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# Banx

Banx Drive Technology (Suzhou) Co.,Ltd.

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# Banx

*Customizable options for your application*

2025



## *LIGHTER AND STRONGER*

Quality first, science and technology win.
Speak with quality, make continuous improvement, take the lead all the way and be trustworthy

*Super quiet, feel the wind, chase the light*

Banx Drive Technology (Suzhou) Co., Ltd.

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# CONTENT

All of the customization, less of the wait

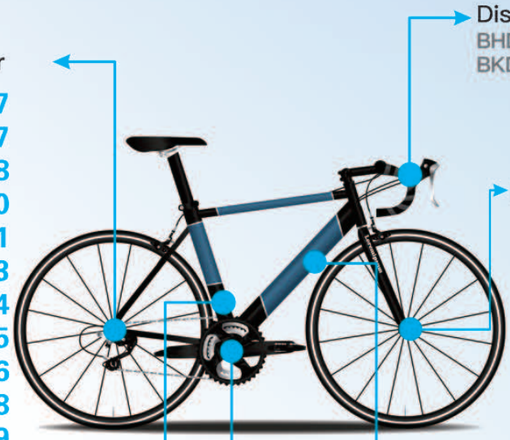
Our flagship product, the S75 motor, has received rave reviews from customers in Europe, thanks to its lightweight design and exceptional performance. We continue to develop new products and motor series, with the goal of making the best motors available to help more people choose ebikes for their daily work and life.




CQC RoHS CCC CE GB EN15194








Rear Hub Motor
S75R-TA P07
S75R-TA-TQ P07
S75R-SY-TQ P08
S75R-XF P10
S75R-CA P11
S118R-XF P13
S118R-06 P14
S118R-CA-TQ P15
S148R-XF P16
S148-S-XF P18
S168R-XF P19
S118R-W20 P23
S118R-S-W20 P24
S148R-S-W20 P25

Display
BHD01
BKD01 P26

Front Hub Motor
S75F-74 P09
S75F P09
S118F P12
S148F P16
S148F-S P17

Torque Sensor
BLS01
PAS Sensor BQS01 P26

Controller
BQC03
BQC04 P26

Battery
BHB01
BLB01 P26

Scooter Motor P21 Wheelchair Motor P21 Wheelmotor P22-25


Banx is a leading manufacturer of OEM and ODM motors for ebike/scooter/motorcycle.

Founded in 2018 by a team of experienced professionals, we have quickly become one of the most innovative and reliable companies in the industry. In the past few years, we have achieved remarkable success, including being awarded high-tech enterprises since 2020,and securing 60 patents for our products

Our commitment to quality is reflected in our ISO9001 certification, which demonstrates our dedication to providing high-quality products and services to our customers.

Banx has earned us a reputation as a trusted partner for businesses looking to create cutting-edge ebikes. We attend major industry events, such as Eurobike in 2023 and 2024, to showcase our latest products and connect with industry leaders and enthusiasts.







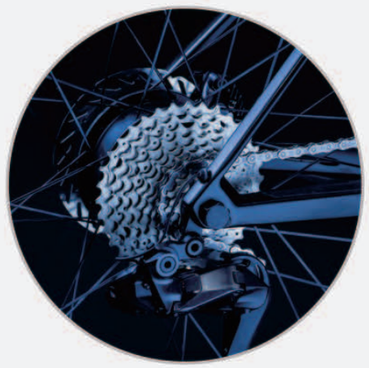

# Drive System

## Enjoy a true road experience





BLB01
Longer Battery life



S75R-CA-SY
Controller&PAS Integrated
S75R-SY-TQ
Controller&Torque Sensor



BHD01
Clear and Easy to read





*Lighter, smaller, quieter, more powerful!*

*Banx motors, integrated with controllers and sensors.*

**Unleash powerful performance with innovative motors in the Ebike market.**




Integrated

Low noise

Work smoothly

Kg

Weight 2kg



## *Ebike Conversion Kit*
## *Kit01*




## *Controller & PAS Integrated*
## *Controller &Torque Sensor*



## *Ebike Conversion Kit*
## *Kit02*

◎Powerful
◎Durability
◎Economic

Quick release hub motor S118R Max50N.M
Upgrade your ebike with LCD Display
Includes all necessary components for installation

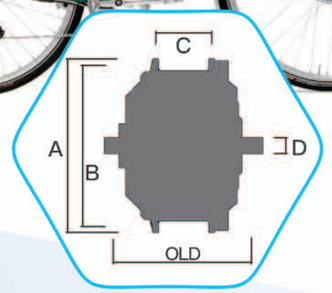


## *Ebike Conversion Kit*
## *Kit03*

◎Compact
◎Classic
◎Comfortable



## Through-Axle Motor





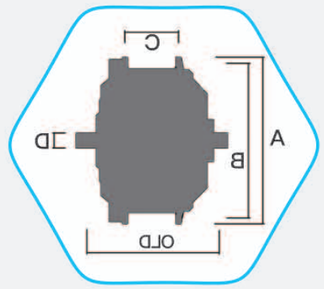



| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S75R-TA | S75R-TA-TQ |
| Size | OLD | 142/148 | 142/148 |
| | A | 120 | 120 |
| | B | 109 | 109 |
| | C | 42 | 42 |
| | D | M12x15x142/148 | M12x15x142/148 |
| Parameter | Wheel Size(Inch) | 14-28 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250 | 250 |
| | Max Torque(N.m) | 30 | 30 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | 8-12 |
| | Weight(kg) | 2.0 | 2.0 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature（℃） | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 28H/32H/36H*13G | 28H/32H/36H*13G |
| | Cabling Route | Shaft Side,Left | Shaft Side,Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## City/Road Bike

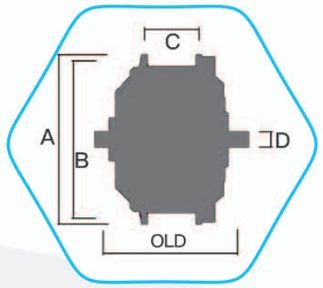







| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S75R-CA-SY | S75R-SY-TQ |
| Size | OLD | 140/142 | 145 |
| | A | 120 | 120 |
| | B | 109 | 109 |
| | C | 42 | 42 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14-28 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250 | 250 |
| | Max Torque(N.m) | 40 | 40 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | 8-12 |
| | Weight(kg) | 2.0 | 2.0 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature（℃） | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 28H/32H/36*13G | 28H/32H/36H*13G |
| | Cabling Route | Shaft Side, Left | Shaft Side,Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

## Folding/City Bike







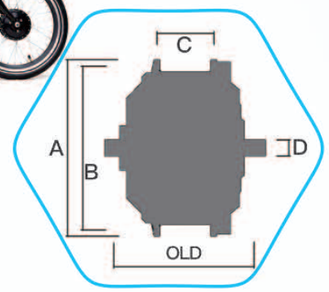



| Position | | Front Motor | Front Motor |
|---|---|---|---|
| Model | | S75F-74 | S75F |
| Size | OLD | 75 | 100 |
| | A | 120 | 120 |
| | B | 109 | 109 |
| | C | 38 | 42 |
| | D | M10x1 | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14-20 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250 | 250-350 |
| | Max Torque(N.m) | 35 | 50 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | - | - |
| | Weight(kg) | 1.5 | 1.8 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 28H*13G | 28H/32H/36H*13G |
| | Cabling Route | Shaft Side, Left | Shaft Side, Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## City/Road Bike



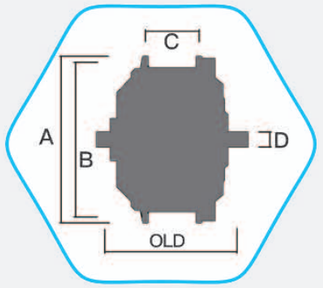




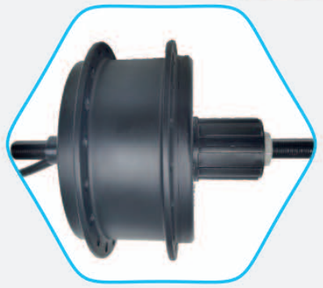

| Position | | Rear Motor | Rear Motor |
|---|---|---|---|
| Model | | S75R-DS | S75R-XF |
| Size | OLD | 120 | 135 |
| | A | 120 | 120 |
| | B | 109 | 109 |
| | C | 42 | 42 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14-28 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250-350 | 250-350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | Single | 6/7/8 |
| | Weight(kg) | 1.9 | 1.9 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 28H/32H/36H*13G | 28H/32H/36H*13G |
| | Cabling Route | Shaft Side, Left | Shaft Side, Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |



## City/Road Bike





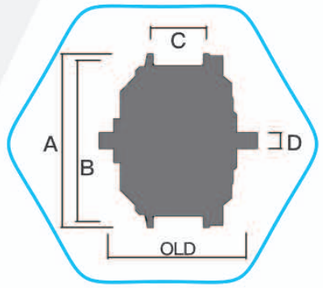



| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S75R-CA | S75R-CA-TQ |
| Size | OLD | 135/142 | 138 |
| | A | 120 | 120 |
| | B | 109 | 109 |
| | C | 40 | 42 |
| | D | M12x1.25x6g | M12x1.25x6G |
| Parameter | Wheel Size(Inch) | 14-28 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250-350 | 250 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | 8-12 |
| | Weight(kg) | 2.0 | 2.0 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 28H/32H/36H*13G | 28H/32H/36H*13G |
| | Cabling Route | Shaft Side, Left | Shaft Side,Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## City/Conversion Bike








| | Position | Front Motor | Front Motor |
|---|---|---|---|
| | Model | S118F | S118F-KC |
| Size | OLD | 100 | 100 |
| | A | 131 | 131 |
| | B | 118.5 | 118.5 |
| | C | 38 | 38 |
| | D | M12x1.25x6g | M5x130mm quick release axle |
| Parameter | Wheel Size(Inch) | 14-28 | 14-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250-350 | 250-350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | - | - |
| | Weight(kg) | 2.4 | 2.4 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G | 36H*13G |
| | Cabling Route | Shaft Side, Through Shaft, Right,Left | Shaft Side, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |



## City Bike




| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S118R-DS | S118R-XF |
| Size | OLD | 135 | 135 |
| | A | 131 | 134.5 |
| | B | 118.5 | 121 |
| | C | 42 | 43 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14–28 | 14–28 |
| | Rated Voltage(DCV) | 24–48 | 24–48 |
| | Rated Power(W) | 250–350 | 250–350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ⩾80 | ⩾80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | Single | 6/7/8 |
| | Weight(kg) | 2.5 | 2.5 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20–45 | -20–45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G | 36H*13G |
| | Cabling Route | Shaft Side, Left, Through Shaft | Through Shaft, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## City Bike




| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S118R-06 | S118R-CA |
| Size | OLD | 135 | 140 |
| | A | 136 | 140 |
| | B | 121 | 128 |
| | C | 44 | 43 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14–28 | 14–28 |
| | Rated Voltage(DCV) | 36–48 | 24–48 |
| | Rated Power(W) | 250–350 | 250–350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ⩾80 | ⩾80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 6–7 | 8–12 |
| | Weight(kg) | 2.5 | 2.7 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20–45 | -20–45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G | 36H*13G |
| | Cabling Route | Through Shaft,Shaft Side,Left | Through Shaft,Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

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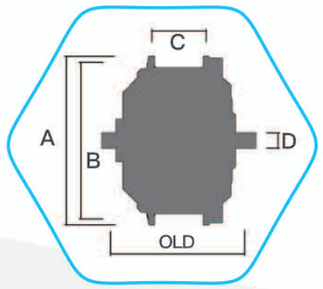
## City/Fat-Tire Bike







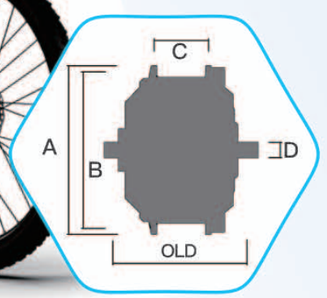


| Position | | Rear Motor | Rear Motor |
|---|---|---|---|
| Model | | S118R-CA-TQ | S118R-S |
| Size | OLD | 140 | 175/195 |
| | A | 140 | 143.5 |
| | B | 128 | 131 |
| | C | 43 | 44 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 14-28 | 16-28 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250-350 | 250-350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | 6/7/8 |
| | Weight(kg) | 2.8 | 3 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G | 36H*13G/12G |
| | Cabling Route | Through Shaft,Right | Through Shaft, Shaft Side, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## MTB/Cargo Bike

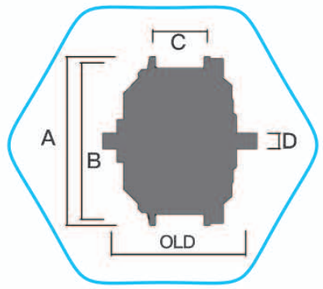




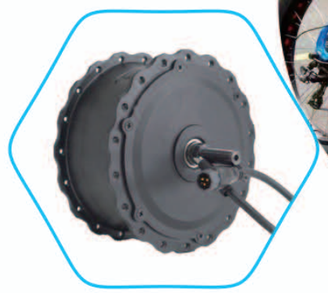



| Position | | Front Motor | Rear Motor |
|---|---|---|---|
| Model | | S148F | S148R-XF |
| Size | OLD | 100 | 135 |
| | A | 158.5 | 158.5 |
| | B | 145 | 145 |
| | C | 46 | 46 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 16-28 | 16-28 |
| | Rated Voltage(DCV) | 36-52 | 36-52 |
| | Rated Power(W) | 350-500 | 350-500 |
| | Max Torque(N.m) | 70 | 70 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | - | 6/7/8 |
| | Weight(kg) | 3.1 | 3.2 |
| | Noise(dB) | <60 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G/12G | 36H*13G/12G |
| | Cabling Route | Through Shaft, Shaft Side, Right | Through Shaft, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

## MTB/Cargo/Fat-Tire Bike





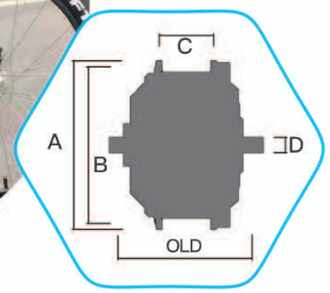


| | Position | Rear Motor | Front Motor |
|---|---|---|---|
| | Model | S148R-CA | S148F-S |
| Size | OLD | 140/142 | 135 |
| | A | 158.5 | 158 |
| | B | 145 | 143 |
| | C | 46 | 71 |
| | D | M12x1.25x6g | M12x1.25x6g/M14x1.5x6g |
| Parameter | Wheel Size(Inch) | 16-28 | 16-28 |
| | Rated Voltage(DCV) | 36-52 | 36-52 |
| | Rated Power(W) | 350-500 | 350-1200 |
| | Max Torque(N.m) | 70 | 100 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | - |
| | Weight(kg) | 3.5 | 3.5-4.8 |
| | Noise(dB) | <60 | <60 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G/12G | 36H*13G/12G |
| | Cabling Route | Through Shaft, Right | Through Shaft, Shaft Side, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## Cargo/Fat-Tire Bike

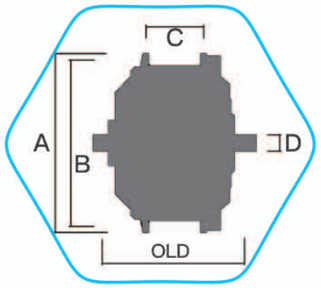




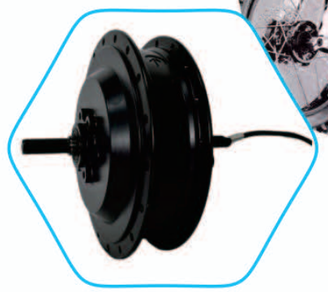



| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S148R-S-XF | S148R-S-XF-P |
| Size | OLD | 175/195 | 175/195 |
| | A | 158 | 158 |
| | B | 143 | 143 |
| | C | 71 | 71 |
| | D | M12x1.25x6g/M14x1.5x6g | M12x1.25x6g/M14x1.5x6g |
| Parameter | Wheel Size(Inch) | 16-28 | 16-28 |
| | Rated Voltage(DCV) | 36-52 | 36-52 |
| | Rated Power(W) | 350-1200 | 350-1200 |
| | Max Torque(N.m) | 100 | 100 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 6/7/8 | 6/7/8 |
| | Weight(kg) | 3.5-4.8 | 3.5-4.8 |
| | Noise(dB) | <60 | <60 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G/12G | 36H*13G/12G |
| | Cabling Route | Through Shaft, Shaft Side, Left, Right | Through Shaft, Shaft Side, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

## Cargo/Fat-Tire Bike

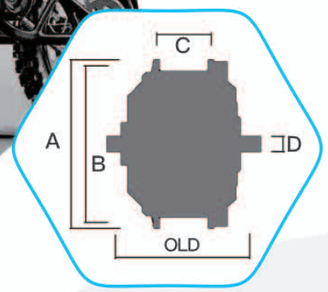






## MTB/Cargo/Fat-Tire Bike



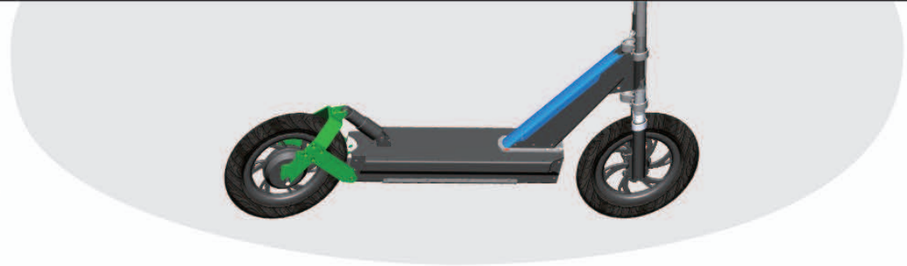





| Position | | Rear Motor | Rear Motor |
|---|---|---|---|
| Model | | S148R-S-CA | S168R-XF |
| Size | OLD | 175/195 | 138 |
| | A | 158 | 168 |
| | B | 143 | 158 |
| | C | 71 | 47 |
| | D | M12x1.25x6g/M14x1.5x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 16-28 | 20-28 |
| | Rated Voltage(DCV) | 36-52 | 36-52 |
| | Rated Power(W) | 350-1200 | 750 |
| | Max Torque(N.m) | 100 | 90 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | 6-7 |
| | Weight(kg) | 3.8-5.1 | 4.0 |
| | Noise(dB) | <60 | <60 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G/12G | 36H*13G/12G |
| | Cabling Route | Through Shaft, Shaft Side, Left, Right | Through Shaft, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

| Position | | Rear Motor | Rear Motor |
|---|---|---|---|
| Model | | S168R-CA | S168R-S-XF |
| Size | OLD | 145 | 175/195 |
| | A | 168 | 171 |
| | B | 158 | 155 |
| | C | 47 | 68 |
| | D | M12x1.25x6g | M14x1.5x6g |
| Parameter | Wheel Size(Inch) | 20-28 | 20-28 |
| | Rated Voltage(DCV) | 36-52 | 48-60 |
| | Rated Power(W) | 750 | 1000-1500 |
| | Max Torque(N.m) | 90 | 140 |
| | Efficiency(%) | ≥80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 8-12 | Single/6-12 |
| | Weight(kg) | 4.2 | 5.5 |
| | Noise(dB) | <60 | <65 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | 36H*13G/12G | 36H*13G/12G |
| | Cabling Route | Through Shaft,Right | Through Shaft,Shaft Side, Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |

# Scooter



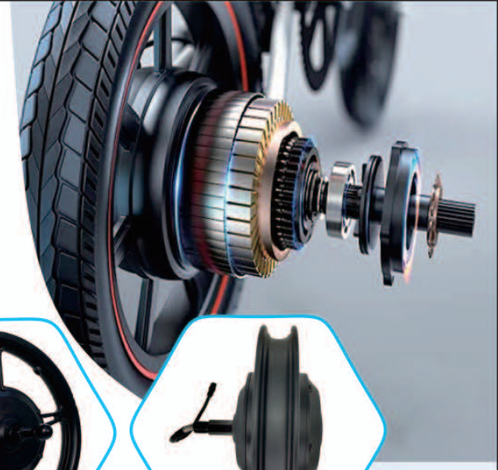


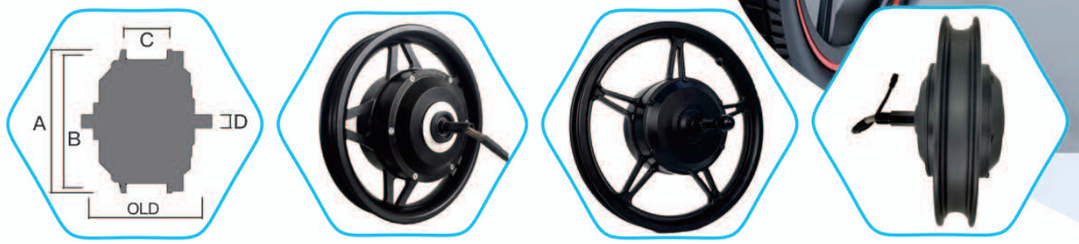

| Position | | Front/Rear Motor | Front/Rear Motor | Front/Rear Motor |
|---|---|---|---|---|
| Model | | S75-W6 | S118R-W8.5 | S118R-W10 |
| Size | | 100 | 136 | 120 |
| | A | 112 | 172 | 169 |
| | B | - | - | - |
| | C | - | 46.5 | 34 |
| | D | M10x1x6G | M14x1.5x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 6 | 8.5-10 | 10 |
| | Rated Voltage(DCV) | 24-48 | 24/36 | 24-48 |
| | Rated Power(W) | 250-500 | 180-350 | 250-750 |
| | Max Torque(N.m) | 40 | 35 | 60 |
| | Efficiency(%) | ≥80 | 78 | 80 |
| | Color | Black/Silver | Black | Black/Silver |
| | Freewheel | - | Brake solenoid | - |
| | Weight(kg) | 2.0(tire weight 0.8) | 3.1(Tires not included) | 3.3(Tires not included) |
| | Noise(dB) | <55 | <50 | <60 |
| | Operating Temperature (℃) | -20-45 | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 | IP65 |
| | Spoke Specification | - | - | - |
| | Cabling Route | Shaft Side,Left | Through Shaft, Left, Right | Shaft Side, Through Shaft, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





# Folding/Children's Bicycle/City Bike

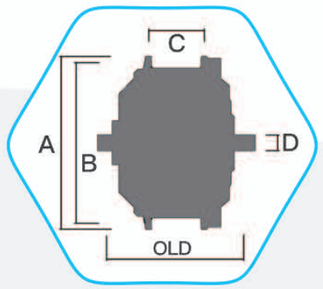





| Position | | Front/Rear Motor | Rear Motor | Rear Motor |
|---|---|---|---|---|
| Model | | S118R-W12 | S118R-W14 | S118R-W12-UA |
| Size | OLD | 125/135 | 125/135 | 100 |
| | A | 218 | 270 | 218 |
| | B | - | - | - |
| | C | 25 | 25 | - |
| | D | M12x1.25x6g | M12x1.25x6g | M14x1.5x6g |
| Parameter | Wheel Size(Inch) | 12 | 14 | 12-20 |
| | Rated Voltage(DCV) | 24-48 | 24-48 | 36-48 |
| | Rated Power(W) | 250-500 | 250-500 | 250-500 |
| | Max Torque(N.m) | 40 | 45 | 45 |
| | Efficiency(%) | 80 | 80 | ≥80 |
| | Color | Black/Silver | Black/Silver | Black/Silver |
| | Freewheel | Without/Single | Without/Single | - |
| | Weight(kg) | 3.2; Non-Motorized wheel 0.8 | 3.4; non-motorized wheel 1.0 | 3.3 |
| | Noise(dB) | <55 | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 | IP65 |
| | Spoke Specification | - | - | - |
| | Cabling Route | Shaft Side, Through Shaft, Left, Right | Through Shaft, Shaft Side, Left, Right | Through Shaft,Right,Left |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |



## Folding/Children's Bicycle/City Bike





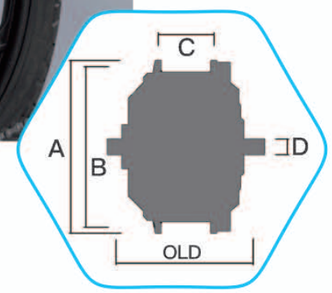



| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S118R-W16 | S118R-W20 |
| Size | OLD | 125/135 | 125/135 |
| | A | 320 | 421 |
| | B | - | - |
| | C | 25 | 26 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 16 | 20 |
| | Rated Voltage(DCV) | 24-48 | 24-48 |
| | Rated Power(W) | 250-500 | 250-350 |
| | Max Torque(N.m) | 45 | 50 |
| | Efficiency(%) | 80 | 80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | Without/Single | Single/6/7/8 |
| | Weight(kg) | 3.7; non-motorized wheel 1.2 | 4.2; non-motorized wheel 1.7 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | - | - |
| | Cabling Route | Through Shaft, Shaft Side, Left, Right | Through Shaft, Shaft Side, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |





## Fat-Tire/City/Sharing Bike



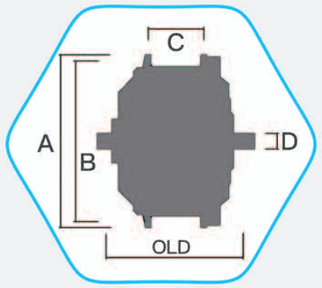





| | Position | Rear Motor | Rear Motor |
|---|---|---|---|
| | Model | S118R-W26 | S118R-S-W20 |
| Size | OLD | 135 | 175/195 |
| | A | 571 | 421 |
| | B | - | - |
| | C | 25 | 74 |
| | D | M12x1.25x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 24-28 | 20 |
| | Rated Voltage(DCV) | 24-48 | 36-48 |
| | Rated Power(W) | 250-350 | 250-350 |
| | Max Torque(N.m) | 50 | 50 |
| | Efficiency(%) | 80 | 80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | Single/6/7/8 | 6/7/8 |
| | Weight(kg) | 4.2; non-motorized wheel 1.5 | 4.5, Non-Motorized wheel 2.6 |
| | Noise(dB) | <55 | <55 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | - | - |
| | Cabling Route | Through Shaft, Right | Through Shaft, Shaft Side, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |



# Fat-Tire Bike/Motorcycle








| Position | | Rear Motor | Rear Motor |
|---|---|---|---|
| Model | | S148R-S-W20 | S148R-S-W20(3.0) |
| Size | OLD | 175/195 | 175 |
| | A | 421 | 421 |
| | B | - | - |
| | C | 74 | 74 |
| | D | M12x1.5x6g/M14x1.5x6g | M12x1.25x6g |
| Parameter | Wheel Size(Inch) | 20 | 20 |
| | Rated Voltage(DCV) | 36-52 | 36-52 |
| | Rated Power(W) | 350-1200 | 350-750 |
| | Max Torque(N.m) | 100 | 80 |
| | Efficiency(%) | 80 | ≥80 |
| | Color | Black/Silver | Black/Silver |
| | Freewheel | 6/7 | 6/7 |
| | Weight(kg) | 5.0, Non-Motorized wheel 2.6 | 4.5, Non-Motorized wheel 2.5 |
| | Noise(dB) | <60 | <60 |
| | Operating Temperature (℃) | -20-45 | -20-45 |
| | IP Class | IP65 | IP65 |
| | Spoke Specification | - | - |
| | Cabling Route | Through Shaft, Shaft Side, Left, Right | Through Shaft, Shaft Side, Left, Right |
| | Test&Certification | EN15194/RoHS/CE/CCC | EN15194/RoHS/CE/CCC |



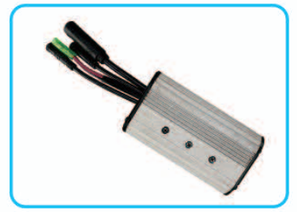

# Other Component OEM&ODM Service



BHB01



BLB01



BQC03

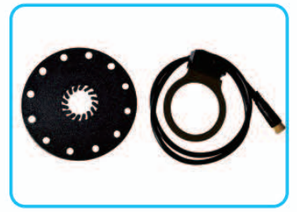


BQC04

Torque &PAS Sensor



BLS01



BQS01

Display



BHD01




BKD01

Freedom
Courage
Passion

*Cycling is all about* *and the Joy of Discovery!*