



EN

ENGINEERED  
TO MAKE YOU

smile

## HIGHLIGHTS 2022

MTB | ROAD | TOUR | CITY | CARGO | FAT  
E-BIKE SYSTEMS

POWER YOUR LIFE

BAFANG



**CST**

postnl

**BAFANG**

MOUNTAINBIKE RACING TEAM

M510 is an overturning upgrade of the eMTB performance motor. Comparing with the last generation, the max torque of M510 remains 95N.m, but the weight is reduced by 18% while the max power output is increased by 20%. Max cadence support is extended up to 120RPM. Thanks to our smart control system, smooth start-up, powerful acceleration and continuous max power output of more than 15 minutes are ensured for hard-core climbing.

# BAFANG

X

# AMERICAN EAGLE

"The feedback we get from the professional riders is very useful, we transform this into improvements not only for the team products, but also for all our products in the mass market..."

SPOKESMAN OF BAFANG

"The process of developing a winning e-Mountainbike together with Bafang and American Eagle has gone so fast over the past 2 years! It feels like we have just started. Until now it has been an interesting and challenging project..."

**BART BRENTJENS** MOUNTAINBIKER, CO-OWNER AMERICAN EAGLE MTB,  
MANAGER CST POSTNL BAFANG MOUNTAINBIKE RACING TEAM

## M510 | PERFORMANCE



### M510

250W, 25km/h  
light weight < 3kg  
BAFANG standard shaft  
95N.m (Max)



### DP C241

Easy to operate  
2" LCD screen  
Bluetooth integrated  
USB charge port



### BT F012

Full integrated  
Smart BMS  
615Wh



# DRIVE SYSTEMS FOR eMTB

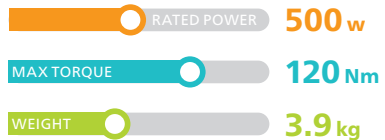


## M600 | SPEED

Would you like a little more? The M600 motor – 500 watts rated power, 120N.m max. torque, just 3.9kg – always delivers top performance and is the first choice for modern eMTBs. With its triple sensor system (1 torque, 2 speed sensors) it reacts with lightning speed to your pedal-power input and delivers impressive support at all times.



eMTB



# eMTB

Powerful yet quiet, the motor delivers satisfying flow whether you're climbing or descending. Its maximum assistance of up to 120Nm takes the sting out of any ascent and puts a smile on any rider's face.

## M410 | SPORTFUL

eMTBs can rely on the powerful and efficient M410 mid motor. With 250W dependable power and 80Nm torque, it offers strong support where needed. Compatible with full integrated and semi integrated battery.



eMTB



eCARGO

**RATED POWER** 250 w

**MAX TORQUE** 80 Nm

**WEIGHT** 3.4 kg

# DRIVE SYSTEMS FOR eROAD/GRAVEL






## M800 | PROFESSION

The speed machine! Designed for minimal aerodynamic drag and maximum efficiency, this compact drivetrain will boost you to enjoy ever longer rides. Despite the minimalistic design of the lightweight drive unit (< 2.3kg), it supports riders of eRoad or eGravel bikes with a high torque output of 55Nm max and doesn't add to the rolling resistance when they go beyond the legal support limit of 25kph.



eROAD/  
eGRAVEL

	RATED POWER	<b>200 w</b>
	MAX TORQUE	<b>55 Nm</b>
	WEIGHT	<b>2.3 kg</b>

# eRoad/Gravel

Compact, lightweight and barely noticeable – for many riders this describes their perfect solution. With its M800 drive system Bafang has developed a milestone product in the eRoad sector.



## H600 | SPORTIVE URBAN

Small in size, superlight, high in efficiency and smooth & quiet running, this drive system is ideal for light and stylish eRoad & eCity bikes. The rear-drive motor is compatible with disc brake and has a rated power output of 250W as well as 30Nm max. torque.



eROAD/  
eGRAVEL



eCITY

 RATED POWER **250 w**

 MAX TORQUE **30 Nm**

 WEIGHT **2 kg**

# DRIVE SYSTEMS FOR eTOUR



## M420 | TREKKING

With its reduced design, the M420 drive system perfectly fits modern & stylish city and trekking eBikes. The latest iteration of the M400 range with a rated power of 250W smoothly supports until the legal speed limit of 25kph. Powerful 80Nm of torque and sensitive controls result in a user-friendly support characteristic, especially when starting and riding uphill.



eTOUR



eCITY

**RATED POWER** 250 w

**MAX TORQUE** 80 Nm

**WEIGHT** 3.6 kg



# eTour

The journey is the goal. Extended tours, even over several days, are no longer any problem. With an eTouring bike you'll enjoy the powerful support of a Bafang motor and extend your range significantly thanks to the long-lasting battery.

## H400B | LEISURE

This rear-drive motor, which has a rated power of 350W and a maximum torque of 45Nm, provides ideal power for eTour bikes. Strong and efficient, this motor greatly enhances your riding comfort. Compatible with 7- to 10-spd cassettes and disc brakes.



eTOUR



eCITY

**RATED POWER** 350 w

**MAX TORQUE** 45 Nm

**WEIGHT** 3.3 kg

# DRIVE SYSTEMS FOR eCITY



## M200 | COMFORT

Smooth and silent: The compact M200 mid-motor shines with an overwhelming cost-performance ratio. Weighing just 3.2kg at 250W rated power output and 65Nm of max. torque, it is perfectly suited to eCity bikes.



eCITY



eTOUR

**RATED POWER** 250 w

**MAX TORQUE** 65 Nm

**WEIGHT** 3.2 kg

# eCity

The Future of Urban Mobility: It's already happening today, away from noisy cars and congested roads. The future belongs to the eBike. Quiet, light, efficient and as individual as your lifestyle.

## H700 | CLEAN

The H700 rear motor is integrated with the automatic dual speed system. The motor automatically adjusts the gearbox ratio by detecting the speed of the vehicle during cycling. While the H700's 250W rated power that meets legal requirements, with 32Nm of torque, it can easily ensure a strong performance for riders in daily commuting and leisure use.



eCITY

 RATED POWER	<b>250 w</b>
 MAX TORQUE	<b>32 Nm</b>
 WEIGHT	<b>3.2 kg</b>

# DRIVE SYSTEMS FOR eCARGO



## M620 | COMMERCIAL

Bafang's powerhouse! With a maximum torque of 160Nm and 750 or even 1000W rated power output, the M620 is predestined for eTandems, eCargo and eFat bikes as it will definitely get the heaviest loads accelerated on even the steepest incline. Due to the system's triple sensor design, the rider has full control at all times and enjoys extremely sensitive responsiveness. In use with logistics companies across the globe.



eCARGO



eFAT

RATED POWER



1000 w

MAX TORQUE



160 Nm

WEIGHT



5.3 kg

# eCargo

Combining impressive performance with quiet operation, the motor provides powerful assistance up to 160Nm, making for the most manageable eCargo bike journeys.

## H610 | PRIVATE

eMTB and eSpeed bikes can rely on the powerful and efficient H610 rear drive motor. With 350 or 500W dependable power and 65Nm torque, it offers utmost performance where needed. Compatible with freewheels and disc brakes.



eCARGO



eMTB

RATED POWER

500 w

MAX TORQUE

65 Nm

WEIGHT

4.5 kg

# DRIVE SYSTEMS FOR eFAT



## H550 | STABLE

eFat or eCargo bike. Both can rely on the powerful and efficient H550 rear drive motor. With 750 or 1000W dependable power and 80Nm torque it offers utmost performance where needed. Compatible with disc brakes and OLD 175mm frames.



eFAT



eCARGO

RATED POWER



1000 w

MAX TORQUE



80 Nm

WEIGHT



4.9 kg



# eFAT

Rough terrain with dirt, sand or snow: maximum traction is essential here. The combination of fat tyres and a powerful Bafang engine meets the requirements perfectly. For unforgettable adventures that you would never have experienced with muscle power alone.

## H550W | EFFICIENT

eFat or heavy-duty eCargo bike. Both can rely on the powerful and efficient H550W rear drive motor. In-wheel design addresses concerns of spoke intensity, making heavy-duty bikes lighter. Compatible with disc brakes.

Two circular icons: the left one shows a mountain, a snowflake, and a bicycle wheel, labeled 'eFAT'; the right one shows a person, a bicycle, and a battery, labeled 'eCARGO'.

RATED POWER	1000 w
MAX TORQUE	80 Nm
WEIGHT	8 kg



## INTUBE BATTERY

Hide your power. Intube batteries make a smooth and non-marking outer frame tube, and at the same time enables a more stable structure and lock-less solution, lets cyclists enjoy a more relaxed and pleasurable trip during the workday commuting or on outings with friends on weekends.

### BT F014

This slim Intube battery keeps the aerodynamics of fast eCommuter and eGravel bikes unimpaired, adding 410 Wh of precious electric energy to the rider's ambitions of climbing alpine passes or keeping the momentum high on longer sportive rides.

CAPACITY  410 Wh

WEIGHT  2.6 kg

CHARGING TIME  4.5 h<sup>3A</sup>







## FULL-INTEGRATED BATTERY

Hide your power. Full integrated batteries keep the aerodynamics of the frame unimpaired, ensuring effective weight distribution, and helping designers maintain a strong aesthetic. Bafang full-integrated batteries are perfect for any type of bike. With high and low power versions, you'll find the perfect power source for your ride.

### BT F011/F012

This compact and light full integrated battery even fits in smaller frame tubes, delivering 410/615 Wh to stylish eBike options, from eCity, eRoad, eGravel, eTour with low step-thru to eMTB.



CAPACITY   410/615 wh


WEIGHT   2.6/3.5 kg

CHARGING TIME   4.5/6 h<sup>9A</sup>

## BT F05

This super-slim Intube battery keeps the aerodynamics of fast eRoad and eGravel bikes unimpaired, adding 200 Wh of precious electric energy to the rider's ambitions of climbing alpine passes or keeping the momentum high on sportive rides.

CAPACITY  200 Wh

WEIGHT  1.6 kg

CHARGING TIME  2.5 h<sup>3A</sup>



## BT F03/F04

This mid-size Intube battery delivers up to long lasting 600 Wh at just 3.5kg of weight to stylish eBike options, from touring eBikes with low step-thru to eMTBs and their respective ambitious riders.

CAPACITY  450/600 Wh

WEIGHT  2.8/3.5 kg

CHARGING TIME  4.5/5.5 h<sup>3A</sup>



## BT F25

This mid-size Intube battery delivers up to long lasting 820 Wh at just 4.8kg of weight to stylish eBike options, from eTour, eSpeed, eFat to eMTBs.

CAPACITY  640/820 Wh

WEIGHT  4.8/4.8 kg

CHARGING TIME  5.5/7 h<sup>3A</sup>







## SEMI-INTEGRATED BATTERY

Form follows function. Both elegant and practical, semi-integrated batteries make lighter frames possible, while also allowing easy handling, charging and storage. Combining high power and light weight, downtube batteries offer a convenient and dependable package for any kind of eBike and rider experience.

### BT F07/F08

Form follows function! In this case, the semi-integrated battery makes lighter frames possible - and also easier handling. Add just 3.5kg of weight to 600 Wh of energy and you'll get a convenient package for any kind of eBike and long range riding experience.

CAPACITY  450/600 wh

WEIGHT  2.8/3.5 kg

CHARGING TIME  4.5/5.5 h <sup>3A</sup>





## REAR CARRIER BATTERY

Rack up the power. For traditionally styled eBikes with a power source that's easy to access and remove, Bafang brings you "C"arrier mounted battery options in three levels: 450, 560 and an enormous 750 Watt-hours, intended for daily or even extensive city cycling. Long lasting and reliable e-assist is right behind you all the way.

### BT C01

Power to the rack! For traditionally styled eBikes, Bafang offers these „C“arrier mounted battery options in three energy levels: 450, 560 and enormous 750 Watt-hours, intended for daily or even extensive city cycling.

CAPACITY  450/560/750 wh

WEIGHT  3.5/4/4 kg

CHARGING TIME  4.5 /5/6.5 h<sup>3A</sup>





## COMPANY

Bafang, one of the leading manufacturers of e-mobility components and complete e-drive systems, has been developing solutions for electric vehicles since 2003. The company focuses on all global e-mobility trends of the future: whether for individual e-bikes, e-scooters or for public bike-sharing schemes.

Bafang employs around 1000 staff worldwide in ten locations. The head office, development and manufacturing center is based in Suzhou, near Shanghai. Bafang has Sales and Service Centers in the Netherlands, in the USA, in Germany, in Japan and in Taiwan, China. The recently-opened factory in Poland focuses on production of mid-motor systems for the European market.



## OUR PHILOSOPHY



BAFANG has now become a globally successful supplier of complete systems. Apart from high-quality motors, we offer a complete product range of components for e-bikes and electric scooters. Our portfolio also includes user-friendly HMIs (human machine interface), reliable storage batteries and sensors for a natural driving feel, either as individual components or as a complete system. Connectors and motor control units (controllers) complement our product range.

# BAFANG GO APP

## PERFECT CONNECTIVITY



Start Screen

Main Data

Main Menu

Vitality Data

The upgraded smartphone app offers users of Bluetooth-enabled Bafang-powered e-bikes an all-round interface to access ride and fitness data, as well as bike configuration and hardware update via Bluetooth. BAFANG GO for iOS™ and Android™ – right there on your phone.

Android



iOS



# FOLLOW US ON SOCIAL MEDIA



Are you already following us on the new social media channels? You can find us under @bafangelectric on facebook, instagram, twitter, youtube and linkedin. Please follow us today and don't miss any news and exciting stories about our products.

@BafangElectric



# eBIKE BRANDS



No matter whether eMTB, eRoad, eTour, eCity, eCargo or eFat: Bafang drive systems and components are part of the eBike original equipment of many well-known manufacturers. Technical advantage, convincing performance and the flexible combination possibilities make all the difference.

AMSLOD | ARMONY | AUTHOR | AVENTON | BIKTRIX  
BOTTECCHIA | BRINCKERS | BZEN BIKES | CARLA CARGO  
CHARGE | CTM | DE ROSA | DEMA | DOLLY BIKES | EUNORAU  
EVELO ELECTRIC BICYCLES | FLX BIKE | FORESTAL | FORME  
FREEBIKE | GREY TECHNOLOGY | iGO | JUICED BIKES  
KEOLA | LEADER FOX | LUNA CYCLE | MONTANA  
PEDEGO ELECTRIC BIKES | PROPHETE | QWIC | REVIBIKES  
RUNGU | SEVEN PEAKS | SONDORS | SOUL BEACH CRUISERS  
STELLA | VAN DIJCK | VANMOOF ASIA | ZASADA BIKES



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**BAFANG**



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