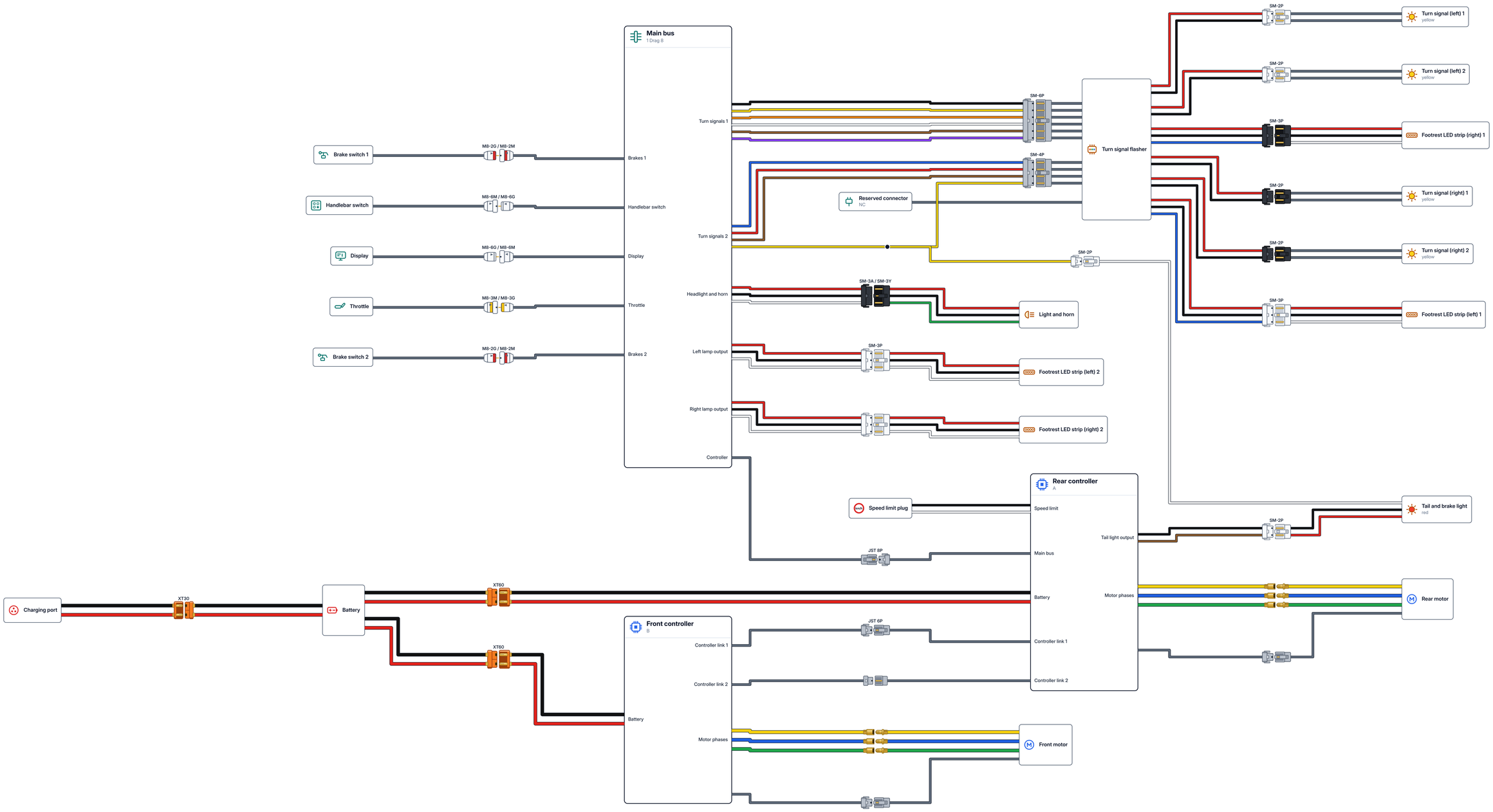
WIRING DIAGRAM

Teverun Fighter Space

FOHZSHOP.FR



WIRE COLOURS

- Black BK
- Colour not shown
- Red RD
- Yellow YE
- Blue BU
- Green GN
- Violet VT
- Brown BN
- Orange OG
- White WH

CONNECTORS

Gold pins: male side. Dark sockets: female side.

- JST SM plug
- XT60
- Connector (type not shown)
- Splice: wires are joined at this point
- Round waterproof plug
- XT30
- Bullet connectors

NOTES

1. On the original, the links of the M8, JST 6P and JST 8P plugs and the black cable of each motor are drawn as a single cable, without the number or colour of their wires. Each one is redrawn as a single line in colour not shown. The thin link between the two controllers goes through a single-pin plug: it is redrawn as one wire, colour not shown.
2. The original shows two pedal LED strips on each side. Strips 1 are connected to the turn signal module, strips 2 to the main bus. It does not say which of the two turn signals on each side is at the front, nor on which side each brake lever is. They are numbered 1 and 2.
3. For the turn signals, colours are only given on the module side of the SM-2P plug. On the lamp side, the cable is drawn without colour.
4. No colour is written on the wires of pedal strips 1. Their colours are taken from the drawing, red, dark grey and blue on the module side, red, black and light grey on the strip side. Dark grey and light grey are named black and white elsewhere on the original.
5. The SM-2P and SM-3P plugs of the turn signals and pedal strips are all drawn white. Their colour is taken from the text written next to them, White plugin or Black plugin. The plug of right strip 2 has no name and no colour written, it is drawn like the white SM-3P plug of left strip 2. The SM-6P and SM-4P plugs, grey on the module side and drawn as a plain outline on the bus side, are redrawn grey.
6. Between the turn signal module and its SM-6P and SM-4P plugs, the original draws seven and five thin black lines, without colour. They are redrawn as six and four wires in colour not shown, as many as the named wires on the other side of each plug. On the SM-6P plug, the wire marked White is drawn black.
7. One wire of the turn signal module, drawn with the same thin black line, ends on a plug marked NC, with nothing connected to it.
8. On the original, a dotted yellow wire runs from the yellow pin of the SM-4P plug, bus side, to the SM-2P plug of the white wire of the tail light. The yellow wire of this pin also joins the trunk of the main bus. This link is redrawn as a splice.
9. The main bus is called 1 Drag 8 Main Bus on the original. After its eight branches, its trunk splits to the JST 8P plug of the rear controller A and the SM-6P and SM-4P plugs of the turn signal module.
10. According to the original, the speed limit plug, a red plug at the end of the black and white cable of the rear controller A, limits the speed when it is short-circuited. Normally, it does not need to be connected.
11. Between each controller and its motor, the original draws the three phase wires with their bullet plugs and a black cable with a grey plug, without naming that cable. The whole is called Motor wire connector. No colour is written on the phase wires, yellow, blue and green on the drawing.
12. Between the two controllers, the original draws a cable with a grey JST 6P plug and a thinner cable with a small grey plug with a yellow pin, without a name.

DOCUMENT

Based on the manufacturer diagram "TEVERUN SPACE Electrical Connection Diagram".

Redrawn by FõhzShop on 1 November 2026.

Disconnect the battery before any work.

CONNECTOR PINOUT

Connector	To	Wire
Main bus Turn signals 1	**Turn signal flasher** Input 1 Connectors: JST SM plug SM-6P	Black, then colour not shown after the connector Yellow, then colour not shown after the connector Orange, then colour not shown after the connector White, then colour not shown after the connector Brown, then colour not shown after the connector Violet, then colour not shown after the connector
Main bus Turn signals 2	**Turn signal flasher** Input 2 Connectors: JST SM plug SM-4P	Blue, then colour not shown after the connector Red, then colour not shown after the connector Brown, then colour not shown after the connector
Main bus Turn signals 2	**Splice**	Yellow
Main bus Left lamp output	**Footrest LED strip (left) 2** Connectors: JST SM plug SM-3P	Red Black White
Main bus Right lamp output	**Footrest LED strip (right) 2** Connectors: JST SM plug	Red Black White
Main bus Controller	**Rear controller** Main bus Connectors: JST SM plug JST 8P	Colour not shown · Wires not shown
Front controller Controller link 1	**Rear controller** Controller link 1 Connectors: JST SM plug JST 6P	Colour not shown · Wires not shown
Front controller Controller link 2	**Rear controller** Controller link 2 Connectors: Connector (type not shown)	Colour not shown
Front controller Motor phases	**Front motor** Connectors: Bullet connectors	Yellow Blue Green

Connector	To	Wire
Front controller	**Front motor** Connectors: JST SM plug	Colour not shown · Wires not shown
Rear controller Tail light output	**Tail and brake light** Connectors: JST SM plug SM-2P	Black Brown, then red after the connector
Rear controller Motor phases	**Rear motor** Connectors: Bullet connectors	Yellow Blue Green
Rear controller	**Rear motor** Connectors: JST SM plug	Colour not shown · Wires not shown
Turn signal flasher Left turn signal 1	**Turn signal (left) 1** Connectors: JST SM plug SM-2P	Red, then colour not shown after the connector Black, then colour not shown after the connector
Turn signal flasher Left turn signal 2	**Turn signal (left) 2** Connectors: JST SM plug SM-2P	Red, then colour not shown after the connector Black, then colour not shown after the connector
Turn signal flasher Right lamp output	**Footrest LED strip (right) 1** Connectors: JST SM plug SM-3P	Red Black Blue, then white after the connector
Turn signal flasher Right turn signal 1	**Turn signal (right) 1** Connectors: JST SM plug SM-2P	Red, then colour not shown after the connector Black, then colour not shown after the connector
Turn signal flasher Right turn signal 2	**Turn signal (right) 2** Connectors: JST SM plug SM-2P	Red, then colour not shown after the connector Black, then colour not shown after the connector
Turn signal flasher Left lamp output	**Footrest LED strip (left) 1** Connectors: JST SM plug SM-3P	Red Black Blue, then white after the connector
Turn signal flasher Spare	**Reserved connector**	Colour not shown
Brake switch 1	**Main bus** Brakes 1 Connectors: Round waterproof plug M8-2G / M8-2M	Colour not shown · Wires not shown

Connector	To	Wire
Handlebar switch	**Main bus** Handlebar switch Connectors: Round waterproof plug M8-6M / M8-6G	Colour not shown · Wires not shown
Display	**Main bus** Display Connectors: Round waterproof plug M8-6G / M8-6M	Colour not shown · Wires not shown
Throttle	**Main bus** Throttle Connectors: Round waterproof plug M8-3M / M8-3G	Colour not shown · Wires not shown
Brake switch 2	**Main bus** Brakes 2 Connectors: Round waterproof plug M8-2G / M8-2M	Colour not shown · Wires not shown
Light and horn	**Main bus** Headlight and horn Connectors: JST SM plug SM-3A / SM-3Y	Red Black Green, then white after the connector
Splice	**Turn signal flasher** Input 2 Connectors: JST SM plug SM-4P	Yellow, then colour not shown after the connector
Splice	**Tail and brake light** Connectors: JST SM plug SM-2P	Yellow, then white after the connector
Battery Output 1	**Front controller** Battery Connectors: XT60	Black · Battery – Red · Battery +
Battery Output 2	**Rear controller** Battery Connectors: XT60	Black · Battery – Red · Battery +
Charging port	**Battery** Charge Connectors: XT30	Black · Charge – Red · Charge +
Speed limit plug	**Rear controller** Speed limit	Black White