peak power of 432W.



BATTERY

HIGH ELECTRICITY DENSITY

Its compact and lightweight 200Wh battery is formed by Samsung cells in an easy-to-remove case.



DISPLAY

REMOVABLE LCD

All the Easy Motion series includes a compact and removable LCD display incorporating several functions.

XENION

BOSCH PERFORMANCE SYSTEM



XENION JUMPER 27.5"

- 120 mm Full Suspension Alloy 27.5"
- Rock Shox 30 Gold Remote
- Shimano Deore 10sp
- 18T
- Shimano M396 180mm/160mm
- Michelin Wildgrip 27,5"x2,35
- Alloy
- MD
- lbs. 55



XENION CROSS

- Sport Alloy 28" internal cable routing
- SR Suntour NEX HLO
- Shimano Alivio 8sp
- 18T
- Shimano M355 180mm/160mm
- Rubena Antipuncture 700x35C
- Alloy
- MD
- lbs. 44



XENION CITY WAVE

- City Wave Alloy 28" internal cable routing
- SR Suntour CR8V MLO
- Shimano Alivio 8sp
- 18T
- V-Brake Alloy
- Rubena 700x35C
- Shimano
- MD
- lbs. 53



BOSCH ENGINE

PERFORMANCE

Its 350W central engine and Performance offers a high efficiency, a 60 Nm (Performance) maximum torque, a maximum assistance of 1:3 and a speed of up to 20 mph.



3 SENSORS

TORQUE, RHYTHM AND SPEED

The three sensors provide maximum driving accuracy and a 100% reactive and powerful assistance, with no jerking.



36V (11A)

BATTERY

LITHIUM ION 400Wh

The powerful batteries integrated in the Bosch Performance model have up to 60 mile range.



LCD DISPLAY

INTUVIA

The detachable Intuvia display placed on the handlebars works as an onboard computer that assists the cyclist while driving. It has multiple functions: autonomy, assistance modes, distance, speed, lights... and a USB charging port.



EASY motion
Electric Bikes by **BH**

CUSTOMER SERVICE

At Easy Motion USA, we pride ourselves on our quality products and superior customer service and technical support.

Our in-house Warranty & Repair Department can quickly diagnose and solve your claims. We can process and ship most orders to you within 24-hours of receipt.

For more information, contact a friendly Easy Motion Customer Service Representative.

866.752.4872

M-F, 8am-5pm PST

EASY MOTION WARRANTY

Each new Easy Motion comes with a warranty when you register your bike. This provides each original retail purchaser of an Easy Motion bicycle with a warranty against defects in materials and workmanship.

This warranty applies to 2012 and newer model bicycles and covers only Easy Motion branded products. Any other original part or component shall be covered by the stated warranty of the original manufacturer. For a detailed outline of our warranty visit www.eMotionBikesUSA.com.

5 years with online registration. Battery Warranty is for 2 years, or 400 charge cycles, whichever comes first.

Register online at www.eMotionBikesUSA.com.



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DELTA
AWARDS
2013
Selection

