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**ENGINEERED
TO MAKE YOU**

smile

WORKBOOK 2023

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

BAFANG

POWER YOUR LIFE

CONTENT








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BAFANG GO+

SMART CONNECTIVITY



Virtual Display Custom Settings Software Update Control Interface

The upgraded smartphone app provides Bafang system users an all-round interface to enrich the cycling experience, as well as bike configuration and software update via Bluetooth. Meanwhile, the app could connect to Bafang IOT device on the smartphone, which allows users to interact with the drive systems conveniently. BAFANG GO+ for iOS™ and Android™ – right there on your phone.



BAFANG IOT

INTELLIGENT CONTROL



Bafang's eBike IOT device includes innovative functions and intelligent features: 4G communication module, GPS positioning and BLE communication. Alongside these core functions come the possibility of electronic control, remote operation of various applications, anti-theft, navigation, virtual display, social media sharing, remote upgrading, and many more smart functions.

In addition to these benefits, Bafang's IOT system caters for customer-specific functions and demands, as well as common casing development. Together with our partners and customers, we are striving for new milestones in the era of intelligent link of internet-connected applications.

LIGHTEN YOUR LOAD

THE SUPERLIGHT M820 MID MOTOR SYSTEM.



ARE YOU LOOKING FOR A LIGHT MOTOR FOR YOUR EMTB? OUR M820 IS THE ANSWER.

With only 2.3kg, it convinces in all points with 250W rated power and strong 75 Nm (max. torque) for a maximum extended cadence support of 120 rpm. Thanks to its perfectly tuned torque sensor, it can control the exact power according to the pedaling force. The M820 drive system inspires every eMTB rider, regardless of the terrain or climbing situation!



MM G532
250W, 25-45km/h
light weight < 2.3kg
ISIS standard Shaft
75N.m (Max)



DP E181
Bluetooth integrated
Easy to operate



BT F014
Intube
Smart BMS
410Wh

BOOST YOUR RIDE

THE ULTRA STRONG M510 MID MOTOR SYSTEM.



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 15% while the max power output is increased by 20%. Max cadence support is extended up to 120RPM. Thanks to our smart controlling system, smooth start-up, powerful acceleration and continuous max power output of more than 15 minutes are ensured for hard-core climbing.



MM G522
250W, 25-45km/h
light weight < 2.9kg
BAFANG standard Shaft
95N.m (Max)



DP C245
Color display
Easy to operate



BT F010
Full integrated
Smart BMS
630Wh

DRIVE SYSTEMS FOR eMTB



eMTB

Powerful yet quiet, the motor delivers satisfying flow whether you're climbing or descending. Its maximum assistance of up to 140Nm takes the sting out of any ascent and puts a smile on any rider's face.

M820 | LIGHT

➔ PAGE 20



MM G532
250W, 25-45km/h
Light weight < 2.3kg
ISIS standard shaft
75N.m (Max)

DP E181
Bluetooth integrated
Easy to operate

BT F014
Intube
Smart BMS
410Wh

M510 | PERFORMANCE

➔ PAGE 20



MM G522
250W, 25-45km/h
Light weight < 2.9kg
BAFANG standard shaft
95N.m (Max)

DP C245
Color display
Easy to operate

BT F010
Full integrated
Smart BMS
630Wh

M410 | ALL-ROUND

➔ PAGE 21



MM G333
250W, 25-32km/h
JIS standard shaft
80N.m (Max)

DP C010.CB
4" Color display
Bluetooth integrated
3 UI options / 6 language options

BT F010
Full integrated
Smart BMS
630Wh

MOTOR

MID MOTOR ➔ 20
MM G532.250.C
MM G523.750.C
MM G521.500.C
MM G522.250.C
MM G333.250.C

REAR MOTOR ➔ 25
RM G0900.750.DC
RM G040.500.DC
RM G070.500.D

COMPATIBLE COMPONENTS

HMI ➔ 29
DP C010.CB
DP C245.CAN
DP C221.CAN
DP E161.CAN

BATTERY ➔ 33
BT F014.410.C
BT F010.B630
BT F08.600.C

SENSOR ➔ 37
SR PA211.32.ST.C
SR SD021.01
SR SD071.02

CONTROLLER ➔ 40
CR S307.1000.FC
CR X10S.500.FC

DRIVE SYSTEMS FOR eROAD/GRAVEL



eRoad/Gravel

Compact, lightweight and barely noticeable – for many riders this describes their perfect solution. With its M820 drive system Bafang has developed a milestone product in the eRoad sector.

MOTOR	MID MOTOR	↗ 20
	MM G532.250.C	
	REAR MOTOR	↗ 23
	RM G370.250.DC	
COMPATIBLE COMPONENTS	HMI	↗ 30
	DP C263.CAN	
	DP E171.CAN	
	DP E163.CAN	
	BATTERY	↗ 33
	BT F050.B360.C	
	BT F014.410.C	
	SENSOR	↗ 37
	SR PA211.32.ST.C	
	SR SD021.01	
	SR SD071.02	
	CONTROLLER	↗ 40
	CRA101.C	

M820 | PROFESSIONAL

↗ PAGE 20



MM G532
250W, 25-45km/h
Light weight < 2.3kg
ISIS standard shaft
75N.m (Max)



DP C263
Color display
Easy to operate
2 Button options



BT F050
Full integrated
Smart BMS
360Wh



H600 | CROSS

↗ PAGE 25



RM G370
250W, 25-32km/h
Light weight < 2.0kg
30N.m (Max)



DP E163
Easy to operate
Bluetooth integrated
Integrated into frame



BT F014
Intube
Smart BMS
410Wh



DRIVE SYSTEMS FOR eTOUR



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.

MOTOR

- MID MOTOR** ↗ 21
 - MM G332.250.C
 - MM G210.250.C
- FRONT MOTOR** ↗ 23
 - FM G351.250.D
- REAR MOTOR** ↗ 24
 - RM G02A2.350.D
 - RM G0210.350.DC
 - RM G0100.250.DC

COMPATIBLE COMPONENTS

- GEAR HUB** ↗ 28
 - RG A310.S.D
- HMI** ↗ 29
 - DP C010.CB
 - DP C271.CAN
 - DP C221.CAN
 - DP E160.CAN

- BATTERY** ↗ 33
 - BT F010.B630.C
 - BT F020.B504.C
 - BT F08.600.C
 - BT C01.750.UC

- SENSOR** ↗ 37
 - SR PA211.32.ST.C
 - SR PA162.32.S
 - SR SD021.01

- CONTROLLER** ↗ 40
 - CR A101.C
 - CR S10F.350.FC
 - CR X10S.500.FC

M420 | TRAVEL

↗ PAGE 21

-  **MM G332**
250W, 25-32km/h
BAFANG standard shaft
80N.m (Max)
-  **DP C010.CB**
4" Color display
Bluetooth integrated
3 UI options / 6 language options
-  **BT F010**
Full integrated
Smart BMS
630Wh



H405 | TOUR

↗ PAGE 27

-  **RM G0210**
25-32km/h
45N.m (Max)
-  **DP C221**
Easy to operate
2" LCD screen
Bluetooth integrated
-  **BT F020**
Full integrated
Smart BMS
504Wh



DRIVE SYSTEMS FOR eCITY







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.

M200 | COMFORT

➤ PAGE 21






-  **MM G210**
250W, 25-32km/h
65N.m (Max)
-  **RG A310.S.D**
3 speed auto shift
-  **DP C271**
Color display
Bluetooth integrated
3 UI options/6 language options
-  **BT F020**
Full integrated
Smart BMS
504Wh

H700 | CLEAN

➤ PAGE 24






-  **RM G3600.250.A2.D**
250W, 25-32km/h
Auto dual speed shift
Chain/belt optional
45N.m (Max)
-  **DPE171**
One button display
Integrated on frame
Bluetooth optional
-  **BT F014**
Intube
Smart BMS
410Wh

H410 | COMPACT

➤ PAGE 23



-  **FM 351**
250W, 25-32km/h
Light weight < 2.2kg
30N.m (Max)
-  **DPE161**
Easy to operate
Bluetooth optional
-  **BT C01**
Racktype
Smart BMS
450Wh

MOTOR

- MID MOTOR** ➤ 21
 - MM G332.250.C
 - MM G210.250.C
- FRONT MOTOR** ➤ 23
 - FM G351.250.D
 - FM G312.250.D
- REAR MOTOR** ➤ 24
 - RM G02A2.250.D
 - RM G3600.250.A2.D
 - RM G370.250.DC
 - RM G0100.250.D/DC

COMPATIBLE COMPONENTS

- GEAR HUB** ➤ 28
 - RG A310.S.D
- HMI** ➤ 29
 - DP C010.CB
 - DP C221.CAN
 - DP E161.CAN
 - DP E171.CAN
- BATTERY** ➤ 33
 - BT F020.B504.C
 - BT F014.410.C
 - BT F07.450.C
 - BT C01.450.UC
- SENSOR** ➤ 37
 - SR PA211.32.ST.C
 - SR PA162.32.S
 - SR SD021.01
- CONTROLLER** ➤ 40
 - CR A101.C
 - CR S10F.350.FC
 - CR X10S.500.FC

DRIVE SYSTEMS FOR eCARGO



eCargo

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

MOTOR

MID MOTOR ↗ 20
MM G510.750/1000.C
MM G332.250.C
MM G333.250.C

REAR MOTOR ↗ 26
RM G0F2.750.D/DC
RM G0F4.1000.D/DC
RM G062.250/500/750.D/DC
RM G063.1000.D/DC

COMPATIBLE COMPONENTS

HMI ↗ 29
DP C010.CB
DP C271.CAN
DP C244.CAN

BATTERY ↗ 33
BT F08.600.C
BT F22.960.C

SENSOR ↗ 37
SR PA211.32.ST.C
SR SD021.01

CONTROLLER ↗ 40
CR S307.1000.FC
CR C101.C
CR X10S.500.FC

M620 | HEAVY WEIGHT

↗ PAGE 20

MM G510
750/1000W
ISIS standard shaft
160N.m (Max)

DP C244
Color display
Easy to operate

BT F22
Semi integrated
Smart BMS
960Wh



M410 | LIGHT WEIGHT

↗ PAGE 21

MM G333
250W, 25-32km/h
JIS standard shaft
80N.m (Max)

DP C271
Color display
Bluetooth integrated
3 UI options/6 language options

BT F08
Semi integrated
Smart BMS
600Wh



DRIVE SYSTEMS FOR eFAT



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.

MOTOR

MID MOTOR ↗ 20
MM G510.750/1000.C
MM G521.500.C
MM G522.250.C

REAR MOTOR ↗ 26
RM G0F2.750.D/DC
RM G0F4.1000.D/DC
RM G062.250/500/750.D/DC
RM G063.1000.D/DC

COMPATIBLE COMPONENTS

GEAR HUB ↗ 28
RG A510.S.D





HMI ↗ 29
DP C010.CB
DP C271.CAN

BATTERY ↗ 35
BT F38.960.C
BT F23.720.C

CONTROLLER ↗ 40
CR S307.1000.FC
CR C101.C

M620 | EFFICIENT




↗ PAGE 20

-  **MM G510**
750/1000W
ISIS standard shaft
160N.m (Max)
-  **RG A510.S.D**
5 speed auto shift
-  **DP C010.CB**
4" Color display
Bluetooth integrated
3 UI options / 6 language options
-  **BT F38**
Full integrated
Smart BMS
960Wh



H550/H550W | STABLE

↗ PAGE 26

-  **RM G062 , RM G0F2**
750/1000W
80/95N.m (Max)
-  **DP C271**
Color display
Bluetooth integrated
3 UI options/6 language options
-  **BT F23**
Semi integrated / Ontube
Smart BMS
720Wh



MOTOR



	M820	M620	M600	M510
Position	Mid Motor	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G532.250.C	MM G510.750.C MM G510.1000.C	MM G521.500.C	MM G522.250.C
Usage	eRoad , eGravel , eMTB	eSpeed , eCargo , eFat	eSpeed , eMTB , eCargo	eMTB
Components				
HMI	DP C263.CAN DP E181.CAN	DP C010.CB DP C244.CAN	DP C241.CAN	DP C244.CAN DP C245.CAN
Battery	BT F050.B360.C BT F014.410.C	BT F38.960.0 BT F22.960.C	BT F311.840.0	BT F010.B630.C
Dimensions/ Size				
A (mm)	167	235	197	197
B (mm)	117	138	125	125
C (mm)	147.6	150	154.8	154.8
Core Data				
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29	20 - 29
Nominal Voltage (Vdc)	36 / 43	48 / 52	36 / 43 / 48	36 / 43 / 48
Rated Power (W)	250	750 , 1000	500	250
Speed Limit (km/h)	25 / 32 / 45	25 / 32 / 45	32 / 45	25 / 32 / 45
Max Effective Torque* (N.m)	75	160	120	95
Peak Torque (N.m)	95	200	140	130
Pedal Sensor	Cadence & Torque	Cadence & Torque	Cadence & Torque	Cadence & Torque
Shaft Standard	ISIS	ISIS	BAFANG	BAFANG
Color	Black	Black	Black	Black
Weight (kg)	2.3	6.7	3.9	2.9
Function				
Smart mode**	Yes	NA	NA	Yes
E-Brake	Optional	Optional	Optional	Optional
Throttle	NA	Optional	Optional	NA
Light Drive Capacity (Vdc/W)	12 / 6(max)	12 / 12(max)	12 / 6(max)	12 / 6(max)
Chain Guide	NA	NA	6 bolt	ISCG05
Tests & Certifications	IP X6 CE / EN 14766 / ROHS	IP X5 CE / EN 14766 / ROHS	IP X5 CE / EN 14766 / ROHS	IP X6 CE / EN 14766 / ROHS

* Max torque while riding.
** Change assist level automatically according to rider's output.

MOTOR



	M420	M410	M200
Position	Mid Motor	Mid Motor	Mid Motor
Model No.	MM G332.250.C	MM G333.250.C	MM G210.250.C
Usage	eCity , eTour	eMTB , eCargo	eCity , eTour
Components			
HMI	DP C010.CB	DP C010.CB DP C271.CAN	DP C271.CAN
Battery	BT F07.450.C BT F010.B630.C	BT F08.600.C BT F010.B630.C	BT F020.B504.C BT F021.B504.C
Dimensions/ Size			
A (mm)	202	197	206
B (mm)	123	125	145
C (mm)	154.8	153	150
Core Data			
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43
Rated Power (W)	250	250	250
Speed Limit (km/h)	25 / 32	25 / 32	25 / 32
Max Effective Torque* (N.m)	80	80	65
Peak Torque (N.m)	100	100	90
Pedal Sensor	Cadence & Torque	Cadence & Torque	Cadence & Torque
Shaft Standard	BAFANG	JIS	JIS
Color	Black	Black	Black
Weight (kg)	3.6	3.4	3.2
Function			
Smart mode**	NA	NA	NA
E-Brake	Optional	Optional	Optional
Throttle	NA	NA	NA
Light Drive Capacity (Vdc/W)	6 / 3(max)	12 / 6(max)	12 / 6(max)
Chain Guide	6 bolt	ISCG05	6 bolt
Tests & Certifications	IP X5 CE / EN 14766 / ROHS	IP X6 CE / EN 14766 / ROHS	IP X5 CE / EN 14766 / ROHS

* Max torque while riding.
** Change assist level automatically according to rider's output.

MOTOR



M615

Position	Mid Motor
Model No.	MM G320.750.C MM G320.1000.C
Usage	eSpeed , eCargo
Components	
HMI	DP C010.CB
Battery	BT F22.960.C

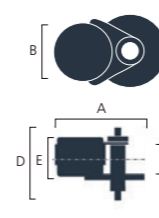
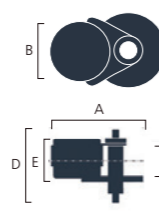
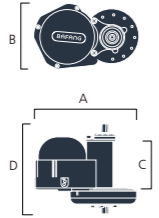
M315

Position	Mid Motor
Model No.	MM G340.500.C
Usage	eCity , eTour
Components	
HMI	DP C270.CAN
Battery	BT F08.600.C

M215

Position	Mid Motor
Model No.	MM G340.250.C
Usage	eCity, eTour
Components	
HMI	DP C220.CAN
Battery	BT F07.450.C

Dimensions/ Size



A (mm)	215	200	200
B (mm)	123	112	112
C (mm)	68 / 73 / 83 / 90 / 100 / 110 / 120	68	68
D (mm)	175 / 175 / 175 / 180 / 190 / 200 / 210	159	159
E (mm)	88 / 90 / 96 / 99 / 103 / 108 / 113	93.5	87.5
Core Data			
Wheel Size (Inch)	20 - 29	20 - 29	20 - 29
Nominal Voltage (Vdc)	48	36 / 48	36 / 48
Rated Power (W)	750 , 1000	500	250
Speed Limit (km/h)	25 / 32 / 45	25 / 32	25 / 32
Max Effective Torque* (N.m)	160	100	80
Peak Torque (N.m)	200	160	110
Pedal Sensor	Speed	Speed	Speed
Shaft Standard	JIS	JIS	JIS
Color	Black	Black	Black
Weight (kg)	5.6	4.3	3.8
Function			
Smart mode**	NA	NA	NA
E-Brake	Optional	Optional	Optional
Throttle	Optional	Optional	Optional
Light Drive Capacity (Vdc/W)	6 / 3(max)	6 / 3(max)	6 / 3(max)
Chain Guide	NA	NA	NA
Tests & Certifications	IP X5 CE / EN 14764 / ROHS	IP X5 CE / EN 14764 / ROHS	IP X5 CE / EN 14764 / ROHS

MOTOR



H600

Position	Front Motor
Model No.	FM G370.250.D/V
Usage	eCity
Size	
A (mm)	45
B (mm)	91
C (mm)	44
D (mm)	10.5
E (mm)	2.6
OLD (mm)	100

H410

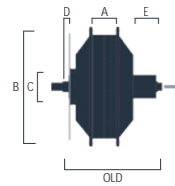
Position	Front Motor
Model No.	FM G351.250.D/V
Usage	eCity
Size	
A (mm)	41.2
B (mm)	114
C (mm)	44
D (mm)	10.5
E (mm)	6.25
OLD (mm)	100

H400

Position	Front Motor
Model No.	FM G312.250.D/V
Usage	eCity
Size	
A (mm)	37
B (mm)	121
C (mm)	44
D (mm)	10.5
E (mm)	4.7
OLD (mm)	100

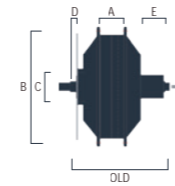
Core Data			
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	26 / 700C / 28
Nominal Voltage (Vdc)	36 / 43	36 / 43	36 / 43
Rated Power (W)	250	250	250
Max Speed (km/h)	25 / 32	25 / 32	25 / 32
Max Torque (N.m)	30	30	45
Color	Silver / Black	Black / Silver	Silver / Black
Weight (kg)	1.7	2.2	2.4
Mounting Parameters			
Brake	Disc-Brake , V-Brake	Disc-Brake , V-Brake	Disc-Brake , V-Brake
Cabling Route	Shaft Side_Left	Shaft Side_Right	Shaft Side_Right
Cable Length(mm), Connection Type	250 G9.1	250 G9.1	250 G9.1
Spoke Specification	36H*13G	36H*13G	36H*13G
Throttle	NA	NA	NA
Tests & Certifications	IP X5 ROHS / CE	IP X5 ROHS / CE	IP X6 ROHS / CE

MOTOR



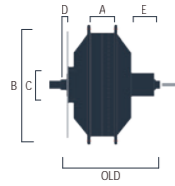
	H720	H710	H700
Position	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G06A2.250.D RM G06A2.500.D RM G06A2.750.D RM G06A2.1000.D	RM G02A2.250.D RM G02A2.350.D RM G02A2.500.D	RM G3600.250.A2.D
Usage	eFat	eCity, eTour	eCity
Size			
A (mm)	68	45	45
B (mm)	145	145	123
C (mm)	44	44	44
D (mm)	15.25	15.25	15.25
E (mm)	26	7.5	10
OLD (mm)	175	138	138
Core Data			
Wheel Size (Inch)	20 / 26	26 / 700C / 28	26 / 700C / 28
Nominal Voltage (Vdc)	48, 48 / 52, 48 / 52, 48 / 52	36 / 43, 36 / 43 / 48, 48	36 / 43
Rated Power (W)	250, 500, 750, 1000	250, 350, 500	250
Max Speed (km/h)	25 / 32, 25 - 35, 45, 45 - 50	25 / 32, 25 / 32, 25 - 35	25 / 32
Max Torque (N.m)	55, 65, 80, 95	45, 50, 55	45
Color	Black	Black	Black
Weight (kg)	4.8, 5.1, 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 G9.14.2, 250 G11.6, 250 G11.6	250 G9.1	250 G9.1
Spoke Specification	36H*12G	36H*13G	36H*13G
Sprocket Wheel	Single - 16T / 18T	Single - 16T / 18T	Single - 16T / 18T
Throttle	Optional	Optional	NA
Special Function	Automatic Dual Speed	Automatic Dual Speed	Automatic Dual Speed
Tests & Certifications	IP X5 ROHS / CE	IP X5 ROHS / CE	IP X5 ROHS / CE

MOTOR



	H640	H620	H610	H600
Position	Rear Motor	Rear Motor	Rear Motor	Rear Motor
Model No.	RM G0900.750.D/DC RM G0900.750.C.DC	RM G040.350.DC RM G040.500.DC	RM G070.350.D RM G070.500.D	RM G370.250.DC
Usage	eMTB, eCargo, eSpeed	eMTB, eSpeed	eMTB, eSpeed, eCargo	eRoad, eCity
Size				
A (mm)	32	32	35.5	44
B (mm)	183	164	168	93
C (mm)	44	44	44	44
D (mm)	15.25	15	14.5	15.25
E (mm)	40.75	41.9	42	39.5
OLD (mm)	138	138	138	148
Core Data				
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28	20 / 26 / 700C / 28	26 / 700C / 28
Nominal Voltage (Vdc)	43 / 48 / 52	36 / 43 / 48	36 / 43 / 48	36 / 43
Rated Power (W)	750	350, 500	350, 500	250
Max Speed (km/h)	32 - 45	25 - 40	25 - 40	25 / 32
Max Torque (N.m)	80	60	65	30
Color	Black	Black	Black	Black
Weight (kg)	5.6	4.2	4.5	2.0
Mounting Parameters				
Brake	Disc-Brake	Disc-Brake	Disc-Brake	Disc-Brake
Cabling Route	Shaft Side_Left	Through Shaft_Right	Through Shaft_Right	Shaft Side_Left
Cable Length (mm), Connection Type	250 G11.6	250 G9.1	250 G9.1	250 G9.1
Spoke Specification	36H*12G	36H*12G	36H*12G	36H*13G
Sprocket Wheel	8 - 10	8 - 10	6 - 8	11-12
Throttle	Optional	Optional	Optional	NA
Special Function	Cadence sensor integrated (RM G0900.750.C.DC)	-	-	-
Tests & Certifications	IP X6 ROHS / CE	IP X5 ROHS / CE	IP X5 ROHS / CE	IP X6 ROHS / CE

MOTOR



H550

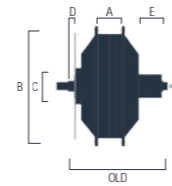
Position	Rear Motor
Model No.	RM G062.250.D/DC RM G062.500.D/DC RM G062.750.D/DC RM G063.1000.D/DC
Usage	eFat , eCargo
Size	
A (mm)	68
B (mm)	145
C (mm)	44
D (mm)	15.25
E (mm)	42.7
OLD (mm)	175
Core Data	
Wheel Size (Inch)	20 / 26
Nominal Voltage (Vdc)	48 , 48 / 52 , 48 / 52 , 48 / 52
Rated Power (W)	250 , 500 , 750 , 1000
Max Speed (km/h)	25 / 32 , 25 - 35 , 45 , 45 - 50
Max Torque (N.m)	55 , 65 , 80 , 95
Color	Black
Weight (kg)	4.2 , 4.5 , 4.9 , 4.9
Mounting Parameters	
Brake	Disc-Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G10.3 , 250 G11.6
Spoke Specification	36H*12G
Sprocket Wheel	6 - 8 , 8 - 10
Throttle	Optional
Tests & Certifications	IP X5 ROHS / CE



H550W

Position	Rear Motor
Model No.	RM G0F2.750.D/DC RM G0F4.1000.D/DC
Usage	eFat , eCargo
Size*	
A (mm)	74
B (mm)	422
C (mm)	44
D (mm)	15.25
E (mm)	43.5
OLD (mm)	175
Core Data	
Wheel Size (Inch)	20 (Tire 4.0")
Nominal Voltage (Vdc)	48 / 52 , 48 / 52
Rated Power (W)	750 , 1000
Max Speed (km/h)	45 , 45 - 50
Max Torque (N.m)	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 Wheel	6 - 8 , 8 - 10
Throttle	Optional
Tests & Certifications	IP X5 ROHS / CE

MOTOR



H405

Position	Rear Motor
Model No.	RM G0210.350.D/DC
Usage	eCity , eTour , eMTB
Size	
A (mm)	42.5
B (mm)	145
C (mm)	44
D (mm)	15.25
E (mm)	41.8
OLD (mm)	138
Core Data	
Wheel Size (Inch)	26 / 700C / 28
Nominal Voltage (Vdc)	36 / 43 , 36 / 43 / 48 , 48
Rated Power (W)	250 , 350 , 500
Max Speed (km/h)	25 / 32 , 25 / 32 , 25 - 35
Max Torque (N.m)	45 , 50 , 55
Color	Black
Weight (kg)	3.3
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket Wheel	6 - 8 , 8 - 10
Throttle	Optional
Tests & Certifications	IP X5 ROHS / CE

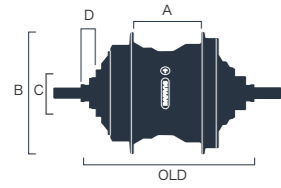
H310

Position	Rear Motor
Model No.	RM G050.250.D
Usage	eCity
Size	
A (mm)	35
B (mm)	93
C (mm)	44
D (mm)	15.25
E (mm)	14.15
OLD (mm)	113
Core Data	
Wheel Size (Inch)	16 / 20
Nominal Voltage (Vdc)	36 / 43
Rated Power (W)	250
Max Speed (km/h)	25
Max Torque (N.m)	18
Color	Black
Weight (kg)	1.9
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Right
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket Wheel	Single - 13T
Throttle	NA
Tests & Certifications	IP X5 ROHS / CE

H305

Position	Rear Motor
Model No.	RM G0100.250.D/DC
Usage	eCity , eTour
Size	
A (mm)	39
B (mm)	122
C (mm)	44
D (mm)	15.25
E (mm)	42
OLD (mm)	135
Core Data	
Wheel Size (Inch)	20 / 26 / 700C / 28
Nominal Voltage (Vdc)	36 / 43
Rated Power (W)	250
Max Speed (km/h)	25 / 32
Max Torque (N.m)	35
Color	Black
Weight (kg)	3.0
Mounting Parameters	
Brake	Disc Brake
Cabling Route	Shaft Side_Left
Cable Length(mm), Connection Type	250 G9.1
Spoke Specification	36H*13G
Sprocket Wheel	6 - 8 , 8 - 10
Throttle	NA
Tests & Certifications	IP X5 ROHS / CE

GEAR HUB



Model No.	RG A310.S.D	RG A510.S.D
Position	Rear Wheel	Rear Wheel
Usage	eCity / eTour	eFat
Size		
A (mm)	50	68
B (mm)	87	110
C (mm)	44	44
D (mm)	15.25	15.25
OLD (mm)	135	175
Core Data		
Gearshift Method	Auto	Auto
Gear No.	3	5
Reduction ratio	1 : 1.362 : 1.651	1 : 1.333 : 1.777 : 2.368 : 3.157
Wheel Size (Inch)	26 / 700C / 28	26 / 700C / 28
Color	Silver / Black	Silver / Black
Weight (kg)	1.7	3.7
Mounting Parameters		
Brake	Disc-Brake	Disc-Brake
Wheel Speed Sensor	Optional	Optional
Cabling Route	Shaft Side_Left	Shaft Side_Left
Cable Length(mm), Connection Type	550 G4.3	550 G4.3
Spoke Specification	36H*13G	36H*12G
Sprocket Wheel	Single - 16T / 18T , Belt	Single - 16T / 18T
Tests & Certifications	Waterproof: IP X5	Certifications: ROHS / CE

HMI



Model No.	DP C010.C DP C010.CB	DP C270.CAN DP C271.CAN	DP C262.CAN DP C263.CAN
Dimensions/ Size			
A (mm)	59.5	76	50.3
B (mm)	98.8	90.3	79.2
C (mm)	67	51 - 84.5	-
D (mm)	Ø 35	Ø 31.8	-
E (mm)	51.8	43.2	37.5
F (mm)	86.3	57.6	49.7
G (mm)	4.0"	2.8"	2.4"
Core Data			
Display Type	TFT	TFT	TFT
Nominal Voltage (Vdc)	36 / 43 / 48 / 52	36 / 43 / 48 / 52	36 / 43 / 48 / 52
Support Modes	4 modes / 6 modes	0 - 5	0 - 3 / 0 - 5
Mounting Parameters			
Holder Diameter (mm)	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	0 G5.4	230 G5.4 / 850 G5.4
Control Unit Cable (mm)	300 / 250	300 / 250	300 / 350
Functions			
ON/OFF	●	●	●
Mode	●	●	●
Light Control	Auto	Auto	×
Walk Assistance	●	●	●
Bluetooth 5.0	× ●	× ●	× ●
USB Charge	5V 500mA (Type C)	5V 500mA (Type A)	×
Clock	●	●	×
Setting	●	●	●
Indications			
Speed	●	●	●
Trip Distance	●	●	●
Capacity	●	●	●
Error Code	●	●	●
Power	●	●	●
UI Options	3	3	1
Languages	EN / DE / NL / FR / IT / CZ	EN / DE / NL / FR / IT / CZ	EN
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS		

● Standard Configuration × Not Available

HMI



Model No.	DP C244.CAN DP C245.CAN	DP C240.CAN DP C241.CAN	DP C230.CAN DP C231.CAN
Dimensions/ Size			
A (mm)	57	57.2	44
B (mm)	73.3	81	86
C (mm)	43.5	36	47
D (mm)	Ø 35	Ø 31.8	Ø 22.2
E (mm)	42.7	39	29
F (mm)	22.7	25.4	37
G (mm)	1.9"	2"	2"
Core Data			
Display Type	TFT	LCD Matrix	LCD Matrix
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48 / 52	36 / 43 / 48
Support Modes	4 modes / 6 modes	0 - 3 / 0 - 5	0 - 5
Mounting Parameters			
Holder Diameter (mm)	Ø 25.4 / 31.8 / 35	Ø 22.2 / 25.4 / 31.8	Ø 22.2
Cable Length (mm), Connector Type	0 G5.4	0 G5.4	230 G5.4 / 850 G5.4
Control Unit Cable (mm)	300 / 350	300 / 350	-
Functions			
ON/OFF	●	●	●
Mode	●	●	●
Light Control	Auto	Auto	Auto
Walk Assistance	●	●	●
Bluetooth 5.0	✕ ●	✕ ●	✕ ●
USB Charge	5V 500mA (Type C)	5V 500mA (Type A)	5V 500mA (Type A)
Clock	✕	✕	✕
Setting	●	●	●
Indications			
Speed	●	●	●
Trip Distance	●	●	●
Capacity	●	●	●
Error Code	●	●	●
Power	●	●	●
UI Options	1	1	1
Languages	EN	EN	EN
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS		

● Standard Configuration ✕ Not Available

HMI



Model No.	DP C220.CAN DP C221.CAN	DP C10.CAN DP C171.CAN	DP E162.CAN DP E163.CAN
Dimensions/ Size			
A (mm)	74	60	24.5
B (mm)	59	100	24.4
C (mm)	51	82	33
D (mm)	Ø 22.2	Ø 31.8	-
E (mm)	46	46	-
F (mm)	24	81	-
G (mm)	2"	3.6"	-
Core Data			
Display Type	LCD Matrix	LCD Segment	LED
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48
Support Modes	0 - 3 / 0 - 5	0 - 5	0 - 3
Mounting Parameters			
Holder Diameter (mm)	Ø 22.2	Ø 22.2 / 31.8	-
Cable Length (mm), Connector Type	230 G5.4 / 850 G5.4	230 G5.4 / 850 G5.4	230 G5.4.2 / 850 G5.4.2
Control Unit Cable (mm)	-	300 / 250	-
Functions			
ON/OFF	●	●	●
Mode	●	●	●
Light Control	Manual	Auto	Auto
Walk Assistance	●	●	✕
Bluetooth 5.0	✕ ●	✕ ●	✕ ●
USB Charge	✕	5V 500mA (Type A)	✕
Clock	✕	✕	✕
Setting	●	●	✕
Indications			
Speed	●	●	●
Trip Distance	●	●	✕
Capacity	●	●	●
Error Code	●	●	●
Power	●	●	✕
UI Options	1	1	✕
Languages	EN	EN	-
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS		

● Standard Configuration ✕ Not Available

HMI



Model No.	DP E160.CAN DP E161.CAN	DP E180.CAN DP E181.CAN	DP E170.CAN DP E171.CAN
Dimensions/ Size			
A (mm)	23	51	30
B (mm)	45.2	31.5	46
C (mm)	49.3	52.2	39.4
D (mm)	Ø 22.2	Ø 22.2	18
E (mm)	-	-	29.55
Core Data			
Display Type	LED	LED	LED
Nominal Voltage (Vdc)	36 / 43 / 48	36 / 43 / 48	36 / 43 / 48
Support Modes	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 / 850 G5.4
Control Unit Cable (mm)	-	-	-
Functions			
ON/OFF	●	●	●
Mode	●	●	●
Light Control	Auto	Auto	Manual
Walk Assistance	●	●	×
Bluetooth 5.0	× ●	× ●	× ●
USB Charge	×	×	×
Clock	×	×	×
Setting	×	×	×
Indications			
Speed	●	×	×
Trip Distance	×	×	×
Capacity	●	●	●
Error Code	●	●	●
Power	×	×	×
UI Options	×	×	×
Languages	-	-	-
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / REACH / ROHS		

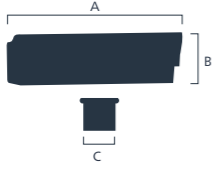
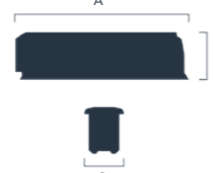
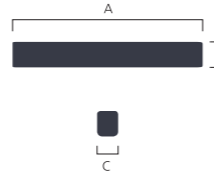
BATTERY



Model No.	BT F050.B360.C	BT F020.B504.C BT F021.B504.C	BT F010.B630.C BT F010.D672.C	BT F15.655.C BT F15.730.C BT F39.614.0 BT F311.840.0
Components				
Charger - Charge port	2A / 3A - DC2.1	2A / 3A - DC2.1	2A / 3A - DC2.1	2A / 3A - DC2.1
Lock	BAFANG	BAFANG	BAFANG	BAFANG
Dimensions/ Size				
A (mm)	459	434	398	441.7
B (mm)	57	67	74	97.6
C (mm)	60	74	83	90
Specifications				
Nominal Voltage (Vdc)	36	36	36, 48	36, 36, 48, 48
Energy (Wh)	360	504	630, 672	655, 730, 614, 840
Rated Capacity (Ah)	10	14	17.5, 14	18.2, 20.3, 12.8, 17.5
Com. Protocol	CAN	CAN	CAN	CAN, CAN, /, /
Smart BMS	Yes	Yes	Yes	Yes, Yes, /, /
Voltage Scope (V)	27.5 - 42	27.5 - 42	27.5 - 42, 35.75 - 54.6	27.5 - 42, 27.5 - 42, 35.75 - 54.6, 35.75 - 54.6
Charging time	6h (2A) 4.5h (3A)	8h (2A) 5.5h (3A)	10h, - (2A) 7h, 5.7h (3A)	10h, 11h, -, - (2A) 7h, 8h, 5.3h, 7h (3A)
Max Continuous Discharge Current(A)	18	23	30	23
Operation Temperature				
Charge	0 - 45 °C	0 - 45 °C	0 - 45 °C	0 - 45 °C
Discharge	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Storage (At 35% SOC & -10~35 °C)	Max 6 Months	Max 6 Months	Max 6 Months	Max 6 Months
Matching Parameter				
Weight (kg)	2.2	2.9	3.6, 3.8	4.5, 4.5, 3.6, 4.3
Mounting type	Full Integrated	Full Integrated	Full Integrated	Full Integrated
Removing type	Up	Up, Down	Up	Down
Tests & Certifications	CB, CE, UN38.3, ISO 13849	CB, CE, UN38.3, ISO 13849	CB, CE, UN38.3, ISO 13849	CB, CE, UN38.3, ISO 13849



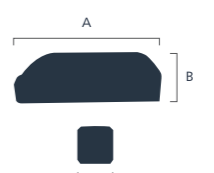
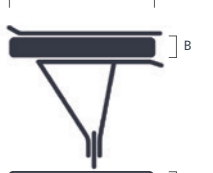
BATTERY



Model No.	BT F120.B720 BT F120.D720	BT F38.960.0	BT F100.B360.C BT F014.410.C
Components			
Charger - Charge port	2A / 3A - DC2.1	3A - DC2.1	2A / 3A - BAFANG
Lock	BAFANG	BAFANG	-
Dimensions/ Size			
A (mm)	358	425	397 , 470
B (mm)	80	116	52
C (mm)	92	97	63
Specifications			
Nominal Voltage (Vdc)	36 , 48	48	36 , 43
Energy (Wh)	720 , 720	960	360 , 410
Rated Capacity (Ah)	20 , 15	20	9.5 , 9.5
Com. Protocol	-	-	CAN
Smart BMS	-	-	Yes
Voltage Scope (V)	27.5 - 42 , 35.75 - 54.6	35.75 - 54.6	27.5 - 41 , 32.4 - 49.2
Charging time	11h , - (2A) 8h , 6h (3A)	8h (3A)	6h , 6h (2A) 4.5h , 4.5h (3A)
Max Continuous Discharge Current(A)	30	30	18
Operation Temperature			
Charge	0 - 45 °C	0 - 45 °C	0 - 45 °C
Discharge	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Storage (At 35% SOC &-10~35 °C)	Max 6 Months	Max 6 Months	Max 6 Months
Matching Parameter			
Weight (kg)	3.8	4.8	2.3 , 2.6
Mounting type	Full Integrated	Full Integrated	Intube
Removing type	Up	Up	Bottom
Tests & Certifications	CE , UN38.3	UN38.3 , MSDS	CB , CE , UN38.3 , ISO 13849

BATTERY



Model No.	BT F14.430.0 BT F35.620.0	BT F07.450.C BT F08.600.C	BT F23.720.C BT F22.960.C	BT C01.498.UC BT C01.623.UC BT C01.750.UC
Components				
Charger - Charge port	2A / 3A - DC2.1	2A / 3A - BAFANG	4A - BAFANG	2A / 3A - BAFANG
Lock	BAFANG	AXA / BAFANG	BAFANG	AXA / BAFANG
Dimensions/ Size				
A (mm)	367	334	334	408
B (mm)	90	78 , 89	78 , 89	70
C (mm)	93	92	92	123
Specifications				
Nominal Voltage (Vdc)	36 , 48	43	50.4	43
Energy (Wh)	430 , 620	450 , 600	720 , 960	498 , 623 , 750
Rated Capacity (Ah)	13 , 14	10.5 , 14	14.3 , 19	11.6 , 14.5 , 17.5
Com. Protocol	-	CAN	CAN	CAN & UART
Smart BMS	-	Yes	Yes	Yes
Voltage Scope (V)	27.5 - 42 , 35.75 - 54.6	32.4 - 49.2	38.5 - 58.8	32.4 - 49.2
Charging time	7.5h , - (2A) 5.5h , 5.7h (3A)	6.5h , 8.5h (2A) 4.5h , 5.5h (3A)	5h , 6h (4A)	6.8h , 8.5h , 10h (2A) 5h , 5.5h , 6.5h (3A)
Max Continuous Discharge Current(A)	23	24	24	18 , 24 , 24
Operation Temperature				
Charge	0 - 45 °C	0 - 45 °C	0 - 45 °C	0 - 45 °C
Discharge	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C	-20 - 60 °C
Storage (At 35% SOC &-10~35 °C)	Max 6 Months	Max 6 Months	Max 6 Months	6 Months , 6 Months , 12 Month
Matching Parameter				
Weight (kg)	3.5 , 3.6	2.8 , 3.5	3.7 , 4.6	3.5 , 4 , 4
Mounting type	Semi integrated	Semi Integrated	Semi Integrated / Ontube	Rear Carrier
Removing type	Side Left	Side_Left	Side_Left	Rear
Tests & Certifications	CE , UN38.3 , UL2271	CB , CE , UN38.3 , ISO 13849	CB , CE , UN38.3 , ISO 13849 , UL2271 , E - Mark , MSDS	CB , CE , UN38.3 , ISO 13849

BATTERY

CHARGER



Model No.	BC 00201	BC 00301
Core Data		
DC Output	49.2V ~ 2A	49.2V ~ 3A
Input Voltage (Vac)	100 - 240	100 - 240
Connector Type (Country)	EU / USA / UK / AUS / JP / CHE	EU / USA / UK / AUS
Certification	CE / GS / PSE	



Model No.	BC B201	BC B301
Core Data		
DC Output	42V ~ 2A	42V ~ 3A
Input Voltage (Vac)	100 - 240	100 - 240
Connector Type (Country)	EU / USA / UK / AUS	EU / USA / UK / AUS
Certification	CE / GS / PSE	



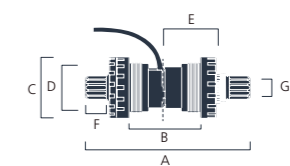
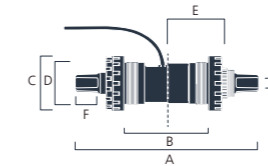
Model No.	BC D301	BC E401
Core Data		
DC Output	54.6V ~ 3A	58.8V ~ 4A
Input Voltage (Vac)	100 - 240	100 - 240
Connector Type (Country)	EU / USA / UK / AUS / JP	EU / USA / UK / AUS / JP
Certification	CE / GS / PSE	

SENSOR



Model No.	SR PA211.32.ST.C SR PA221.32.ST.C SR PA231.32.ST.C SR PA241.32.ST.C SR PA251.32.ST.C SR PA261.32.ST.C	SR PA310.32.ST
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Dimensions/Size



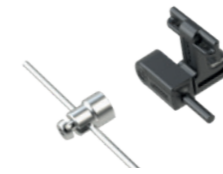
A (mm)	148, 167, 148, 160, 187, 200	155
B (mm)	68, 100, 73, 84, 110, 120	68
C (mm)	2-Ø 44	2-Ø 58
D (mm)	2-BC1.37"*24T	T47
E (mm)	47.5, 63.5, 50, 55.5, 68.5, 73.5	47.5
F (mm)	2-17, 2-17, 2-17, 2-17, 2-15, 2-17	2-13
G (mm)	2-M8*P1*25	2-M15*P1*13
Core Data		
Type	Cadence & Torque	Cadence & Torque
Signals (Pulses/Cycle)	32	32
Shaft Standard	JIS	ISIS
Mounting Parameters		
Mounting Position	Bottom Bracket	Bottom Bracket
Cap Material	Aluminum	Aluminum
Cable Length (mm), Connector Type	150 G6.5.5 / 950 G6.5.5	150 G6.5.5 / 950 G6.5.5
Tests & Certifications	Waterproof: IP X5 Certifications: EN 15194 / EN 14764 / ROHS	

SENSOR



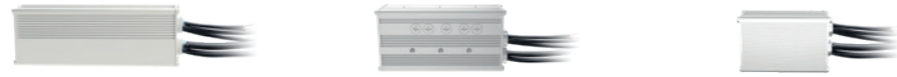
Model No.	SR PA112.32.S SR PA121.32.S SR PA131.32.S SR PA142.32.S	SR PA162.32.S SR PA152.32.S	SR PA051.12.S
Dimensions/Size			
A (mm)	127, 119, 124, 136.5	126, 130	43.8
B (mm)	68, 68, 68, 73	68	54
C (mm)	2 - Ø 44	2 - Ø44	9.6
D (mm)	2 - BC1.37"*24T	2 - BC1.37"*24T	Ø15.2
E (mm)	63.8, 57.5, 60.7, 64.3	65.5, 66.3	-
F (mm)	2 - 17	2 - 17	-
G (mm)	2 - M8*P1*25	2 - M8*P1*25	-
Core Data			
Type	Cadence Sensor	Cadence Sensor	Cadence Sensor
Signals (Pulses/Cycle)	32	32	12
Shaft Standard	JIS	JIS	-
Mounting Parameters			
Mounting Position	Bottom Bracket	Bottom Bracket	Bottom Bracket Shaft
Cap Material	Plastic	Aluminum	-
Cable Length (mm), Connector Type	150 G6.5.4 / 950 G6.5.4	150 G6.5.4 / 950 G6.5.4	150 G6.5.4 / 950 G6.5.4
Tests & Certifications	Waterproof: IP X5 Certifications: EN 15194 / EN 14764 / ROHS		

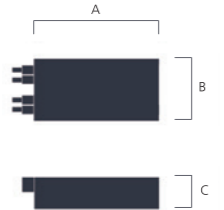
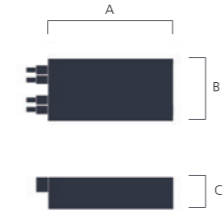

SENSOR



Model No.	SR SD011.01	SR SD021.01	SR SD071.02
Dimensions/Size			
A (mm)	0 - 5	10 - 20	5 - 10
B (mm)	31 - 41	5.5	10
C (mm)	32	-	18
D (mm)	-	-	16.25
Core Data			
Type	Wheel Speed Sensor	Wheel Speed Sensor	Wheel Speed Sensor
Mounting Parameters			
Mounting Position	Chain Stay & Spoke	Chain Stay & Spoke	Chain Stay & Disc Brake
Cable Length(mm), Connector Type	100 G4.3	100 G4.3 550 3104A1004 550 G8.5.3	100 G4.5 550 G8.5.3
Tests & Certifications	Waterproof: IP X5 Certifications: EN 15194 / ROHS		

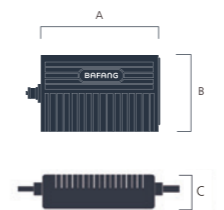
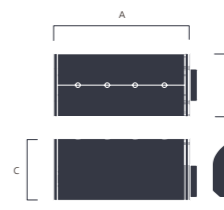
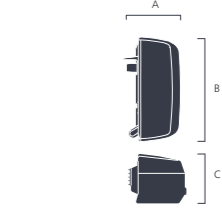
CONTROLLER



Model No.	CR 5307.1000.FC	CR C101.C	CR A101.C
Dimensions/ Size			
A (mm)	151	109	77
B (mm)	52	56	44
C (mm)	29	34	29
Core Data			
Nominal Voltage (Vdc)	48 / 52 , 48 / 52	36 / 43 / 48 , 48 / 52	36 / 43 / 48 , 36 / 43 / 48
Low Voltage Protection(Vdc)	41 / 44 , 41 / 44	32 / 38 / 41 , 41 / 44	32 / 38 / 41 , 32 / 38 / 41
Current Limit (A)	25 / 21 , 30 / 28	25 / 22 / 20 , 22 / 20	15 / 13 / 12 , 18 / 15 / 14
Rated Power (W)	750 , 1000	500 , 650	250 , 350
Mounting Parameters			
Com. Protocol	CAN	CAN	CAN
E-Brake	Optional	Optional	Optional
Throttle	Optional	Optional	Optional
IOT	Optional	Optional	Optional
Further Specifications			
Walk Assistance (km/h)	4.5	4.5	4.5
Light Drive Capacity (Vdc/W)	12 / 6(max) 6 / 3(max)	12 / 6(max) 6 / 3(max)	12 / 6(max) 6 / 3(max)
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / ROHS		

CONTROLLER



Model No.	CR S10F.350.FC	CR X10T.250.FC	CR X10S.500.FC
Dimensions/ Size			
A (mm)	83	87	65
B (mm)	54	42	90
C (mm)	28	43	58
Core Data			
Nominal Voltage (Vdc)	36 / 43 / 48 , 36 / 43 / 48	36 / 43 / 48	43
Low Voltage Protection (Vdc)	32 / 38 / 41 , 32 / 38 / 41	32 / 38 / 41	38
Current Limit (A)	15 / 13 / 12 , 18 / 15 / 14	15 / 13 / 12	13 , 15 , 20
Rated Power (W)	250 , 350	250	250 , 350 , 500
Mounting Parameters			
Com. Protocol	CAN	CAN	CAN
E-Brake	Optional	Optional	Optional
Throttle	Optional	Optional	Optional
IOT	Optional	Optional	Optional
Further Specifications			
Walk Assistance (km/h)	4.5	4.5	4.5
Light Drive Capacity (Vdc/W)	12 / 6(max) 6 / 3(max)	12 / 6(max) 6 / 3(max)	12 / 6(max) 6 / 3(max)
Tests & Certifications	Waterproof: IP X5 Certifications: CE / EN 15194 / ROHS		

ACCESSORIES

CHAINWHEEL



Model No.	CW G532.1A	CW G532.2A	CW G510.1A	CW G510.1B
Core Data				
Suitability	M820	M820	M620	M620
Teeth Number(XX)	44T	34 - 50T	40T, 42T, 44T, 48T, 52T	40T, 42T, 44T, 52T
Chain Line	49	47	70	48
Thickness(X/XX")	Narrow Wide System	3 / 32"	Narrow Wide System	Narrow Wide System
Spider Style	4 (f 110)	4 (f 110)	5 (f 130)	5 (f 130)
Chain Guard	NA	NA	Optional	Optional



Model No.	CW G522.1A	CW G522.1B	CW G332.1A	CW G332.1B
Core Data				
Suitability	M600 / M510	M600 / M510	M420	M420
Teeth Number(XX)	32T, 40T	38T	38T	38T
Chain Line	53	52	48	45
Thickness(X/XX")	Narrow Wide System	Narrow Wide System	1/8", 3/32", 11/128"	1/8", 3/32", 11/128"
Spider Style	4 (f 104)	4 (f 104)	/	4 (f 104)
Chain Guard	NA	Optional	NA	Optional



Model No.	CW G332.1C	CW G333.1A	CW G210.1A	CW G210.1B
Core Data				
Suitability	M420	M410	M200	M200
Teeth Number(XX)	38T, 42T, 44T	38T	38T, 44T	38T, 44T
Chain Line	49	53	49	45
Thickness(X/XX")	3/32", 11/128"	Narrow Wide System	3/32", 11/128"	1/8", 3/32", 11/128"
Spider Style	4 (f 104)	4 (f 104)	4 (f 104)	4 (f 104)
Chain Guard	Optional	NA	Optional	Optional

ACCESSORIES

CHAINWHEEL



Model No.	CW G210.1C	CW G320.1A	CW G320.1B	CW G340.1A
Core Data				
Suitability	M200	M615	M615	M315 / M215
Teeth Number(XX)	38T	46T	42T, 44T	44T, 46T, 48T, 52T
Chain Line	48	50(68), 52.5(73), 61(90), 66(100), 71(110), 76(120)	60(68), 62.5(73), 71(90), 76(100), 81(110), 86(120)	50
Thickness(X/XX")	1/8", 3/32", 11/128"	3/32"	Narrow Wide System	1/8", 3/32"
Spider Style	/	/	5 (f 130)	/
Chain Guard	NA	NA	NA	Optional (Plastic)



Model No.	CW PA310.1A	CW PA211.1A	CW PA211.1B	CW PA211.3A
Core Data				
Suitability	SR PA310.32.ST	SR PA2XX.32.ST.C	SR PA2XX.32.ST.C	SR PA2XX.32.ST.C
Teeth Number(XX)	34T, 36T, 38T, 42T, 44T, 48T	34T, 36T, 38T, 42T, 44T, 48T	48T, 50T, 52T	44 - 32 - 22T
Chain Line	47.5(68), 63.5(100), 50(73), 55.5(84), 68.5(110), 73.5(120)	47.5(68), 63.5(100), 50(73), 55.5(84), 68.5(110), 73.5(120)	47.5(68), 63.5(100)	55.5 / 48 / 40(68), 71.5 / 64 / 56(100)
Thickness(X/XX")	1/8", 3/32", 11/128"	1/8", 3/32", 11/128"	1/8", 3/32", 11/128"	3/32"
Spider Style	4 (f 104)	4 (f 104)	5 (f 130)	4 (f 64), 4 (f 104)
Chain Guard	Optional	Optional	Optional	NA

ACCESSORIES

CRANK



Model No.	CK ISIS01.170P	CK ISIS02.170P	CK ISIS03.170P	CK BF01.170P
Core Data				
Shaft standard	ISIS	ISIS	ISIS	BAFANG
Suitability	M820 (MTB / Road)	M620 (Fat)	M620 (Cargo)	M600 / M510 / M420



Model No.	CK JIS01.170P	CK JIS02.170P	CK JIS03.170P
Core Data			
Shaft standard	JIS	JIS	JIS
Suitability	M410 / M200 / M615 / M315 / M215	M410 (Fat)	M200

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

E-BRAKE



Model No.	BR G03.M
Mounting Parameters	
Holder (mm)	Ø 22.2
Cable Length (mm), Connection Type	250 G3.10
Tests & Certifications	
Waterproof	IP X5
Certifications	Reach / ROHS

ACCESSORIES

MOTOR COVER



Model No.	MD G532.A	MD G510.A	MD G521.A	MD G521.B
Core Data				
Material	PC	PC	PC	PC
Suitability	M820	M620	M600 / M510 (FP MMG521.A)	M600 (FP MMG521.B)
Color	Black	Black	Black	Black



Model No.	MD G522.A	MD G332.A	MD G333.A	MD G333.B
Core Data				
Material	PC	PC	PC	PC
Suitability	M510 (FP MMG521.B)	M420	M410 (FP MMG521.A)	M410 (FP MMG521.B)
Color	Black	Black / Silver Gray	Black	Black



Model No.	MD G210.A
Core Data	
Material	PC
Suitability	M200
Color	Black

ACCESSORIES

FIXATION PARTS



Model No.	FP MMG532.A	FP MMG510.A	FP MMG521.A	FP MMG521.B
Core Data				
Suitability	M820	M620	M600 / M510 / M410	M600 / M510 / M410



Model No.	FP MMG332.A	FP MMG210.A	FP MMG340.A
Core Data			
Suitability	M420	M200	M315 (68) M215 (68) M615 (68 / 73 / 83 / 90 / 100 / 110 / 120)

BASH GUARD



Model No.	BG G532.A	BG G521.A	BG G521.B	BG G333.A
Core Data				
Material	PC	PC	PC	PC
Suitability	M820	M600 / M510 (FP MMG521.A)	M600 / M510 (FP MMG521.B)	M410 (FP MMG521.A)
Color	Black	Black	Black	Black



Model No.	BG G333.B
Core Data	
Material	PC
Suitability	M410 (FP MMG521.B)
Color	Black

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

BESST

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