

# 10 DEALER MANUAL FOR CR S10F.350.FC

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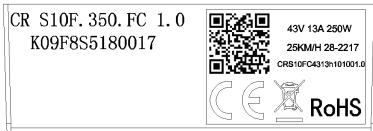
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# 10.1 INTRODUCTION

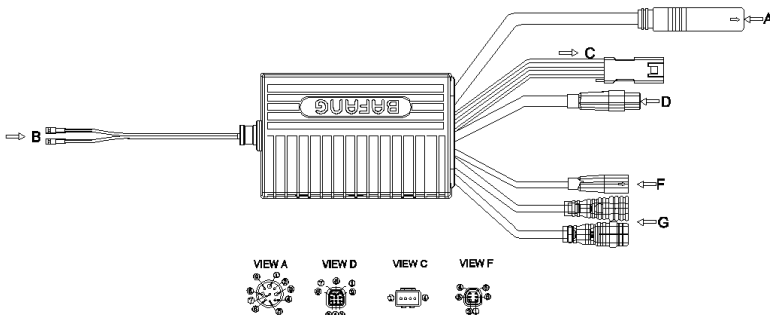
- Model: CR S10F.350.FC
- The label marking is as follows:



**i Note:** Content in the label is important information about this product. Please do not remove the information from the controller.

# 10.2 PRODUCT DESCRIPTION

## 10.2.1 Outline and geometric size



Connector	Connect to ..
A	Motor
B	Taillight
C	Communication port of Battery
D	EB-BUS
F	Sensor
G	Power port of battery

### 10.2.2 Specifications

- Rated voltage(V): 36 / 43 / 48
- Rated power (W): 250 / 350
- Waterproof: IP65
- Certification: CE / ROHS
- Outdoor Temperatures: -20 C~45 C
- Storage room humidity: 30%-70%

### 10.2.3 Functional Overview

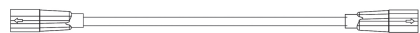
- Communication protocol: CAN
- Communicate with battery and BMS
- Power assistant type: speed and torque
- Walk assistant
- Temperature control
- Voltage protection
- Support BESST service system

## 10.3 CONTROLLER INSTALLATION

### 10.3.1 Cabling



Extension cable for motor



EB-BUS overview



Extension cable for front light



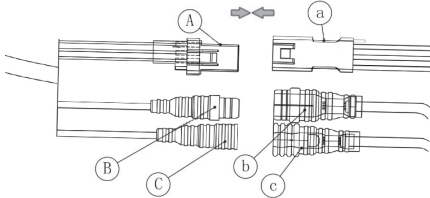
Extension cable for taillight

Wire definition of power cable from controller

Connector	Color	Function
J8545-BS-0/ 7015-BS-2	Black with white stripes	+6V
	Black	GND

### 10.3.1.1 Connect the battery

Link the communication cable and power cable from controller with battery.



A. The female connector of the communication cable from the battery BMS

a. The male connector of the communication cable from the controller

B. The male connector (negative) from the battery

b. The female connector (negative) from the controller

C. The female connector (positive) from the battery

c. The male connector (positive) from the controller

### 10.3.1.2 Connect the speed sensor

Please connect the connectors from the controller and the speed sensor together.

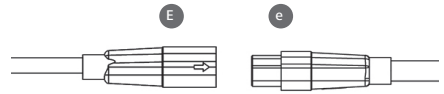


D. The male connector from the speed sensor

d. The female connector from the controller

### 10.3.1.3 Connect the EB-BUS

Please connect the connectors from the controller and EB-BUS cable together.



E. The female connector from the EB-BUS cable

e. The male connector from the controller

### 10.3.1.4 Connect the extension cable for motor

Please connect the connectors from the controller and extension cable from motor together



F. The extension cable (male connector) for motor

f. The female connector from the controller

### 10.3.1.5 Connect the extension light cable

Please connect the connectors from the controller and the extension light cable together.

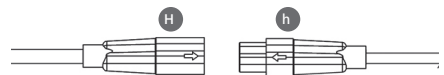


G. The female connector from the controller

g. The male connector from the extension light cable

### 10.3.1.6 Connect the display to the EB-BUS

Please connect the connectors from the display and EB-BUS cable together.



H. The female connector from the EB-BUS

h. The male connector from the display