

BAFANG

POWER YOUR LIFE



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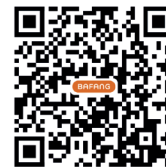
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online factory tour



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@Bafang E-Bike Drive Systems



06/2024

ENGINEERED
TO MAKE YOU

smile

WORKBOOK 2025

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

POWER YOUR LIFE

BAFANG

BAFANG

POWER YOUR LIFE





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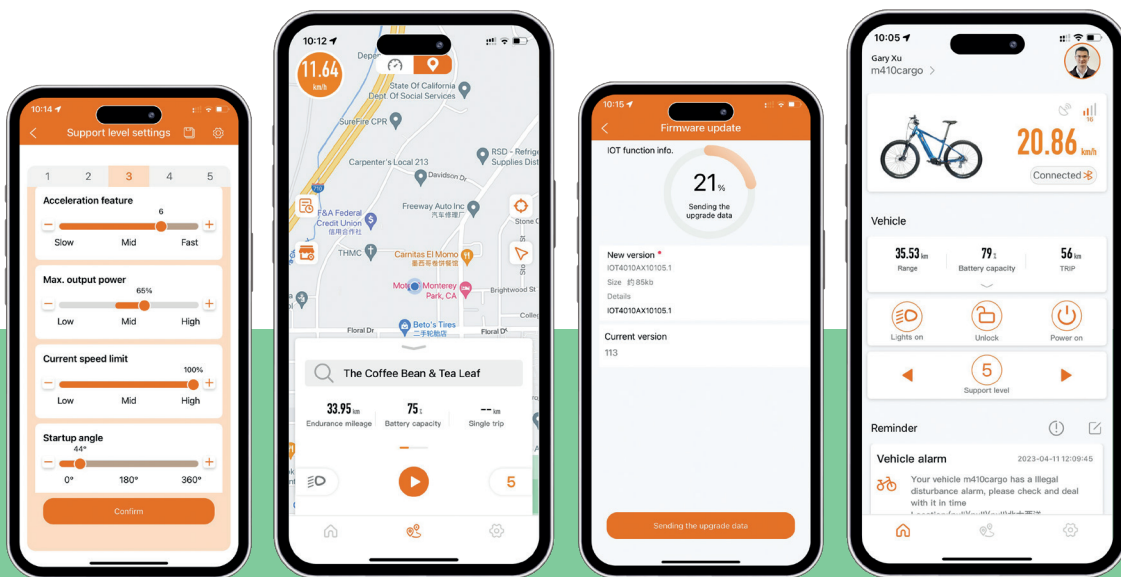
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BAFANG GO⁺

SMART CONNECTIVITY



Custom Settings

Riding map

Firmware Update

Control Interface

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.



iOS



Android

BESST Pro

BAFANG E-MOBILITY SALES & SERVICE TOOL



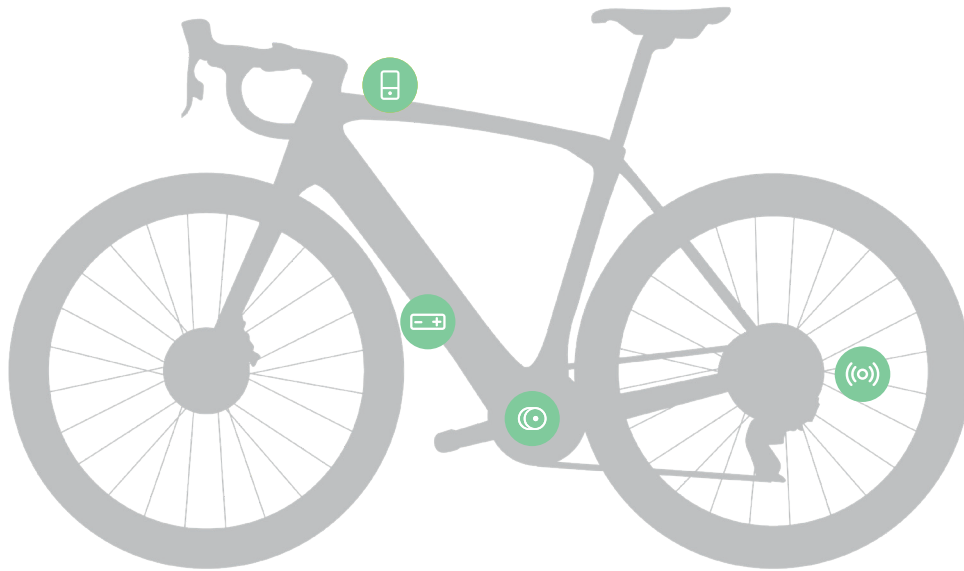
Designed for hassle-free after-sales service. Dealers could rely on Bafang BESST Pro to ensure the eBike system stays up-to-date and reliable, with the features of system diagnostics, firmware updates, diagnostic reports, parameter setting, and more.

BAFANG M820 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eRoad / eGravel



eRoad/
eGravel



MOTOR



MM G532

250W
75Nm (Max)
Light weight < 2.3kg



HMI



DP C030

Seamlessly integrated
into top tube
Optimal readability
1.9" TFT display



DP C263

2.4" TFT display
2 button options
UI for eROAD



BATTERY



BT F100

Intube
36V 10Ah
360Wh



SENSOR



SR SD071

Chain stay &
disc brake



SR S02

Chain stay &
disc brake with
centerlock



ACCESSORIES - Chainwheel



CW G532.1A

44T, CL49



ACCESSORIES - Crank



CK ISIS01.170P



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG532.A

Frame mount



MD G532.A

Motor cover



BG G532.A

Bash guard



BAFANG M820 MID DRIVE SYSTEM

DRIVE SYSTEM FOR LIGHT ASSIST eMTB



eMTB



MOTOR



MM G532

250W
75Nm (Max)
Light weight < 2.3kg



HMI



DP C030

Seamlessly integrated
into top tube
Optimal readability
1.9" TFT display



BATTERY



BT F100

Intube
36V 10Ah
360Wh



SENSOR



SR SD071

Chain stay &
disc brake



SR S02

Chain stay &
disc brake with
centerlock



ACCESSORIES - Chainwheel



CW G532.1A
44T, CL49



ACCESSORIES - Crank



CK ISIS01.170P/165P



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG532.A
Frame mount



MD G532.A
Motor cover



BG G532.A
Bash guard



BAFANG M560 MID DRIVE SYSTEM

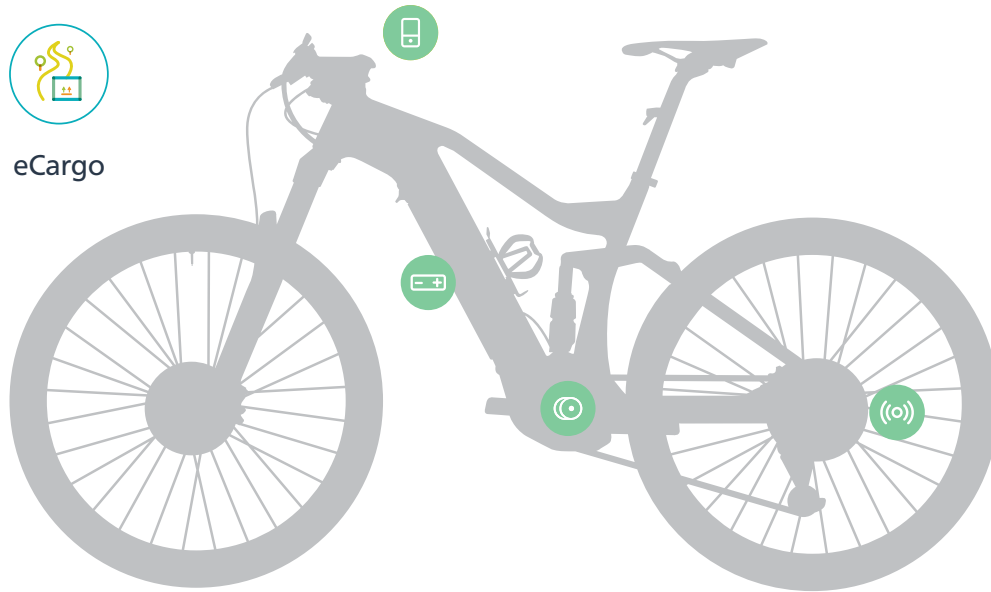
DRIVE SYSTEM FOR HEAVY ASSIST eMTB / eCargo



eMTB



eCargo



MOTOR



MM G5300

750W
140Nm (Max)
Light weight < 3.3kg



HMI



DP C245

1.9" TFT display
Full-fit screen



DP C010

4.0" TFT display
Full-fit screen
Multi UI options
6 languages



BATTERY



BT F010

Fully integrated
48V 15.6Ah
748Wh



SENSOR



SR SD071

Chain stay &
disc brake



SR S02

Chain stay &
disc brake with
centerlock



ACCESSORIES - Chainwheel



CW G522.1A
32/40T, CL53



CW G522.1C
34T, CL53



ACCESSORIES - Crank



CK BF01.170P



CK BF02.170P/165P



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG521.B
Frame mount



MD G521.B
Motor cover



BG G521.B
Bash guard

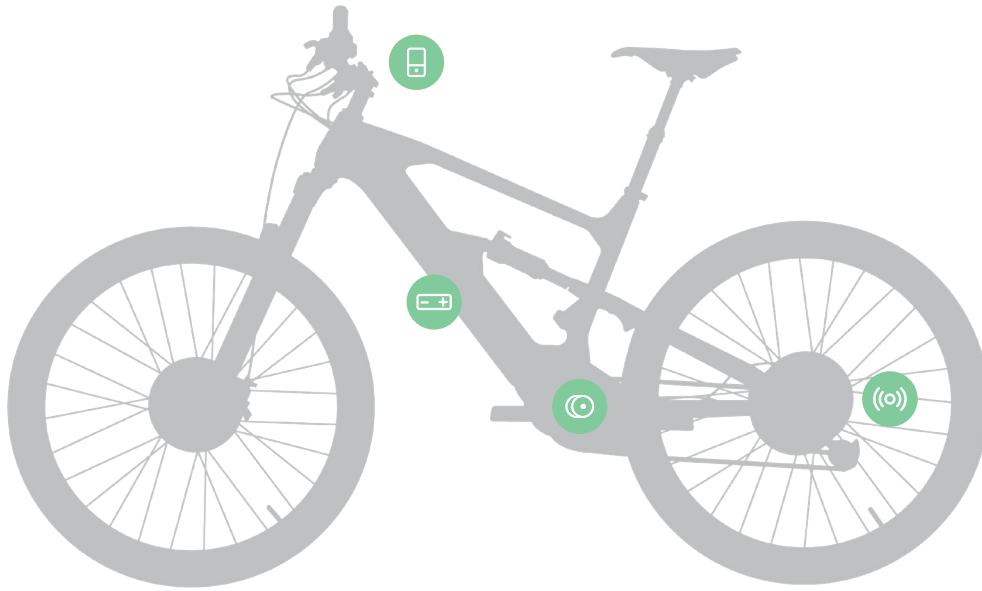


BAFANG M510 MID DRIVE SYSTEM

DRIVE SYSTEM FOR ALL TERRAIN eMTB



eMTB



MOTOR



MM G522

250W
95Nm (Max)
Light weight < 2.9kg



HMI



DP C245

1.9" TFT display
Full-fit screen



BATTERY



BT F010

Fully integrated
48V 15.6Ah
748Wh



SENSOR



SR SD071

Chain stay &
disc brake



SR S02

Chain stay &
disc brake with
centerlock



ACCESSORIES - Crank



CK BF01.170P

CK BF02.170P/165P



ACCESSORIES - Chainwheel



CW G522.1A

32/40T, CL53



CW G522.1C

34T, CL53



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG521.B

Frame mount



MD G522.A

Motor cover



BG G521.B

Bash guard



BAFANG M410 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eTour (eSUV) / eCargo



eTour



eCargo



MOTOR



MM G333

250W
80Nm (Max)



HMI



DP C010

4.0" TFT display
Full-fit screen
Multi UI options
6 languages



BATTERY



BT F780

Fully integrated
36V 17.5Ah
630Wh



GEAR HUB



RG A310.D

3-speed
automatic gear hub



SENSOR



SR S02

Chain stay &
disc brake with
centerlock



ACCESSORIES - Chainwheel



CW G333.1B

38T , CL 53



ACCESSORIES - Crank



CK JIS04.170P



ACCESSORIES - Sprocket



SW A310.01.A(16/18/20/22T)



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG521.B

Frame mount



MD G333.B

Motor cover



BG G333.B

Bash guard



BAFANG M210 MID DRIVE SYSTEM

DRIVE SYSTEM FOR eCity



eCity



MOTOR



MM G2300
250W
70Nm (Max)



HMI



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



BATTERY



BT F870
Fully integrated
36V 15Ah
540Wh



GEAR HUB



RG A310.D
3-speed
automatic gear hub



SENSOR



SR S02
Chain stay & disc brake
with centerlock



ACCESSORIES - Chainwheel



CW G210.1B
38 / 44T, CL 45

CW G210.1C
38T, CL 48



ACCESSORIES - Sprocket



SW A310.01.A
(16/18/20/22T)



ACCESSORIES - Frame Mount/Motor Cover/Bash Guard



FP MMG2300.A
Frame mount

MD G210.A
Motor cover



ACCESSORIES - Crank

CK JIS04.170P

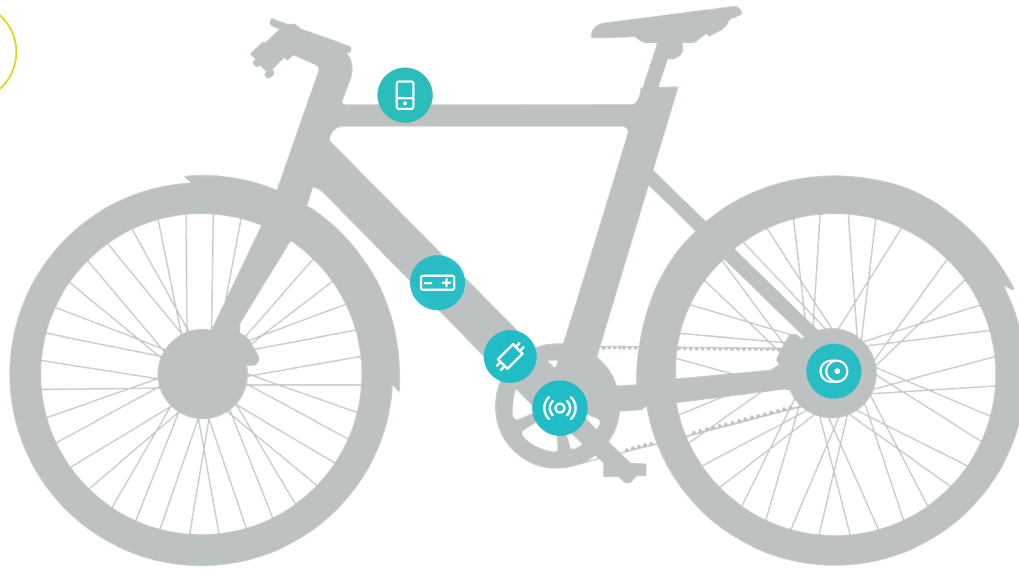


BAFANG H700 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eCity (eUrban)



eCity



MOTOR



RM G3600

250W
40Nm (Max)
Auto dual speed integrated
Belt/Chain optional



HMI



DP C030

Seamlessly integrated
into top tube
Optimal readability
1.9" TFT display



BATTERY



BT F100

Intube
36V 10Ah
360Wh



SENSOR



SR PA232.32.ST

Torque & cadence
sensor



CONTROLLER



CR A101.C

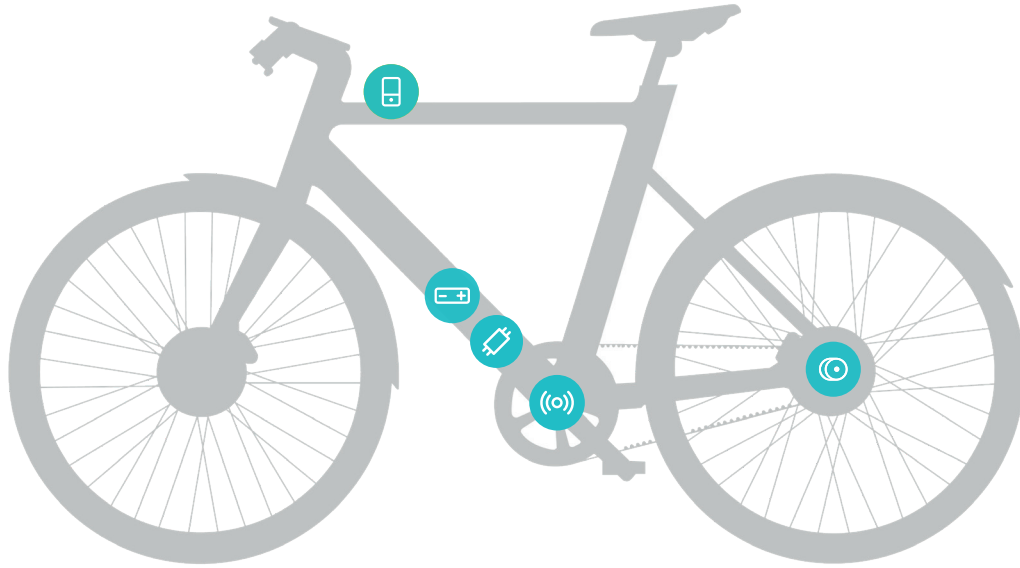


BAFANG H410 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eCity (eUrban)



eCity



MOTOR



RM G3310
250W
35Nm (Max)



HMI



DP C030
Seamlessly integrated
into top tube
Optimal readability
1.9" TFT display



BATTERY



BT F040
Intube
36V 10Ah
360Wh



SENSOR



SR PA232.32.ST
Torque & cadence
sensor



CONTROLLER



CR X30T.250.FC

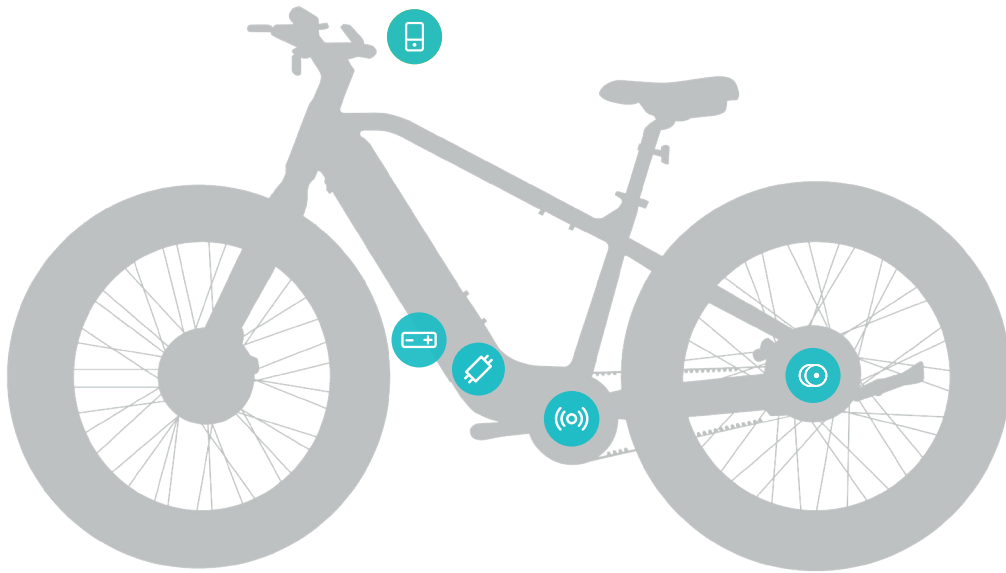


BAFANG H720 REAR DRIVE SYSTEM

DRIVE SYSTEM FOR eFat



eFat



MOTOR



RM G06A2

750, 1000W
80, 95Nm(Max)
Auto dual speed integrated



HMI



DP C010

4.0" TFT display
Full-fit screen
Multi UI options
6 languages



BATTERY



BT F381

Fully integrated
48V 20.8Ah
960Wh



SENSOR



SR PA222.32.ST
Torque & cadence
sensor



CONTROLLER



CR S307.1000.FC



MOTOR

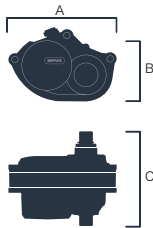
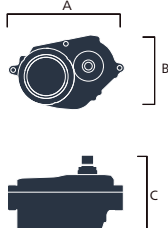


NEW

M820

M620

M560

Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G532.250.C	MM G510.750.C MM G510.1000.C	MM G5300.500.C MM G5300.750.C
Application	eRoad , eGravel , eMTB	eCargo , eFat	eCargo , eMTB , eSpeed
Size			
A (mm)	167	235	197
B (mm)	117	138	125
C (mm)	147.6	150	154.8
Core Data			
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29
Nominal Voltage (Vdc)	36 / 48	48 / 52	48
Rated Power (W)	250	750 , 1000	500 , 750
Speed (km/h)	25 / 32 / 45	25 / 32 / 45	25 / 32 / 45
Max Torque (Nm)	75	140 , 160	130 , 140
Pedal Sensor	Cadence & Torque	Cadence & Torque	Cadence & Torque
Shaft Standard	ISIS	ISIS	BAFANG
Color	Black	Black	Black
Weight (kg)	2.3	6.7	3.3
Function			
Smart mode*	–	–	Yes
E-Brake	Optional	Optional	Optional
Throttle	N/A	Optional	Optional
Light Drive Capacity (Vdc/W)	12 / 6(max)	12 / 12(max)	12 / 6(max)
Chain Guide	–	–	ISCG05
Tests & Certifications	IP X6 / CE	IP X5 / CE / UL2849	IP X6 / CE / UL2849

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

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

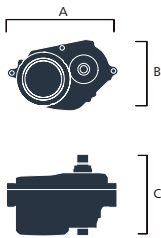
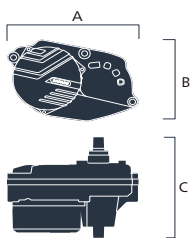
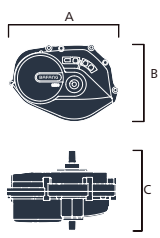
MOTOR



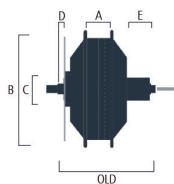
M510

M410

M210

Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G522.250.C	MM G333.250.C	MM G2300.250.C
Application	eMTB	eMTB , eSUV , eCargo	eCity , eTour
Size			
A (mm)	197	197	206
B (mm)	125	125	145
C (mm)	154.8	153	150
Core Data			
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29
Nominal Voltage (Vdc)	36 / 48	36 / 48	36 / 48
Rated Power (W)	250	250	250
Speed (km/h)	25 / 32	25 / 32	25
Max Torque (Nm)	95	80	70
Pedal Sensor	Cadence & Torque	Cadence & Torque	Cadence & Torque
Shaft Standard	BAFANG	JIS	JIS
Color	Black	Black	Black
Weight (kg)	2.9	3.3	3.2
Function			
Smart mode*	Yes	–	Yes
E-Brake	Optional	Optional	Optional
Throttle	N/A	N/A	N/A
Light Drive Capacity (Vdc/W)	12 / 6(max)	12 / 6(max)	12 / 6(max)
Chain Guide	ISCG05	6 - bolt	6 - bolt
Tests & Certifications	IP X6 / CE	IP X6 / CE / UL2849	IP X6 / CE

MOTOR



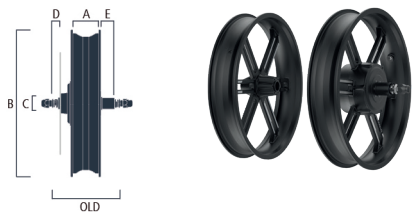
H640

H600

H550

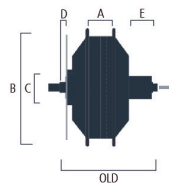
Position	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G0900.750.D/DC	RM G370.250.DC	RM G063.1000.D/DC
Application	eCargo , eSpeed , eMTB	eRoad , eCity	eFat , eCargo
Size			
A (mm)	32	44	68
B (mm)	183	93	145
C (mm)	44	44	44
D (mm)	15.25	15.25	15.25
E (mm)	42.5 / 40.75	39.5	42.1 / 39.7
OLD (mm)	138	148	175
Core Data			
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	20 / 26(Fat tire)
Nominal Voltage (Vdc)	48	36	48 / 52
Rated Power (W)	750	250	1000
Speed (km/h)	45	25	45 / 45+
Max Torque (Nm)	80	30	95
Color	Black	Black	Black
Weight (kg)	5.6	2.0	4.9
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 G11.6	250 G9.1	250 G11.6
Spoke Specification	36H*12G	36H*13G	36H*12G
Sprocket	8 - 10	8 -10	8 - 10
Throttle	Optional	N/A	Optional
Tests & Certifications	IP X6 / CE / UL2849	IP X6 / CE	IP X6 / CE

MOTOR



H550W

Position	Rear Motor
Model No.	RM G0F2.750.D/DC RM G0F4.1000.D/DC
Application	eFat , eCargo
Size	
A (mm)	74
B (mm)	422
C (mm)	44
D (mm)	15.25
E (mm)	40
OLD (mm)	175
Core Data	
Wheel Size (Inch)	20(Fat tire)
Nominal Voltage (Vdc)	48 / 52 , 48 / 52
Rated Power (W)	750 , 1000
Speed (km/h)	32 / 45 , 45 / 45+
Max Torque (Nm)	80 , 95
Color	Black
Weight (kg)	8
Mounting Parameters	
Brake	Disc-Brake
Cabling Route	Shaft Side_Left
Cable Length (mm), Connection Type	250 G11.6
Spoke Specification	-
Sprocket	6 - 7 , 8 - 10
Throttle	Optional
Tests & Certifications	IP X6 / CE



H410

Position	Rear Motor
Model No.	RM G3310.250.D
Application	eRoad , eCity
Size	
A (mm)	39.6
B (mm)	121
C (mm)	44
D (mm)	15.25
E (mm)	25.6
OLD (mm)	131
Core Data	
Wheel Size (Inch)	26 / 700C / 28
Nominal Voltage (Vdc)	36
Rated Power (W)	250
Speed (km/h)	25
Max Torque (Nm)	35
Color	Black
Weight (kg)	2.3
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1.2
Spoke Specification	36H*13G
Sprocket	belt
Throttle	N/A
Tests & Certifications	IP X6 / CE

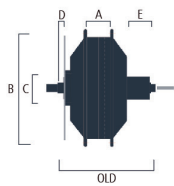
NEW



H405

Position	Rear Motor
Model No.	RM G0210.250.D/DC RM G0210.350.D/DC
Application	eCity , eTour
Size	
A (mm)	40
B (mm)	145
C (mm)	44
D (mm)	15.25
E (mm)	38 / 39.4
OLD (mm)	138 / 143
Core Data	
Wheel Size (Inch)	700C / 28
Nominal Voltage (Vdc)	36 , 48
Rated Power (W)	250 , 350
Speed (km/h)	25 , 25 / 32
Max Torque (Nm)	50 , 55
Color	Black
Weight (kg)	3.4
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket	7 - 9
Throttle	N/A
Tests & Certifications	IP X6 / CE

MOTOR



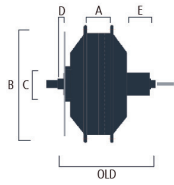
H400

H305

H400

Position	Rear Motor	Rear Motor
Model No.	RM G3610.250.DC	RM G0100.250.D/DC RM G0100.350.D/DC
Application	eCity	eCity , eTour
Size		
A (mm)	35	41
B (mm)	123	128
C (mm)	44	44
D (mm)	15.25	15.25
E (mm)	35	38.5 / 39.6
OLD (mm)	138	138
Core Data		
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28
Nominal Voltage (Vdc)	36	36 / 48
Rated Power (W)	250	250 , 350
Speed (km/h)	25	25 , 25 / 32
Max Torque (Nm)	45	35 , 45
Color	Black	Black
Weight (kg)	2.5	3.1
Mounting Parameters		
Brake	Disc Brake	Disc Brake
Cabling Route	Shaft Side_Left	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1	250 G9.1
Spoke Specification	36H*13G	36H*13G
Sprocket	8 - 10	7 - 8
Throttle	N/A	N/A
Tests & Certifications	IP X6 / CE	IP X6 / CE / UL2849

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
Speed (km/h)	25
Max Torque (Nm)	45
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
Throttle	N/A
Tests & Certifications	IP X6 / CE

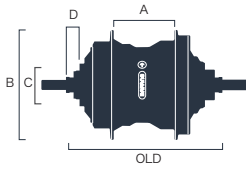


H720

H710

H700

Position	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G06A2.250.D RM G06A2.750.D RM G06A2.1000.D	RM G02A2.250.D RM G02A2.350.D	RM G3600.250.A2.D
Application	eFat	eCity, eTour	eCity
Size			
A (mm)	68	45	45
B (mm)	145	145	123
C (mm)	44	44	44
D (mm)	15.25	15.25	15.25
E (mm)	26	7.5	10
OLD (mm)	175	148	138
Core Data			
Wheel Size (Inch)	20 / 26(Fat tire)	26 / 700C / 28	26 / 700C / 28
Nominal Voltage (Vdc)	36 / 48, 48 / 52, 48 / 52	36 / 48, 48	36 / 48
Rated Power (W)	250, 750, 1000	250, 350	250
Speed (km/h)	25 / 32, 45, 45 / 45+	25 / 32	25 / 32
Max Torque (Nm)	55, 80, 95	45, 50	40
Color	Black	Black	Black
Weight (kg)	4.8, 5.4, 5.4	4.1	3.2
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 G11.2, 250 G11.6	250 G9.1	250 G9.1
Spoke Specification	36H*12G	36H*13G	36H*13G
Sprocket	Single - 16T / 18T / 20T / 22T, belt	Single - 16T / 18T / 20T / 22T, belt	Single - 16T / 18T / 20T, belt
Throttle	Optional	Optional	N/A
Special Function	Automatic Dual Speed	Automatic Dual Speed	Automatic Dual Speed
Gear ratio	1: 1.36	1: 1.36	1: 1.36
Tests & Certifications	IP X6 / CE / UL2849	IP X6 / CE / UL2849	IP X6 / CE / UL2849



NEW

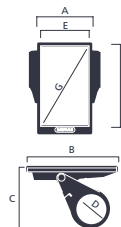
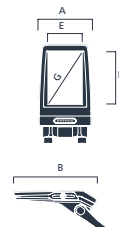
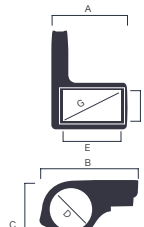
G300A

Model No.	RG A310.D
Position	Rear Wheel
Application	eCity / eTour
Size	
A (mm)	50
B (mm)	87
C (mm)	44
D (mm)	15.25
OLD (mm)	135
Core Data	
Gearshift Method	Auto
Gear No.	3
Gear ratio	1 : 1.30 : 1.65
Max Allowable Torque (Nm)	100
Wheel Size (Inch)	16 / 20 / 24 / 26 / 700C / 28
Color	Silver / Black
Weight (kg)	1.7
Mounting Parameters	
Brake	Disc-Brake
Spoke Specification	36H*13G
Sprocket	Single - 16T / 18T / 20T / 22T , Belt
Tests & Certifications	IP X6 / CE

G500A

Model No.	RG A510.D
Position	Rear Wheel
Application	eFat
Size	
A (mm)	71
B (mm)	110
C (mm)	44
D (mm)	15.25
OLD (mm)	175 / 190
Core Data	
Gearshift Method	Auto
Gear No.	5
Gear ratio	1 : 1.33 : 1.81 : 2.46 : 3.35
Max Allowable Torque (Nm)	200
Wheel Size (Inch)	20 / 26(Fat tire)
Color	Red / Black
Weight (kg)	3.7
Mounting Parameters	
Brake	Disc-Brake
Spoke Specification	36H*12G
Sprocket	Single - 26T / 30T
Tests & Certifications	IP X6 / CE



Model No.	DP C010.CN	DP C263.CAN	DP C245.CAN	
Size				
	A (mm)	59.5	51.3	57
	B (mm)	98.8	79.2	73.3
	C (mm)	60 - 82	–	43.5
	D (mm)	Ø 35	–	Ø 35
	E (mm)	51.8	37.5	42.7
	F (mm)	86.4	49.7	22.7
	G (Inch)	4.0"	2.4"	1.9"
Core Data				
Display Type	TFT	TFT	TFT	
Nominal Voltage (Vdc)	36 / 48 / 52	36 / 48 / 52	36 / 48 / 52	
Support Modes	4 modes / 6 modes	0 - 5	4 modes / 6 modes	
Mounting Parameters				
Holder Diameter (mm)	Ø 22.2 / 25.4 / 31.8 / 35	–	Ø 25.4 / 31.8 / 35	
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	0 G5.4	
Control Unit Cable (mm)	250 / 300 / 350	250 / 300 / 380	250 / 300 / 350	
Functions				
ON/OFF	●	●	●	
Mode	●	●	●	
Light Control	Auto / Manual	Manual	Auto / Manual	
Walk Assistance	●	●	●	
Bluetooth 5.0	●	●	●	
USB Charge	5V 1A (Type C)	✗	5V 500mA (Type C)	
Clock	●	✗	✗	
Setting	●	●	●	
Special Function	Navigation & Find My	–	–	
Indications				
Error Code	●	●	●	
Power	●	●	●	
UI Options	3	1	1	
Languages	EN / DE / NL / FR / IT / CZ	EN	EN / DE / NL / FR / IT / CZ	
Tests & Certifications	IP X6 / CE / UL2849	IP X5 / CE	IP X6 / CE / UL2849	



NEW



NEW

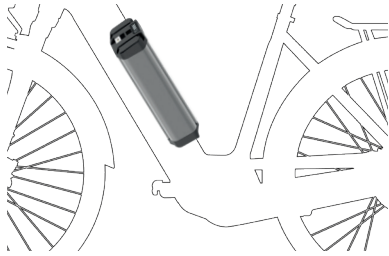


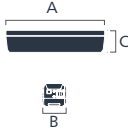
Model No.	DP C080.C DP C080.CB	DP C030.CA	DP C020.C	DP C381.CAN
Size				
A (mm)	74.4	36	58.4	68.7
B (mm)	46.7	16	98.4	81.1
C (mm)	50.7	79.9	58-87	58-85
D (mm)	Ø 22.2	-	Ø 35	Ø 31.8
E (mm)	42.7	22.7	44.4	33
F (mm)	22.7	42.7	76	42.5
G (Inch)	1.9"	1.9"	3.5"	2"
Core Data				
Display Type	TFT	TFT	LCD Segment + Matrix	LCD Segment
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	0 - 5	0 - 5
Mounting Parameters				
Holder Diameter (mm)	Ø 22.2	-	Ø 22.2 / 25.4 / 31.8 / 35	Ø 22.2 / 25.4 / 31.8
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	100 G5.4	230 G5.4	230 G5.4.2 / 850 G5.4.2
Control Unit Cable (mm)	-	500	250 / 300 / 350	250 / 300 / 350
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual
Walk Assistance	●	●	●	●
Bluetooth 5.0	✗ ●	●	✗	●
USB Charge	✗, 5V 500mA (Type C)	-	-	✗
Clock	✗	✗	✗	✗
Setting	●	●	●	●
Special Function	-	ANT+	-	-
Indications				
Error Code	●	●	●	●
Power	●	●	●	●
UI Options	2	1	1	1
Languages	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ	EN	EN
Tests & Certifications	IP X7 / CE / UL2849	IP X6 / CE	IP X5 / CE	IP X6 / CE

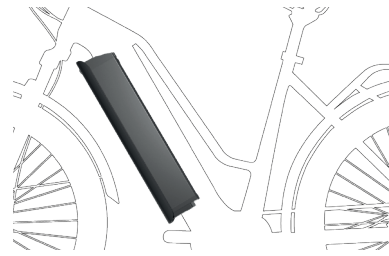


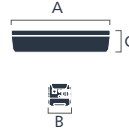
Model No.	DP E165.CAN	DP E160.CAN DP E161.CAN	DP E180.CAN DP E181.CAN	DP E170.CAN DP E171.CAN
Size				
A (mm)	23.3	23	31.5	30
B (mm)	58.5	45.2	51	46
C (mm)	19	49.3	52.2	39.4
D (mm)	–	Ø 22.2	Ø 22.2	18
E (mm)	–	–	–	29.6
Core Data				
Display Type	LED	LED	LED	LED
Nominal Voltage (Vdc)	36 / 48	36 / 48	36 / 48	36 / 48
Support Modes	0 - 5	0 - 5	0 - 5	1 - 3
Mounting Parameters				
Holder Diameter (mm)	–	Ø 22.2	Ø 22.2	–
Cable Length (mm), Connector Type	230 G5.4.2 / 850 G5.4.2	230 G5.4.2 / 850 G5.4.2	230 G5.4.2 / 850 G5.4.2	300 G5.4 / 850 G5.4
Control Unit Cable (mm)	–	–	–	–
Functions				
ON/OFF	●	●	●	●
Mode	●	●	●	●
Light Control	Auto / Manual	Auto / Manual	Auto / Manual	Manual
Walk Assistance	×	●	●	×
Bluetooth 5.0	●	× ●	× ●	× ●
USB Charge	×	×	×	×
Clock	×	×	×	×
Setting	×	×	×	×
Special Function	–	–	–	–
Indications				
Error Code	●	●	●	●
Power	×	×	×	×
UI Options	1	1	×	×
Languages	–	–	–	–
Tests & Certifications	IP X6 / CE	IP X6 / CE	IP X5 / CE	IP X6 / CE

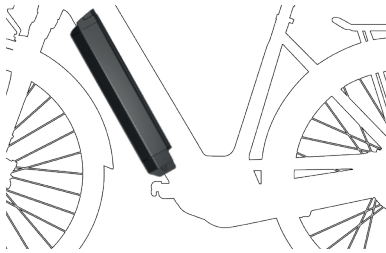
BATTERY

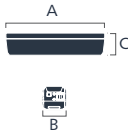


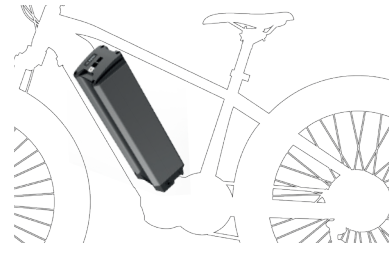
Model No.	BT F870.B540.C
Size	
A (mm)	372
B (mm)	92
C (mm)	75
Removing Type	Up
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	540
Rated Capacity (Ah)	15
S / P / CELL	10 / 3 / 21700
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849 / EN50604

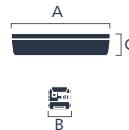


Model No.	BT F780.B561.C
Size	
A (mm)	409
B (mm)	96
C (mm)	89
Removing Type	Down
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	630
Rated Capacity (Ah)	17.5
S / P / CELL	10 / 5 / 18650
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849 / EN50604

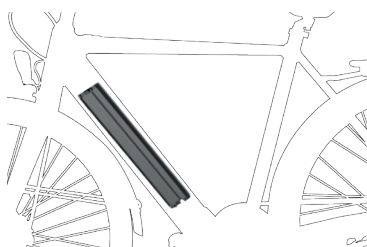


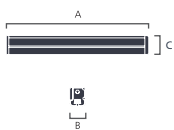
Model No.	BT F011.B720.C BT F011.B540.C
Size	
A (mm)	398
B (mm)	74
C (mm)	83
Removing Type	Down / Up
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	720 , 540
Rated Capacity (Ah)	20 , 15
S / P / CELL	10 / 4 , 3 / 21700
Charger	3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / ISO13849 / EN50604

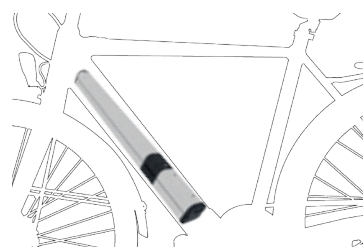


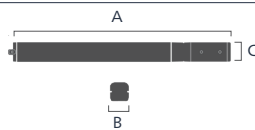
Model No.	BT F880.B900.C
Size	
A (mm)	448
B (mm)	110
C (mm)	87
Removing Type	Up
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	900
Rated Capacity (Ah)	25
S / P / CELL	10 / 5 / 21700
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849 / EN50604

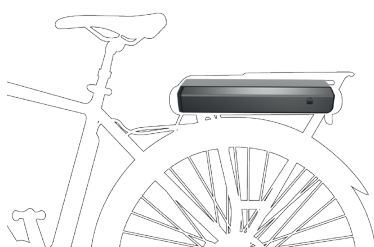
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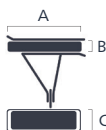


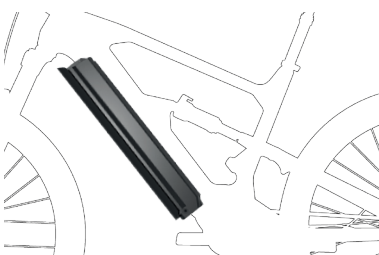
Model No.	BT F100.B360.C BT F100.B417.C
Size	
A (mm)	403
B (mm)	52
C (mm)	63
Removing Type	Bottom
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	360 / 417
Rated Capacity (Ah)	10 / 11.6
S / P / CELL	10 / 2 / 21700
Charger	2A / 3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849 / EN50604 / UL2271



Model No.	BT F040.B360.C BT F040.B417.C
Size	
A (mm)	516
B (mm)	48.5
C (mm)	48.5
Removing Type	Bottom
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	360 / 417
Rated Capacity (Ah)	10 / 11.6
S / P / CELL	10 / 2 / 21700
Charger	2A / 3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849 / EN50604

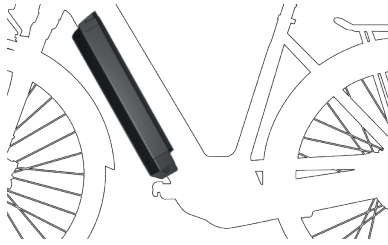


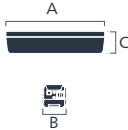
Model No.	BT C02.B720.C
Size	
A (mm)	412
B (mm)	130
C (mm)	70
Removing Type	Rear
Specifications	
Nominal Voltage (Vdc)	36
Energy (Wh)	630
Rated Capacity (Ah)	17.5
S / P / CELL	10 / 5 / 18650
Charger	3A / 4A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / ISO13849

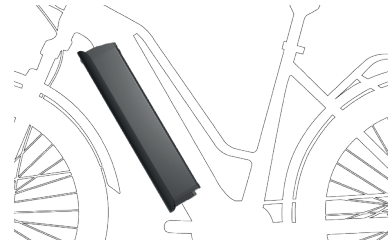


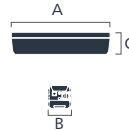
Model No.	BT F740.D720
Size	
A (mm)	437
B (mm)	100
C (mm)	75.2
Removing Type	Down
Specifications	
Nominal Voltage (Vdc)	48
Energy (Wh)	748
Rated Capacity (Ah)	15.6
S / P / CELL	13 / 3 / 21700
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / UL2271

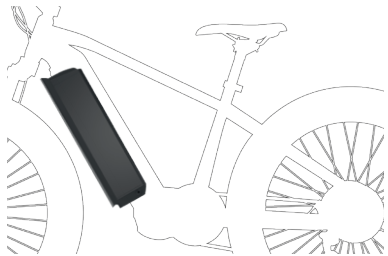
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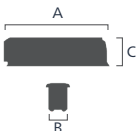


Model No.	BT F010.D720.C
Size	
A (mm)	398
B (mm)	74
C (mm)	83
Removing Type	Down / Up
Specifications	
Nominal Voltage (Vdc)	48
Energy (Wh)	748
Rated Capacity (Ah)	15.6
S / P / CELL	13 / 3 / 21700
Charger	3A
Tests & Certifications	IP X6 / UN38.3 / MSDS / CE / UL2271



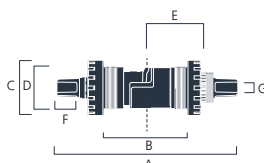
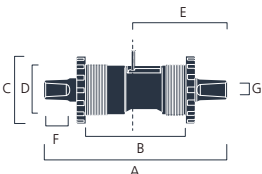
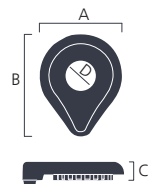
Model No.	BT F781.D720.C
Size	
A (mm)	409
B (mm)	96
C (mm)	89
Removing Type	Down
Specifications	
Nominal Voltage (Vdc)	48
Energy (Wh)	748
Rated Capacity (Ah)	15.6
S / P / CELL	13 / 3 / 21700
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / UL2271



Model No.	BT F381.D720 BT F381.D960
Size	
A (mm)	427
B (mm)	79
C (mm)	96
Removing Type	Down
Specifications	
Nominal Voltage (Vdc)	48
Energy (Wh)	748 / 998
Rated Capacity (Ah)	15.6 / 20.8
S / P / CELL	13 / 3, 4 / 21700
Charger	3A
Tests & Certifications	IP X7 / UN38.3 / MSDS / CE / UL2271

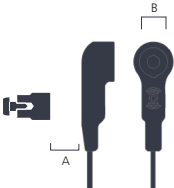
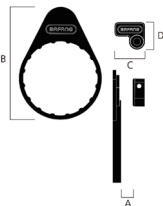
SENSOR



Model No.	SR PA222.32.ST SR PA232.32.ST SR PA242.32.ST SR PA252.32.ST SR PA262.32.ST	SR PA112.32.S SR PA121.32.S SR PA131.32.S SR PA142.32.S	SR PA051.12.S
Size			
A (mm)	176, 148, 160, 186, 196	127, 119, 124, 136.5	43.8
B (mm)	100, 73 / 68, 84, 110, 120	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)	63.5, 50, 55.5, 68.5, 73.5	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	Cadence & Torque	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	CE / UL2849	CE / UL2849

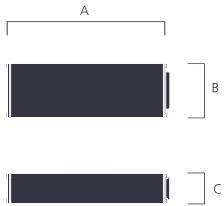
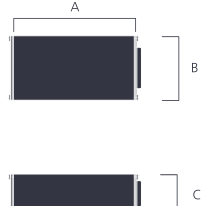
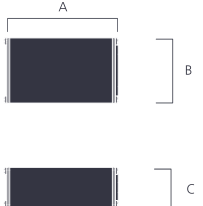
SENSOR



Model No.	SR SD021.01	SR SD071.02	SR S02
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
Size			
A (mm)	152	110	78.5
B (mm)	52	56	47
C (mm)	29	34	29
Core Data			
Nominal Voltage (Vdc)	48 / 52, 48 / 52	36 / 48, 48 / 52	36 / 48, 36 / 48
Low Voltage Protection(Vdc)	41 / 44, 41 / 44	32 / 41, 41 / 44	32 / 41, 32 / 41
Current Limit (A)	25 / 21, 30 / 28	25 / 20, 22 / 20	15 / 12, 18 / 14
Rated Power (W)	750, 1000	500, 750	250, 350
Mounting Parameters			
Com. Protocol	CAN	CAN	CAN
E-Brake	Optional	Optional	Optional
Throttle	Optional	Optional	Optional
Further Specifications			
Walk Assistance (km/h)	4.5	4.5	4.5
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)
Tests & Certifications		IP X6 / CE / UL2849	

* 48V refers to nominal voltage of battery.

ACCESSORIES

CHAINWHEEL



Model No.	CW G532.1A	CW G510.1A	CW G510.1B	CW G522.1A
Core Data				
Suitability	M820	M620	M620	M560 / M510
Teeth Number(XX)	44T	40T , 42T , 44T , 48T , 52T	40T , 42T , 44T , 52T	32T , 40T
Chain Line	49	70	48	53
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	Narrow Wide System	Narrow Wide System
Spider Style	4 (♂ 110)	5 (♂ 130)	5 (♂ 130)	4 (♂ 104)
Chain Guard	N/A	Optional	Optional	N/A



Model No.	CW G522.1C	CW G333.1B	CW G210.1A	CW G210.1B
Core Data				
Suitability	M560 / M510	M410 / M210	M410 / M210	M410 / M210
Teeth Number(XX)	34T	38T	38T , 44T	38T , 44T
Chain Line	53	53	49	45
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	3/32" , 11/128"	1/8" , 3/32" , 11/128"
Spider Style	–	4 (♂ 110)	4 (♂ 104)	4 (♂ 104)
Chain Guard	N/A	N/A	Optional	Optional



Model No.	CW G210.1C	CW PA211.1A	CW PA211.1B
Core Data			
Suitability	M410 / M210	SR PA2XX.32.ST	SR PA2XX.32.ST
Teeth Number(XX)	38T	34T , 36T , 38T , 42T , 44T , 48T	48T , 50T , 52T
Chain Line	48	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")	1/8" , 3/32" , 11/128"	1/8" , 3/32" , 11/128"	1/8" , 3/32" , 11/128"
Spider Style	–	4 (♂ 104)	5 (♂ 130)
Chain Guard	N/A	Optional	Optional

ACCESSORIES

CRANK



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



Model No.	CK ISIS02.170P
Core Data	
Shaft Standard	ISIS
Suitability	M620 (Fat)



Model No.	CK ISIS03.170P
Core Data	
Shaft Standard	ISIS
Suitability	M620 (Cargo)



Model No.	CK BF01.170P
Core Data	
Shaft Standard	BAFANG
Suitability	M560 / M510



Model No.	CK BF02.170P / 165P
Core Data	
Shaft Standard	BAFANG
Suitability	M560 / M510



Model No.	CK JIS04.170P
Core Data	
Shaft Standard	JIS
Suitability	M410 / M210

SPROCKET



Model No.	SW A310.01.A
Core Data	
Suitability	H720 / H710 / H700 / G300A
Teeth Number(XX)	16T, 18T, 20T, 22T
Chain Line(mm)	64(H720) / 63(H710) / 58(H700) / 49(G300A)
Thickness(X/XX")	2.65



Model No.	SW A310.01.B
Core Data	
Suitability	H720 / H710 / H700 / G300A
Teeth Number(XX)	18T, 20T
Chain Line(mm)	61(H720) / 60(H710) / 54.5(H700) / 45.5(G300A)
Thickness(X/XX")	2.65



Model No.	SW A310.01.C
Core Data	
Suitability	H720 / H710 / H700 / G300A
Teeth Number(XX)	16T, 18T, 20T, 22T
Chain Line(mm)	64(H720) / 63(H710) / 58(H700) / 49(G300A)
Thickness(X/XX")	2



Model No.	SW A310.01.D
Core Data	
Suitability	H720 / H710 / H700 / G300A
Teeth Number(XX)	16T, 18T, 20T
Chain Line(mm)	61(H720) / 60(H710) / 54.5(H700) / 45.5(G300A)
Thickness(X/XX")	2



Model No.	SW G3600.01.A
Core Data	
Suitability	H700
Teeth Number(XX)	16T
Chain Line(mm)	54.5
Thickness(X/XX")	2.65



Model No.	SW A510.01.A
Core Data	
Suitability	G500A
Teeth Number(XX)	26T, 30T
Chain Line(mm)	73
Thickness(X/XX")	2.65

ACCESSORIES

MOTOR COVER



Model No.	MD G532.A	MD G510.A	MD G521.B	MD G522.A
Core Data				
Material	PC	PC	PC	PC
Suitability	M820 (FP MMG532.A)	M620	M560 (FP MMG521.B)	M510 (FP MMG521.B)
Color	Black	Black	Black	Black



Model No.	MD G333.B	MD G210.A
Core Data		
Material	PC	PC
Suitability	M410 (FP MMG521.B)	M210
Color	Black	Black

BASH GUARD



Model No.	BG G532.A	BG G521.B	BG G333.B
Core Data			
Material	PC	PC	PC
Suitability	M820	M560 / M510 (FP MMG521.B)	M410 (FP MMG521.B)
Color	Black	Black	Black

ACCESSORIES

THROTTLE



Model No.	TR T01.RL
Mounting Parameters	
Type	Thumb , Right / Left
Holder (mm)	Ø 22.2
Cable Length (mm), Connection Type	500 M3.10
Tests & Certifications	
Waterproof	IP X5
Certifications	Reach / ROHS

FRAME MOUNT



Model No.	FP MMG532.A	FP MMG510.A	FP MMG521.B
Core Data			
Suitability	M820	M620	M560 / M510 / M410



Model No.	FP MMG2300.A
Core Data	
Suitability	M210

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

NOTES