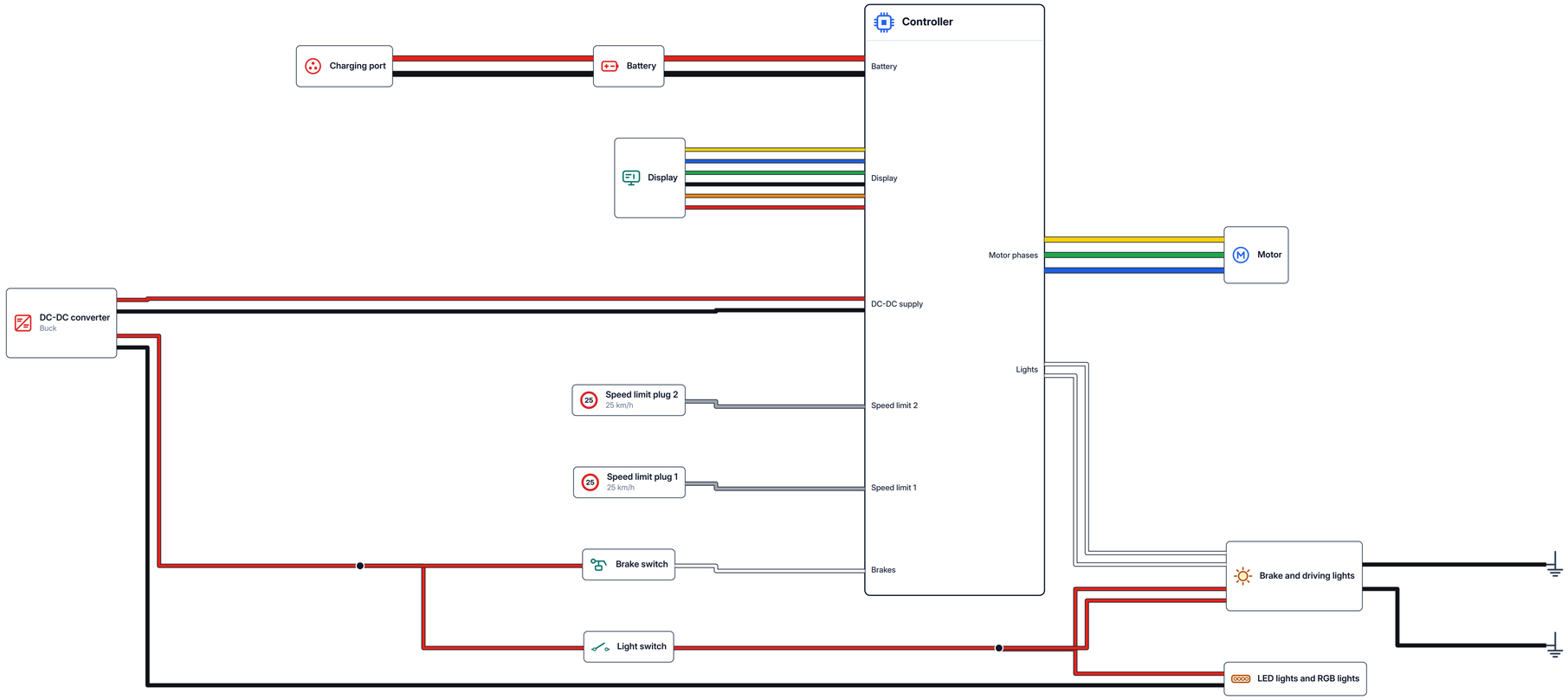
WIRING DIAGRAM

Futecher Gun

FOHZSHOP.FR



WIRE COLOURS

- Black BK
- Blue BU
- Green GN
- Grey GY
- Orange OG
- Red RD
- White WH
- Yellow YE

MARKS

Splice: wires are joined at this point

Ground: every ground symbol is connected to the others

NOTES

1. On the original drawing the black wire between the LED lights and the converter, the one between the converter and the controller and the battery's black wire are also tied to ground.
2. The original drawing does not say what each of the two white wires of the brake and driving lights does.

DOCUMENT

Based on the manufacturer diagram "Schéma électrique FUTECHER".

Redrawn by FõhzShop on 2 November 2026.

Disconnect the battery before any work.

CONNECTOR PINOUT

Connector	To	Wire
Controller Motor phases	**Motor**	Yellow · Motor phase Green · Motor phase Blue · Motor phase
Controller DC-DC supply	**DC-DC converter** Input	Red Black · Ground
Battery Charge	**Charging port**	Red · Charge + Black · Charge –
Battery Output	**Controller** Battery	Red · Battery + Black · Battery –
Display	**Controller** Display	Yellow Blue Green Black Orange Red
Brake switch	**Controller** Brakes	White · Brake signal
Speed limit plug 1	**Controller** Speed limit 1	Grey

Connector	To	Wire
Speed limit plug 2	**Controller** Speed limit 2	Grey
DC-DC converter Output	**Splice**	Red · +12 V
Splice	**Light switch** Input	Red · +12 V
Splice	**Brake switch**	Red · +12 V
Light switch Output	**Splice**	Red
Splice	**LED lights and RGB lights**	Red
Splice	**Brake and driving lights** Power	Red Red
LED lights and RGB lights	**DC-DC converter** Output	Black · Ground
Brake and driving lights	**Controller** Lights	White White
Brake and driving lights	**Ground**	Black · Ground
Brake and driving lights	**Ground**	Black · Ground