



ENGINEERED
TO MAKE YOU

smile

WORKBOOK 2027

MTB | ROAD | CITY | TOUR | CARGO | FAT

E-BIKE DRIVE SYSTEMS

POWER YOUR LIFE

BAFANG



BE CLEAN. BE FREE.

GVT, Bafang's Gear Variable Transmission technology, enables the motor and gear hub to automatically adjust gears based on real-time speed or simulated riding conditions. It ensures your pedaling always stays within the most comfortable range while maintaining maximum efficiency.



RG E510.D

Auto - shift

Automatic shift for optimal pedaling efficiency without manual input. Leaves the rush hour* behind to savor the freedom of every journey.

*Over a 20-kilometer commute, a 5-speed electronic gear hub will shift about 300 times automatically, whereas a conventional rear derailleur requires the rider to shift manually.

Maintenance-friendly design

The transmission is housed within the hub, ensuring consistent shifting performance regardless of weather, road muddiness, or wear levels. Even under harsh conditions, it significantly reduces the frequency and complexity of maintenance.

Clean bike solution

Shifting without shifters or cables — the ultimate solution for minimalist bike design. Moving away from the traditional combination of shifters, cables, and derailleurs to pioneer a new bicycle ecosystem.

eBike shifting companion

Engineered specifically for electric bicycles, it offers excellent compatibility in both installation and performance, making it the ideal shifting partner for eBikes. Meanwhile, the gear hub series is also fully compatible with bicycles.



Hub Motor



Gear Hub

>> Page 14

CONTENT








SMART SOLUTION

Bafang Go	↗ 4
DP C400.CB	↗ 5
BESST Pro	↗ 27

SYSTEM RECOMMENDATION

M210 Mid Drive System	↗ 6
M410 Mid Drive System	↗ 6
H410 Hub Drive System	↗ 7
H730 Hub Drive System	↗ 7
M510 Mid Drive System	↗ 8
M430 Mid Drive System	↗ 8
M560 Mid Drive System	↗ 9
H560 Hub Drive System	↗ 9

COMPONENTS

	MOTOR	↗ 10
	GEAR HUB	↗ 15
	HMI	↗ 16
	BATTERY	↗ 18
	SENSOR	↗ 20
	CONTROLLER	↗ 22
	ACCESSORIES	↗ 23



Bafang Go

SMART CONNECTIVITY



Personalize your settings

Discover, Navigate
Ride along your routes

Go with your smart bike

Record your activities

Care your ride
Always up-to-date

Connected for a safer and more enjoyable cycling journey with remote control, real-time tracking, personalized settings, navigation, and more, all through Bafang Go app – right on your hand.



Download on the
App Store



GET IT ON
Google Play



Download for
Android

DP C400.CB

**CLEAN.
INTEGRATED.
STYLE.**



Advanced Hardware

Fully laminated screen with nano-hydrophobic coating; one-piece liquid silicone buttons—made from the same material as baby pacifiers. Smooth to the touch, pure in appearance.

Seamless Integration

Screen seamlessly embedded into the stem; buttons with hidden cable routing. On the handlebar, only the design remains—no visible traces.

Smart Interaction

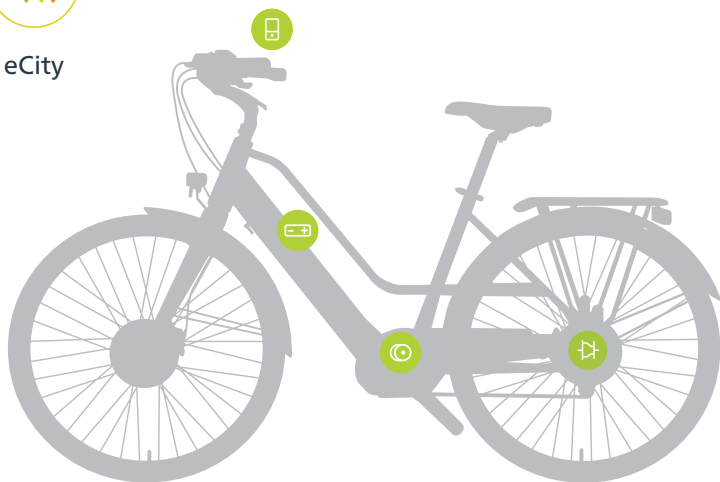
2.3-inch TFT HD display, 3 dynamic themes, 6 languages. Bluetooth 5.0 enabled—connect seamlessly to the Bafang Go App or other smart devices, and elevate the riding experience beyond the ride itself.

M210 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eCity



eCity



MOTOR



M210
250W
80Nm (Max)



HMI



DP C080
Ergonomic handle-end control
All-in-one solution
1.9" TFT display



BATTERY



BT F141
Fully integrated
36V 15.6Ah
561Wh



GEAR HUB



RG A310.D
3-speed
Automatic gear hub



M410 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eTour



eTour



MOTOR



M410
250W
95Nm (Max)



HMI



DP C010
4.0" TFT display
Full-fit screen
Multi UI options



BATTERY



BT F161
Fully integrated
36V 20.8Ah
748Wh



GEAR HUB



RG E510.D
5-speed
Electronic auto/manual gear hub



H410 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eCity



eCity



MOTOR



H410
250W 45Nm (Max)
Light weight < 2.3kg



HMI



DP C080
Ergonomic handle-end control
All-in-one solution
1.9" TFT display



BATTERY



BT F361
Fully integrated
36V 10Ah
360Wh



H730 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eCity



eCity



MOTOR



H730
250W 50Nm (Max)
Auto 3 speed integrated



HMI



DP C400
Seamlessly integrated into stem
Gentlest touch experience
2.3" TFT display



BATTERY



BT F023
Fully integrated
36V 14Ah
504Wh



M510 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eMTB



eMTB



MOTOR



M510

250W 110Nm (Max)
Light weight < 2.9kg



HMI



DP C030

Seamlessly integrated into top tube
Optimal readability
1.9" TFT display



BATTERY



BT F161

Fully integrated
36V 20.8Ah
748Wh

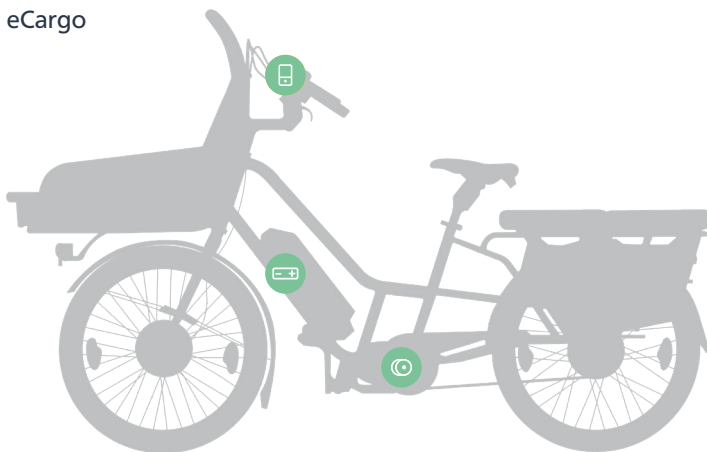


M430 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eCargo / eSpeed



eCargo



MOTOR



M430

250/750W
120/150Nm (Max)



HMI



DP C090

4.3" high-definition screen
Landscape display
One page read all



BATTERY



BT F501

On tube
48V 15.6Ah
748Wh

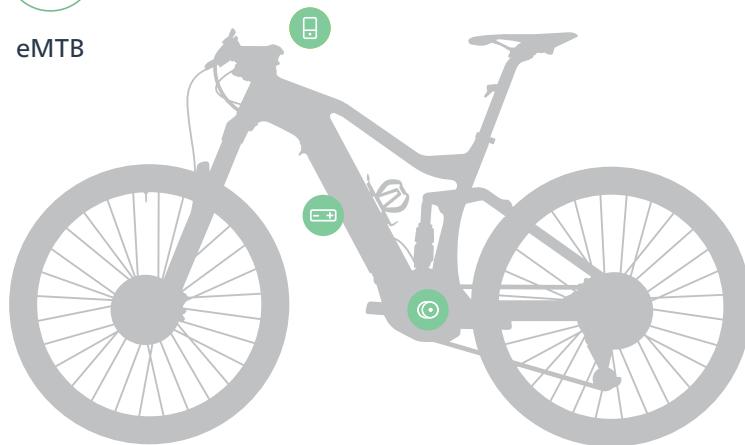


M560 MID DRIVE SYSTEM

DRIVE SYSTEM FOR HEAVY ASSIST eMTB



eMTB



MOTOR



M560
250/750W
140/150Nm (Max)



HMI



DP C245
Protect behind handle bar
Full - fit screen
1.9" TFT display



BATTERY



BT F011
Fully integrated
48V 15Ah
720Wh

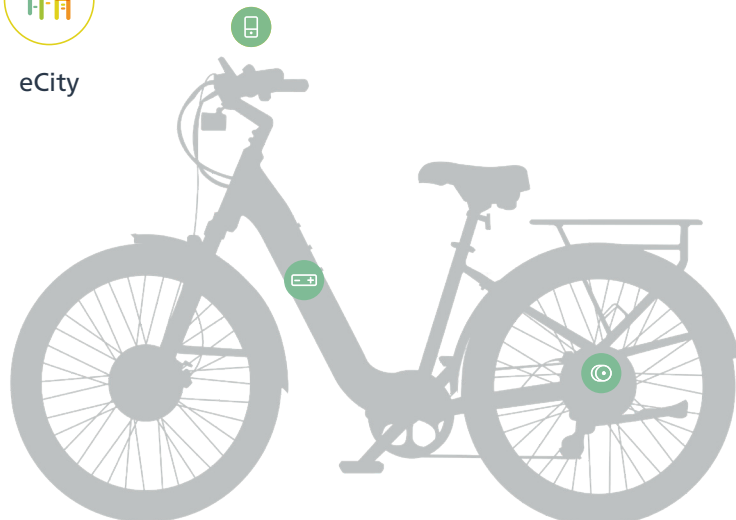


H560 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eCity



eCity



MOTOR



H560
750W
85Nm (Max)



HMI



DP C090
4.3" high-definition screen
Landscape display
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BATTERY



BT F440
Fully integrated
48V 15.6Ah
748Wh



MID MOTOR

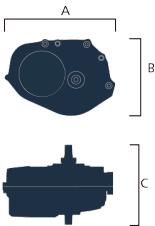
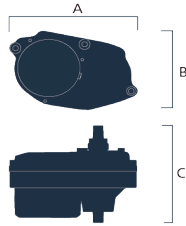
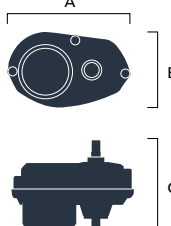
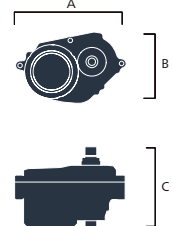


M210

M410

M430

M510

Position	Mid Motor	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G2300.250.C	MM G333.250.C	M430	MM G522.250.C
Application	eCity , eTour	eTour	eCargo , eSpeed	eMTB
Size				
A (mm)	206	197	220	197
B (mm)	145	125	133	125
C (mm)	150	153	158	154.8
Core Data				
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29	27.5 - 29
Nominal Voltage (Vdc)	36	36	36 , 48	36
Rated Power (W)	250	250	250 , 750	250
Max. Possible Power (W)***	650	800	1000 , 1200	850
Max. Possible Current (A)***	20	25	30 , 28	25
Max. Possible Torque (Nm)***	80	95	120 , 150	110
Max. Possible Support Ratio***	500%	500%	1000%	500%
Speed (km/h)	25	25	25 , 45	25
Pedal Sensor	Torque & Cadence	Torque & Cadence	Torque & Cadence	Torque & Cadence
Shaft Standard	JIS	JIS	JIS	BAFANG
Color	Black	Black	Black	Black
Weight (kg)	3.2	3.3	4	2.9
Function				
Auto-adaptive mode (Sport+)*	Yes	Yes	Yes	Yes
Auto-hold mode**	Optional	Optional	Optional	Optional
Coaster Brake	-	Optional	-	-
E-Brake	Optional	Optional	Optional	Optional
Throttle	N/A	N/A	Optional	N/A
Light Drive Capacity (Vdc/W)	12 / 12(max)	12 / 12(max)	12 / 12(max)	12 / 6(max)
Chain Guide	6 - bolt	6 - bolt	-	ISCG05
Tests & Certifications	IP X6 / CE	IP X6 / CE / UL2849	IP X6 / CE / UL2849	IP X6 / CE

Please note: The bike speed (km/h) is calculated based on the wheel circumference.

* Change support ratio automatically according to rider's output.

** Depend on the configuration and software version.

*** Peak locked parameter, reconfiguration possible, depending on the demand of applications and battery output performance. It should be noted that higher performance values can lead to increased wear and have a negative effect on the range and battery life.

MID MOTOR



M560

M620

M820

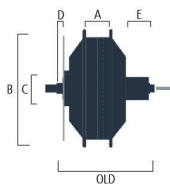
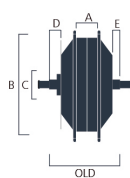
Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G5300.750.C	MM G510.1000.C	MM G532.250.C
Application	eMTB	eCargo , eFat	eRoad , eGravel , eMTB
Size			
A (mm)	197	235	167
B (mm)	125	138	117
C (mm)	154.8	150	147.6
Core Data			
Wheel Size (Inch)	27.5 - 29	26 (Fat)	27.5 - 29
Nominal Voltage (Vdc)	48	48 , 52	36
Rated Power (W)	250 / 750	1000	250
Max. Possible Power(W)***	950 / 1220	1360 / 1440	530
Max. Possible Current (A)***	21 / 30	32 / 30	17
Max. Possible Torque (Nm)***	140 / 150	170	80
Max. Possible Support Ratio***	500%	1000%	500%
Speed (km/h)	25 / 45	45	25
Pedal Sensor	Torque & Cadence	Torque & Cadence	Torque & Cadence
Shaft Standard	BAFANG	ISIS	ISIS
Color	Black	Black	Black
Weight (kg)	3.3	6.7	2.3
Function			
Auto-adaptive mode (Sport+)*	Yes	Yes	Yes
Auto-hold mode**	Optional	Optional	Optional
Coaster Brake	-	-	-
E-Brake	Optional	Optional	Optional
Throttle	Optional	Optional	N/A
Light Drive Capacity (Vdc/W)	12 / 6(max)	12 / 12(max)	12 / 12(max)
Chain Guide	ISCG05	-	-
Tests & Certifications	IP X6 / CE / UL2849	IP X5 / CE / UL2849	IP X6 / CE

* Change support ratio automatically according to rider's output.

** Depend on the configuration and software version.

*** Peak locked parameter, reconfiguration possible, depending on the demand of applications and battery output performance. It should be noted that higher performance values can lead to increased wear and have a negative effect on the range and battery life.

HUB MOTOR



H400

Position	Front Motor
Model No.	FM G312.250.D/V
Application	eCity
Size	
A (mm)	37
B (mm)	121
C (mm)	44
D (mm)	10.5
E (mm)	4.7
OLD (mm)	100
Core Data	
Wheel Size (Inch)	26 / 700C / 28
Nominal Voltage (Vdc)	36
Rated Power (W)	250
Max. Possible Torque (Nm)***	50
Speed (km/h)	25
Color	Silver / Black
Weight (kg)	2.4
Mounting Parameters	
Brake	Disc-Brake , V-Brake
Cabling Route	Shaft Side_Right
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket	-
Throttle	N/A
Tests & Certifications	IP X6 / CE

H305

Position	Rear Motor
Model No.	RM G0100.250.D/DC
Application	eCity , eTour
Size	
A (mm)	41
B (mm)	128
C (mm)	44
D (mm)	15.25
E (mm)	38.5 / 39.6
OLD (mm)	138
Core Data	
Wheel Size (Inch)	26 / 700C / 28
Nominal Voltage (Vdc)	36
Rated Power (W)	250
Max. Possible Torque (Nm)***	55
Speed (km/h)	25
Color	Black
Weight (kg)	3.1
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket	7 - 8
Throttle	N/A
Tests & Certifications	IP X6 / CE / UL2849

H405

Position	Rear Motor
Model No.	RM G0210.250.D/DC RM G0210.500.D/DC
Application	eCity , eTour
Size	
A (mm)	40
B (mm)	145
C (mm)	44
D (mm)	15.25
E (mm)	40
OLD (mm)	138 / 143
Core Data	
Wheel Size (Inch)	20 / 700C / 28
Nominal Voltage (Vdc)	36 , 48
Rated Power (W)	250 , 500
Max. Possible Torque (Nm)***	55 , 60
Speed (km/h)	25 , 25 / 32
Color	Black
Weight (kg)	3.7
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*12G
Sprocket	7 - 9
Throttle	N/A
Tests & Certifications	IP X6 / CE

H410

Position	Rear Motor
Model No.	RM G3310.250.D/DC
Application	eCity
Size	
A (mm)	39.6 / 35
B (mm)	121 / 123
C (mm)	44
D (mm)	15.25
E (mm)	25.6 / 39.5
OLD (mm)	131 / 148
Core Data	
Wheel Size (Inch)	26 / 700C / 28
Nominal Voltage (Vdc)	36
Rated Power (W)	250
Max. Possible Torque (Nm)***	45
Speed (km/h)	25
Color	Black
Weight (kg)	2.3 / 2.5
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket	belt / 8-10
Throttle	N/A
Tests & Certifications	IP X6 / CE

*** Peak locked parameter, reconfiguration possible, depending on the demand of applications and battery output performance. It should be noted that higher performance values can lead to increased wear and have a negative effect on the range and battery life.

HUB MOTOR



H550

Rear Motor

RM G0630.1000.D/DC

eFat , eCargo

68

145

44

15.25

42.1 / 39.7

175

20 / 26(Fat tire)

48 , 48 / 52 , 48 / 52 , 48 / 52

250 , 500 , 750 , 1000

60 , 70 , 85 , 100

25 , 32 , 45 , 45 / 45+

Black

4.2 , 4.5 , 4.9 , 4.9

Disc-Brake

Shaft Side_Left

250 G11.6

36H*12G

6 - 8 , 8 - 10

Optional

IP X6 / CE / UL2849

H560

Rear Motor

RM G0270.500.D/DC
RM G0270.750.D/DC

eCity

50.5

145

44

15.25

39.7 / 39.9

148

26 / 700C / 28

48 / 52

500 , 750

75 , 85

32 / 45

Black

4.2

Disc-Brake

Shaft Side_Left

250 G11.6

36H*12G

7 - 9

Optional

IP X6 / CE / UL2849

H650

Rear Motor

H650

Off road

69

184

56

15.25

40.5 / 41.5

190

26(Fat tire)

60 / 72

2000 / 3000

160 , 200

60 / 80

Black

9.5

Disc-Brake

Shaft Side_Left

250 G11.10

36H*10G

7 - 11

Optional

IP X6

H550W

Rear Motor

RM G0F30.750.D/DC
RM G0F30.1000.D/DC

eFat , eCargo

74

422

44

15.25

40

175

20(Fat tire)

48 / 52

750 , 1000

85 , 100

32 / 45 , 45 / 45+

Black

8

Disc-Brake

Shaft Side_Left

250 G11.6

-

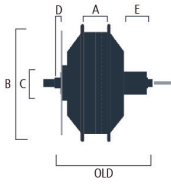
6 - 7 , 8 - 10

Optional

IP X6 / CE / UL2849

*** Peak locked parameter, reconfiguration possible, depending on the demand of applications and battery output performance. It should be noted that higher performance values can lead to increased wear and have a negative effect on the range and battery life.

HUB MOTOR



H700

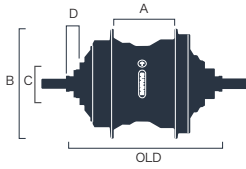
H720

H730

Position	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G3600.250.A2.D	RM G06A2.250.D RM G06A2.750.D RM G06A2.1000.D	H730
Application	eCity	eFat	eCity
Size			
A (mm)	45	68	52
B (mm)	123	145	123
C (mm)	44	44	44
D (mm)	15.25	15.25	15.25
E (mm)	10	26	10.7
OLD (mm)	138	175	148
Core Data			
Wheel Size (Inch)	26 / 700C / 28	20 / 26(Fat tire)	20 / 26 / 700C / 28
Nominal Voltage (Vdc)	36 / 48	36 / 48 , 48 / 52 , 48 / 52	36
Rated Power (W)	250	250 , 750 , 1000	250
Max. Possible Torque (Nm)***	50	60 , 85 , 100	50
Speed (km/h)	25 / 32	25 / 32 , 45 , 45 / 45+	25
Color	Black	Black	Black
Weight (kg)	3.2	4.8 , 5.4 , 5.4	3.6
Mounting Parameters			
Brake	Disc-Brake	Disc-Brake	Disc-Brake
Cabling Route	Shaft Side_Left	Shaft Side_Left	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1	250 G9.1 , 250 G11.2 , 250 G11.6	250 G9.1
Spoke Specification	36H*13G	36H*12G	36H*13G
Sprocket	Single - 16T / 18T / 20T , belt	Single - 16T / 18T / 20T / 22T , belt	Single - 16T / 18T / 20T / 22T , belt
Throttle	N/A	Optional	N/A
Special Function	Auto 2 Speed	Auto 2 Speed	Auto 3 Speed
Gear ratio	1 , 1.36	1 , 1.36	0.76 , 1 , 1.31
Tests & Certifications	IP X6 / CE / UL2849	IP X6 / CE / UL2849	IP X6 / CE

*** Peak locked parameter, reconfiguration possible, depending on the demand of applications. It should be noted that higher performance values can lead to increased wear and have a negative effect on the range.

GEAR HUB



Model No.	RG A310.D	RG A510.D	RG E510.D
Position	Rear Wheel	Rear Wheel	Rear Wheel
Application	eCity / eTour	eFat	eCity / eTour
Size			
A (mm)	50	71	42
B (mm)	87	110	105.5
C (mm)	44	44	44
D (mm)	15.25	15.25	15.25
OLD (mm)	135	175 / 190	142
Core Data			
Gearshift Method	Auto	Auto	Auto / Manual - Electronic
Gear No.	3	5	5
Gear ratio	1, 1.30, 1.65	1, 1.33, 1.81, 2.46, 3.35	1, 1.27, 1.59, 2.02, 2.52
Max Allowable Torque (Nm)	100	200	120
Wheel Size (Inch)	16 / 20 / 24 / 26 / 700C / 28	20 / 26(Fat tire)	20 / 24 / 26 / 700C / 28
Color	Black	Black	Black
Weight (kg)	1.7	3.7	2.3
Mounting Parameters			
Brake	Disc-Brake	Disc-Brake	Disc-Brake
Cabling Route	-	-	Shaft Side_Left
Spoke Specification	36H*13G	36H*12G	36H*13G
Sprocket	Single - 16T / 18T / 20T / 22T , Belt	Single - 26T / 30T	Single - 26T / 28T / 30T / 32T , Belt
Tests & Certifications	IP X6 / CE	IP X6 / CE	IP X6 / CE


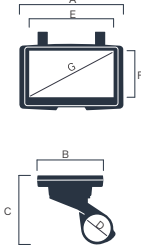
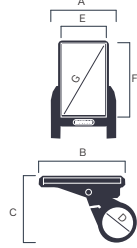
HMI



Model No.	DP C010.CN	DP C245.CAN	DP C080.C DP C080.CB	DP C030.CA
Size				
A (mm)	59.5	57	74.4	36
B (mm)	98.8	73.3	46.7	16
C (mm)	60 - 82	43.5	50.7	79.9
D (mm)	Ø 35	Ø 35	Ø 22.2	-
E (mm)	51.8	42.7	42.7	22.7
F (mm)	86.4	22.7	22.7	42.7
G (Inch)	4.0"	1.9"	1.9"	1.9"
Core Data				
Display Type	TFT	TFT	TFT	TFT
Nominal Voltage (Vdc)	36 / 48 / 52	36 / 48 / 52	36 / 48 / 52	36 / 48 / 52
Support Modes	4 modes / 6 modes	4 modes / 6 modes	4 modes / 6 modes	4 modes / 6 modes
Mounting Parameters				
Holder Diameter (mm)	Ø 22.2 / 25.4 / 31.8 / 35	Ø 25.4 / 31.8 / 35	Ø 22.2	-
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	0 G5.4	230 G5.4 / 850 G5.4	100 G5.4
Control Unit Cable (mm)	250 / 300 / 350	250 / 300 / 350	-	500
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual
Walk Assistance	●	●	●	●
Bafang Go app	●	●	✗ ●	●
USB Charge	5V 1A (Type C)	5V 500mA (Type C)	✗, 5V 500mA (Type C)	✗
Clock	●	✗	✗	✗
Setting	●	●	●	●
Special Function	Navigation & Find My	-	-	ANT+
Indications				
Error Code	●	●	●	●
Power	●	●	●	●
UI Options	3	1	2	1
Languages	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ
Tests & Certifications	IP X6 / CE / UL2849	IP X6 / CE / UL2849	IP X7 / CE / UL2849	IP X7 / CE

HMI



Model No.	DP C400.CB	DP C090.CB	DP C020.C
Size			
A (mm)	42	123	58.4
B (mm)	68	78.6	98.4
C (mm)	25.3	81.6	58-87
D (mm)	-	Ø 31.8	Ø 35
E (mm)	34.2	95.1	44.4
F (mm)	47.3	53.9	76
G (Inch)	2.3"	4.3"	3.5"
Core Data			
Display Type	TFT	TFT	LCD Segment + Matrix
Nominal Voltage (Vdc)	36 / 48 / 52	36 / 48 / 52 / 60 / 72	36 / 48 / 52
Support Modes	6 modes	6 modes	6 modes
Mounting Parameters			
Holder Diameter (mm)	-	Ø 22.2 / 25.4 / 31.8	Ø 22.2 / 25.4 / 31.8 / 35
Cable Length (mm), Connector Type	0 G5.4	230 G5.4	230 G5.4
Control Unit Cable (mm)	300	300	250 / 300 / 350
Functions			
ON/OFF	●	●	●
Mode	●	●	●
Light Control	Auto / Manual	Auto / Manual	Auto / Manual
Walk Assistance	●	●	●
Bafang Go app	●	●	×
USB Charge	×	5V 1A (Type C)	×
Clock	×	×	×
Setting	●	●	●
Special Function	-	-	-
Indications			
Error Code	●	●	●
Power	●	●	●
UI Options	3	1	1
Languages	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ	EN
Tests & Certifications	IP X6 / CE	IP X6 / CE	IP X5 / CE

BATTERY



Model No.	BT F141.B561.C	BT F161.B748.C	BT C02.B630.C
Size			
L (mm)	418	418	409.6
W (mm)	69	70	130
H (mm)	65	77	70
Removing Type	Up / Down	Up / Down	Rear
Specifications			
Nominal Voltage (Vdc)	36	36	36
Energy (Wh)	561	748	630
Rated Capacity (Ah)	15.6	20.8	17.5
CELL	21700	21700	18650
Charger	3A	3A / 6A	3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604

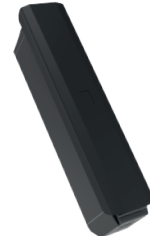


Model No.	BT F011.B540.C BT F011.B720.C BT F011.D720.C BT F010.D720.C	BT F040.B360.C BT F046.B374.C	BT F023.B504.C
Size			
L (mm)	398	516 / 448.5	434
W (mm)	74	48.5	76.5
H (mm)	83	48.5	68
Removing Type	Down	Bottom	Down
Specifications			
Nominal Voltage (Vdc)	36, 36, 48, 48	36	36
Energy (Wh)	540, 720, 720, 720	360, 374	504
Rated Capacity (Ah)	15, 20, 15, 15	10, 10.4	14
CELL	21700	21700	18650
Charger	3A	2A	2A / 3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604 / UL2271	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604

BATTERY



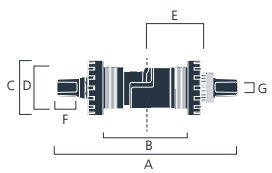
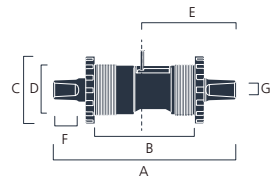

Model No.	BT F362.B720.C BT F362.D720.C	BT F071.B561.C BT F071.D499.C	BT F440.B748.C BT F440.D748.C
Size			
L (mm)	437	421.5	435
W (mm)	75	74.7	75
H (mm)	75	51.75	77
Removing Type	Down	Bottom	Down
Specifications			
Nominal Voltage (Vdc)	36 , 48	36 , 48	36 , 48
Energy (Wh)	720	561 , 499	748
Rated Capacity (Ah)	20 , 15	15.6 , 10.4	20.8 , 15.6
CELL	21700	21700	21700
Charger	3A	3A	3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604 / UL2271	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604



Model No.	BT F501.B540.C BT F501.B720.C BT F501.D748.C	BT F361.B360.C	BT F381.D960 BT F380.D960.C
Size			
L (mm)	366	475	427
W (mm)	99	51	79 , 116
H (mm)	96	59	96
Removing Type	Slide up	Down	Down
Specifications			
Nominal Voltage (Vdc)	36 , 48	36	48
Energy (Wh)	540 , 720 , 748	360	960
Rated Capacity (Ah)	15 , 20 , 15.6	10	20
CELL	21700	21700	21700
Charger	3A	2A	3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604 / UL2271	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604	IP X6 / UN38.3 / MSDS / ISO13849 / UL2271

SENSOR



Model No.	SR PA232.32.ST SR PA242.32.ST	SR PA112.32.S SR PA121.32.S SR PA131.32.S SR PA142.32.S	SR PA051.12.S
Size			
A (mm)	148, 160	127, 119, 124, 136.5	43.8
B (mm)	73 / 68, 84	68, 68, 68, 73	54
C (mm)	2-Ø 44	2 - Ø 45.5	9.6
D (mm)	2-BC1.37"*24T	2 - BC1.37"*24T	Ø15.2
E (mm)	50, 55.5	63.8, 57.5, 60.7, 64.3	-
F (mm)	2-17	2 - 17	-
G (mm)	2-M8*P1*25	2 - M8*P1*25	-
Core Data			
Type	Torque & Cadence	Cadence	Cadence
Signals (Pulses/Cycle)	32	32	12
Shaft Standard	JIS	JIS	-
Mounting Parameters			
Mounting Position	Bottom Bracket	Bottom Bracket	Bottom Bracket Shaft
Cable Length (mm), Connector Type	150 G6.4.2 / 950 G6.4.2	150 G6.5.4 / 950 G6.5.4	150 G6.5.4 / 950 G6.5.4
Tests & Certifications			
CE / UL2849			

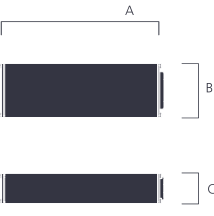
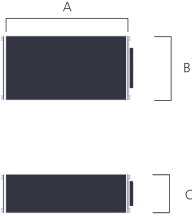
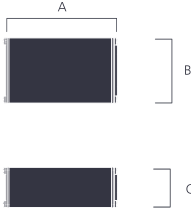
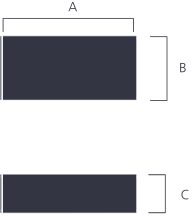
SENSOR



Model No.	SR SD021.01	SR SD071.02	SR 502
Size			
A (mm)	10 - 20	5 - 10	5 - 10
B (mm)	5.5	10	67
C (mm)	-	18	18
D (mm)	-	16.25	16.25
Core Data			
Type	Wheel Speed	Wheel Speed	Wheel Speed
Mounting Parameters			
Mounting Position	Chain Stay & Spoke	Chain Stay & Disc Brake	Chain Stay & Disc Brake with Centerlock
Cable Length(mm), Connector Type	100 G4.3 550 3104A1004 550 G8.5.3	100 G4.3.2 550 G8.5.4	100 G4.3.2 550 G8.5.4
Tests & Certifications	CE		

CONTROLLER



Model No.	CR S307.1000.FC	CR C101.C	CR A101.C	CR E101.C
Size				
A (mm)	152	110	78.5	147.8
B (mm)	52	56	47	86.8
C (mm)	29	34	29	46.5
Core Data				
Nominal Voltage (Vdc)	48 / 52, 48 / 52	36 / 48, 48 / 52	36 / 48, 36 / 48	60 / 72
Low Voltage Protection(Vdc)	41 / 44, 41 / 44	32 / 41, 41 / 44	32 / 41, 32 / 41	49.5 / 59
Current Limit (A)	27 / 23, 32 / 30	27 / 22, 24 / 22	17 / 14, 20 / 16	50 / 60
Rated Power (W)	750, 1000	500, 750	250, 350	2000, 3000
Mounting Parameters				
Com. Protocol	CAN	CAN	CAN	CAN
E-Brake	Optional	Optional	Optional	Optional
Throttle	Optional	Optional	Optional	Optional
Further Specifications				
Walk Assistance (km/h)	5	5	5	5
Light Drive Capacity (Vdc/W)*	6 / 12 (max) 12 / 24 (max) 48 / 48 (max)	6 / 12 (max) 12 / 24 (max) 48 / 48 (max)	6 / 6 (max) 12 / 12 (max) 48 / 48 (max)	12 / 24 (max)
Tests & Certifications			IP X6 / CE / UL2849	

* 48V generally refers to the nominal voltage of battery.

ACCESSORIES

CHAINWHEEL



Model No.	CW G210.1A	CW G210.1B	CW G210.1C	CW G333.1B
Core Data				
Suitability	M210	M210	M210	M210
Teeth Number(XX)	38T, 44T	38T, 44T	38T	38T
Chain Line	49	45	48	53
Thickness(X/XX")	3/32", 11/128"	1/8", 3/32", 11/128"	1/8", 3/32", 11/128"	Narrow Wide System
Spider Style	4 (∅ 104)	4 (∅ 104)	-	4 (∅ 104)
Chain Guard	Optional	Optional	N/A	N/A



Model No.	CW G3320.1A	CW G522.1A	CW G522.1C	CW G510.1A
Core Data				
Suitability	M430 / M410	M560 / M510	M560 / M510	M620
Teeth Number(XX)	38T, 44T	32T, 40T	34T	40T, 42T, 44T, 48T, 52T
Chain Line	49	53	53	70
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	Narrow Wide System	Narrow Wide System
Spider Style	4 (∅ 104)	4 (∅ 104)	-	5 (∅ 130)
Chain Guard	Optional	N/A	N/A	Optional



Model No.	CW G510.1B	CW G532.1A	CW PA211.1A	CW PA211.1B
Core Data				
Suitability	M620	M820	SR PA2XX.32.ST	SR PA2XX.32.ST
Teeth Number(XX)	40T, 42T, 44T, 52T	44T	34T, 36T, 38T, 42T, 44T, 48T	48T, 50T, 52T
Chain Line	48	45.5	47.5(68), 63.5(100), 50(73), 55.5(84), 68.5(110), 73.5(120)	47.5(68), 63.5(100)
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	1/8", 3/32", 11/128"	1/8", 3/32", 11/128"
Spider Style	5 (∅ 130)	4 (∅ 110)	4 (∅ 104)	5 (∅ 130)
Chain Guard	Optional	N/A	Optional	Optional

ACCESSORIES

CRANK



Model No.	CK JIS04.170P	CK JIS01.170P	CK BF02.170P/165P	CK ISIS02.170P
Core Data				
Shaft Standard	JIS	JIS	BAFANG	ISIS
Suitability	M410 / M210	M430	M560 / M510	M620(Fat)



Model No.	CK ISIS01.170P/165P	CK ISIS03.170P
Core Data		
Shaft Standard	ISIS	ISIS
Suitability	M820(Road/MTB)	M620(Cargo)

SPROCKET



Model No.	SW A310.01.A	SW A310.01.B	SW A310.01.C
Core Data			
Suitability	H700 / H720 / H730 / RG A310.D	H700 / H720 / H730 / RG A310.D	H700 / H720 / H730 / RG A310.D
Teeth Number(XX)	16T, 18T, 20T, 22T	18T, 20T	16T, 18T, 20T, 22T
Chain Line(mm)	58(H700) / 64(H720) / 62(H730) / 49(RG A310.D)	54.5(H700) / 61(H720) / 58.5(H730) / 49(RG A310.D)	58(H700) / 64(H720) / 62(H730) / 49(RG A310.D)
Thickness(X/XX")	1/8"	1/8"	3/32"



Model No.	SW A310.01.D	SW G3600.01.A	SW A510.01.A
Core Data			
Suitability	H700 / H720 / H730 / RG A310.D	H700	RG E510.D
Teeth Number(XX)	18T, 20T	16T	26T, 30T
Chain Line(mm)	54.5(H700) / 61(H720) / 58.5(H730) / 45.5(RG A310.D))	54.5	52.5
Thickness(X/XX")	3/32"	1/8"	1/8"

ACCESSORIES

MOTOR COVER



Model No.	MD G210.A	MD G333.B	MD M430.A	MD G510.A
Core Data				
Material	PC	PC	PC	PC
Suitability	M210	M410 / M510 / M560	M430	M620
Color	Black	Black	Black	Black



Model No.	MD G532.A
Core Data	
Material	PC
Suitability	M820 (FP MMG532.A)
Color	Black

BASH GUARD



Model No.	BG G333.B	BG M430.A	BG G522.A	BG G532.A
Core Data				
Material	PC	PC	PC	PC
Suitability	M410	M430	M560 / M510 / M410 (FP MMG522.A)	M820
Color	Black	Black	Black	Black

ACCESSORIES

THROTTLE



Model No.	TR B01.R.T
Mounting Parameters	
Type	Thumb , Right
Holder (mm)	Ø 22.2
Cable Length (mm), Connection Type	200 M3.10
Tests & Certifications	
Waterproof	IP X5
Certifications	Reach / ROHS

FRAME MOUNT



Model No.	FP MMG2300.A	FP M430.A	FP MMG522.A
Core Data			
Suitability	M210	M430	M560 / M510 / M410



Model No.	FP MMG510.A	FP MMG532.A
Core Data		
Suitability	M630/M620	M820

Please note: Specifications are for reference, and subject to change without prior notice.
For detail data, pls confirm with sales staff.

BESST Pro



BAFANG E-MOBILITY SALES & SERVICE TOOL

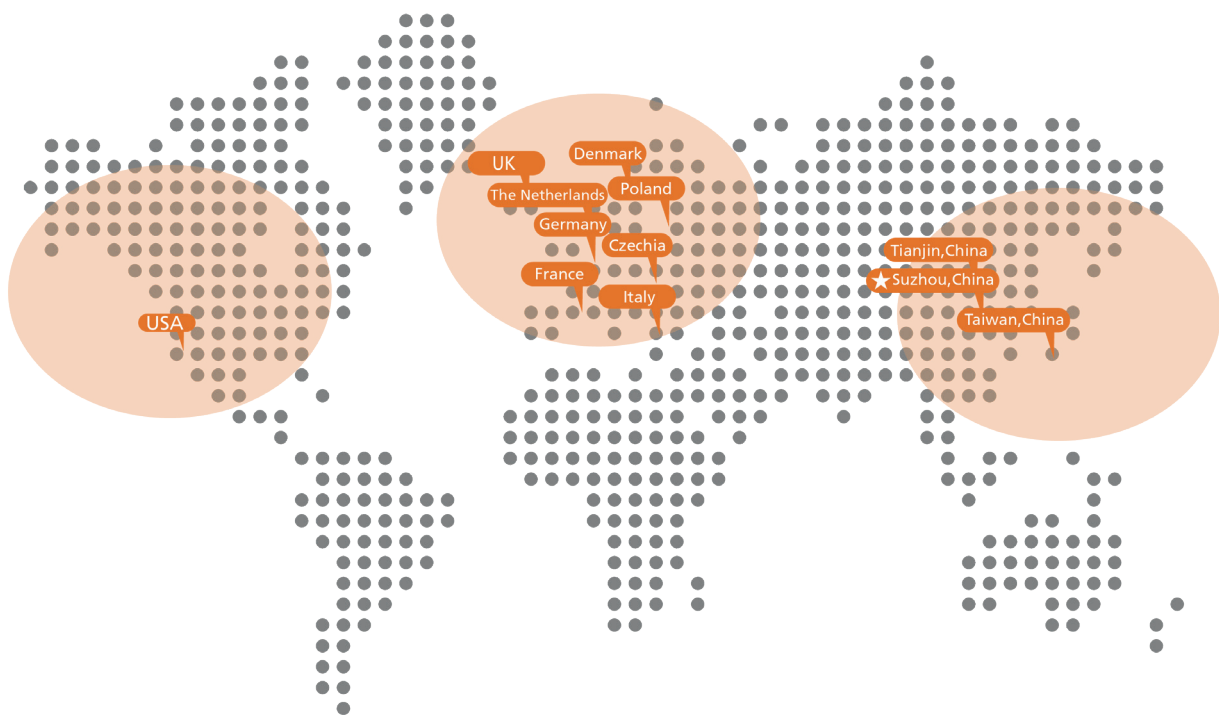
Designed for hassle-free after-sales service. Dealers could rely on Bafang BESST Pro to ensure the eBike system stays up-to-date and reliable, with the features of system diagnostics, firmware updates, diagnostic reports, parameter setting, and more.

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|  Component Inspection |  System Diagnosis |  Parameter Adjustment |
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