AC

Charger

Battery

M20

XT30

3pin

Battery
data
connection

XT60

XT60

Tail
light
strip

Right
pedal
light
strip

Brakes
and
running
lights

Right
pole
light
strip

SM-3A

SM-3A

SM-3Y

SM-3Y

SM-3A

SM-3Y

Left
pedal
light
strip

Left
pole
light
strip

Rear motor

controller
A

GND

controller
B

Front motor

10pin

10pin

IVCU

12pin

12pin

Lighting Bus

Main Bus

Low beam and high bea
lights

SM-3Y

2pin

3pin

6pin

6pin

2pin

Left
brake
power
failure

Accelerator

Display

Light
switch

Right
brake
power
failure