

A man and a woman are riding e-bikes in a city. The woman is in the foreground, wearing a yellow helmet and a pink long-sleeved shirt, smiling. The man is behind her, wearing a black helmet and a blue button-down shirt, also smiling. They are both wearing backpacks. The background shows a city street with buildings and other people.

EN

HIGH
LIGHTS
2020

ENGINEERED
TO MAKE YOU

smile

E-BIKE SYSTEMS

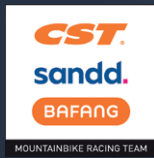
MTB | ROAD | TOUR | CITY | CARGO

POWER YOUR LIFE

BAFANG

BAFANG × AM

AMERICAN EAGLE



AMERICAN EAGLE

"At Bafang, we look forward to working closely together to develop race-ready e-mountainbikes AND supporting one of the world's most successful elite MTB teams as a sponsor..."

JACK BRANDSEN GENERAL MANAGER EUROPE OF BAFANG ELECTRIC MOTOR SCIENCE TECHNOLOGY B.V.

"I've always been one who wants to develop and launch something new. This is a great step that can give fresh energy to the team and our sport. In view of the upcoming UCI World Championship and the current popularity of the e-bike, I have an absolutely good feeling. It is an exciting challenge."

BART BRENTJENS MOUNTAINBIKER, CO-OWNER AMERICAN EAGLE MTB, MANAGER CST SANDD AMERICAN EAGLE MTB TEAM



M500

M600

M600 **UPHILL POWER AND SPEED**

With a maximum torque output of 120Nm, the new M600 mid drive system provides instant acceleration and ultimate uphill power for any off-road challenge. For hardtail or full suspension MTB designs. Motor weight < 3.7kg.



M500

M500 **BOOST YOUR RIDE**

With a maximum torque output of 95Nm the new M500 mid drive system is designed for sporty, powerful riding in any terrain. For hardtail or full suspension MTB designs. Lightweight and compact at less than 3.3kg.



eMTB

M600/M500

THE MOST POWERFUL MID MOTORS FOR E-MTBs. Complete line-up for 25 – 45km/h (EU) and 20 – 28mph (US). Integrated downtube batteries with 450 or 600Wh, easy to read display, ergonomic handlebar remote and perfect connectivity. Following the trend for ultra-short chain stay lengths of less than 450mm and perfect to combine with a single or double chainring for a wide gear spread. All M-series mid drives offer low noise and no-vibration robust construction. Options: **Color customizable motor covers and composite material bash guards.**



MOTORS

| | M600 | M500 |
|-------------------|------------------|------------------|
| SENSOR(S) | TORQUE AND SPEED | TORQUE AND SPEED |
| RATED POWER (W) | 500 | 250 |
| MAX. TORQUE (Nm) | 120 | 95 |
| MAX. SPEED (km/h) | 32 – 45 | 25 |

DISPLAY DP C23X.CAN / DP C24X.CAN Ergonomic and integrated handlebar LCD display and behind-bar mounted display with remote control (compatible with winter gloves). Including easy to read user interface design with 5 assist modes, walk assist function, vibrating feedback buttons, USB port and a BLE chip for peripheral devices such as smartwatches, smart-phones or heart rate monitors



DP C23X.CAN



DP C24X.CAN

eROAD/ GRAVEL/CX M800



ULTRA COMPACT MID MOTOR SYSTEM

One of the smallest and lightest mid motor systems for e-road bikes, e-gravel and e-cross bikes. Designed for dynamic ride performance, with fully integrated downtube battery, ergonomic handlebar remotes and center-mount display.



M800 — RIDE AND ENJOY. Designed for minimal aerodynamic drag, this compact drivetrain will boost you to enjoy ever longer rides. Compact design with light weight drive unit < 2.3kg, but high torque output of 55Nm max.

| SENSOR(S) | TORQUE AND SPEED |
|-------------------|------------------|
| RATED POWER (W) | 200 |
| MAX. TORQUE (Nm) | 55 |
| MAX. SPEED (km/h) | 25 – 45 |



DISPLAY DP C260.CAN Aerodynamic low profile design

- Angle-adjustable screen • Aluminum holder • Easy to mount
- Ergonomic satellite shifter pods • CAN protocol

DE ROSA



S-PEDELEC H800

POWERFUL GEAR-DRIVE REAR HUB MOTOR with 350 or 500W output and a max torque of 50Nm. Features a modern MTB thru-axle design with Boost standard. With a diameter of just 180mm, it's virtually invisible from the disc brake side. Compatible for 7 to 10 speeds and 26", 700C and 28" wheels. Special GrooveDO™ drop-out for ultra-robust torque support, seamlessly integrated with the thru-axle system. Waterproof SmartPlug™ quick release cable connector.

| | |
|-------------------|------------------|
| WHEEL DIAMETER | 26" / 700C / 28" |
| RATED POWER (W) | 350/500 |
| MAX. TORQUE (Nm) | 50 |
| MAX. SPEED (km/h) | 32 – 45 |



BAFANG H800 × SPEED PEDELEC

H800 x SPEED PEDELEC

Fast commuter, pizza express, speed delivery messenger bike - This drivetrain will get you up to speed where needed.





eCARGO

M620/M400

M620 DRIVE SYSTEM The Hemi of all e-bike drive train systems by Bafang! 160Nm of pure torque and 750 or 1000W power will get the heaviest loads accelerated on even the steepest incline. In use with logistics companies across the globe.

| | |
|-------------------|------------------|
| SENSOR(S) | Torque and Speed |
| RATED POWER (W) | 750/1000 |
| MAX. TORQUE (Nm) | 160 |
| MAX. SPEED (km/h) | >50 |



M400 DRIVE SYSTEM Light, powerful and extremely durable are the key qualities of the classic M400 drive system. Perfectly adapted to the needs of family cargo bikes or modern eTouring bikes, it consistently provides riders with harmonious and dependable support with powerful 80Nm torque. Long distance touring become a no sweat activity. 250W, 3.9kg. - The first modern Bafang mid motor system - still going strong.

| | |
|-------------------|------------------|
| SENSOR(S) | Torque and Speed |
| RATED POWER (W) | 250 |
| MAX. TORQUE (Nm) | 80 |
| MAX. SPEED (km/h) | 25 |





eTOUR/eCITY M420/M300

M420 UPGRADED DESIGN. COMFORTABLE AND DYNAMIC For touring, daily use and leisure rides. The new iteration of the M400 comes with a multi-splined BB, rated power of 250W and powerful 80Nm performance. Compatible with InTube or rack type batteries plus a number of new displays (with Bluetooth and USB-out functionality). Clean, compact, dynamic design for modern city and trekking bicycles.

| | |
|-------------------|------------------|
| SENSOR(S) | Torque and Speed |
| RATED POWER (W) | 250 |
| MAX. TORQUE (Nm) | 80 |
| MAX. SPEED (km/h) | 25 |



M300 SMOOTH. SILENT AND ECONOMIC For light touring and leisure rides. Comes with a rated power of 250W and powerful 80Nm performance. Compatible with InTube or rack type batteries plus a number of new displays (with Bluetooth and USB-out functionality).

| | |
|-------------------|-------|
| SENSOR(S) | Speed |
| RATED POWER (W) | 250 |
| MAX. TORQUE (Nm) | 80 |
| MAX. SPEED (km/h) | 25 |



eCITY H600

H600 FRONT/REAR DRIVE SYSTEM

Ideal for lightweight and stylish lifestyle bikes.

| | |
|-----------------------------|-------------------|
| ULTRA COMPACT DIAMETER (mm) | 103 (F) / 105 (R) |
| ULTRA LIGHT WEIGHT (kg) | 1.7 (F) / 2.0 (R) |
| MAX TORQUE (Nm) | 42 |

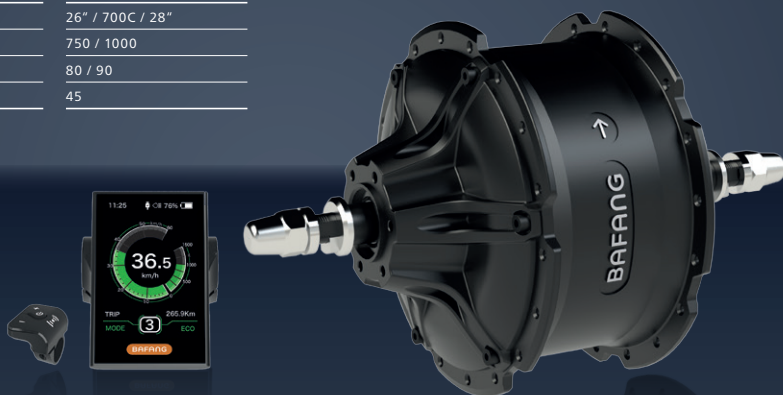


eFAT/eCARGO H550

H550 REAR DRIVE SYSTEM

E-Fatbike or heavy-duty cargo bike. Both can rely on the powerful and efficient H550 geared rear drive motor. 750 or 1000W dependable power with 80-90Nm torque offer utmost performance where needed.

| | |
|-------------------|------------------|
| WHEEL DIAMETER | 26" / 700C / 28" |
| RATED POWER (W) | 750 / 1000 |
| MAX. TORQUE (Nm) | 80 / 90 |
| MAX. SPEED (km/h) | 45 |





INTUBE BATTERY BT F05/F09

High energy density, great mileage, long service life. Aerodynamic low profile design • Lightweight • Easy handling • Easy to mount • CAN protocol

| | BT F05 | BT F09 |
|-------------------|---------|--------|
| MOUNTING TYPE | Intube | Intube |
| CAPACITY (Wh) | 200 | 430 |
| CHARGING TIME (h) | 3.5<2A> | 6<2A> |
| WEIGHT (kg) | 1.5 | 2.3 |



INTUBE BATTERY BT F03/F04

High energy density, exceptional range, long service life, low weight and easy handling. Standard core pack for different housings • Standard BMS charge port and lock • Standard charger • CAN/UART protocol • Customizable housing and covers

| | BT F03 | BT F04 |
|-------------------|--------|---------|
| MOUNTING TYPE | Intube | Intube |
| CAPACITY (Wh) | 450 | 600 |
| CHARGING TIME (h) | 4<3A> | 5.5<3A> |
| WEIGHT (kg) | 3.0 | 3.5 |



DOWNTUBE BATTERY

BT F07/F08

High energy density, good - exceptional range, long service life, low weight and easy handling. Semi-integration into downtube • Standard BMS charge port and lock • Standard charger • CAN/UART protocol • Black housing w/ optional decals

| | BT F07 | BT F08 |
|-------------------|-----------------|-----------------|
| MOUNTING TYPE | Semi-integrated | Semi-integrated |
| CAPACITY (Wh) | 450 | 600 |
| CHARGING TIME (h) | 4<3A> | 5.5<3A> |
| WEIGHT (kg) | 2.7 | 3.5 |



RACKTYPE BATTERY

BT C01

High energy density, good - exceptional range, long service life and easy handling. Convenient rack mount • Standard BMS charge port and lock • Standard charger • CAN/UART protocol • Black housing

| | RACK |
|-------------------|-----------------------------|
| MOUNTING TYPE | RACK |
| CAPACITY (Wh) | 450 / 600 / 750 |
| CHARGING TIME (h) | 6.5<2A> / 5.5<3A> / 6.5<3A> |
| WEIGHT (kg) | 3.5 / 3.5 / 4 |





BESST

BAFANG E-MOBILITY SALES & SERVICE TOOL.

One solution for all bikes equipped with BAFANG systems. The complete e-drive system including motor, display, sensor and control unit, as well as Bafang battery data, can be accessed. The tool helps in diagnosis and detecting errors. It also enables registration and is required for software updates to keep your Bafang e-drive system work smoothly and reliably over time.



ABOUT US

www.bafang-e.com

BAFANG, ONE OF THE LEADING MANUFACTURERS OF E-MOBILITY COMPONENTS

and complete e-drive systems, has been developing components and complete systems for electric vehicles since 2003.

The company focuses on all global e-mobility trends of the future: be it as an individual e-bike, e-scooter or for public bike sharing schemes. Bafang employs close to 500 staff worldwide in five 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 and in Germany. The newly opened factory in Poland will focus on production of mid motor systems for the European markets.



BAFANG ON TOUR

2020



| | |
|--------------------------|--------------------|
| Bike Motion | Utrecht/NL |
| Cycle Show | Taipei /TW |
| For Bikes | Praha/CZ |
| Bike EXPO | Warsaw/PL |
| Velo Berlin | Berlin/DE |
| China Cycle | Shanghai/CN |
| Bicycle City Expo | Tokyo/JP |
| ebike days | Munich/DE |
| Pro Days | Paris/FR |
| Eurobike | Friedrichshafen/DE |
| the cycle show | Birmingham/GB |
| Bike Week | Taichung/TW |
| EiCMA | Mailand/IT |
| Cycle Mode int. | Tokyo/JP |

FOLLOW US



@BafangElectric



Are you already following us on the new social media channels? You can find us under **@bafangelectric** on instagram, facebook, youtube, linkedin and twitter.

Please follow us today and don't miss any news and exciting stories about our products.

www.bafang-e.com

Headquarter

Bafang Electric (Suzhou) Co., Ltd.

No.9 Heshun Rd Suzhou Industrial Park 215122, Suzhou
China

Europe

Bafang Electric Motor Science-Technology B.V.

Bijsterhuizen 2415, 6604 LK Wijchen
The Netherlands

German Branch Office

Altenkamp 1, 33758 Schloss Holte-Stukenbrock,
Germany

Bafang Electric (Poland) sp. z o.o.

Ul.Logistyczna 8 55-040 Bielany Wroclawskie, Wroclaw
Poland

USA

Bafang Science Inc.

6585 Arville St. Ste B, Las Vegas NV 89118
USA

POWER YOUR LIFE

BAFANG