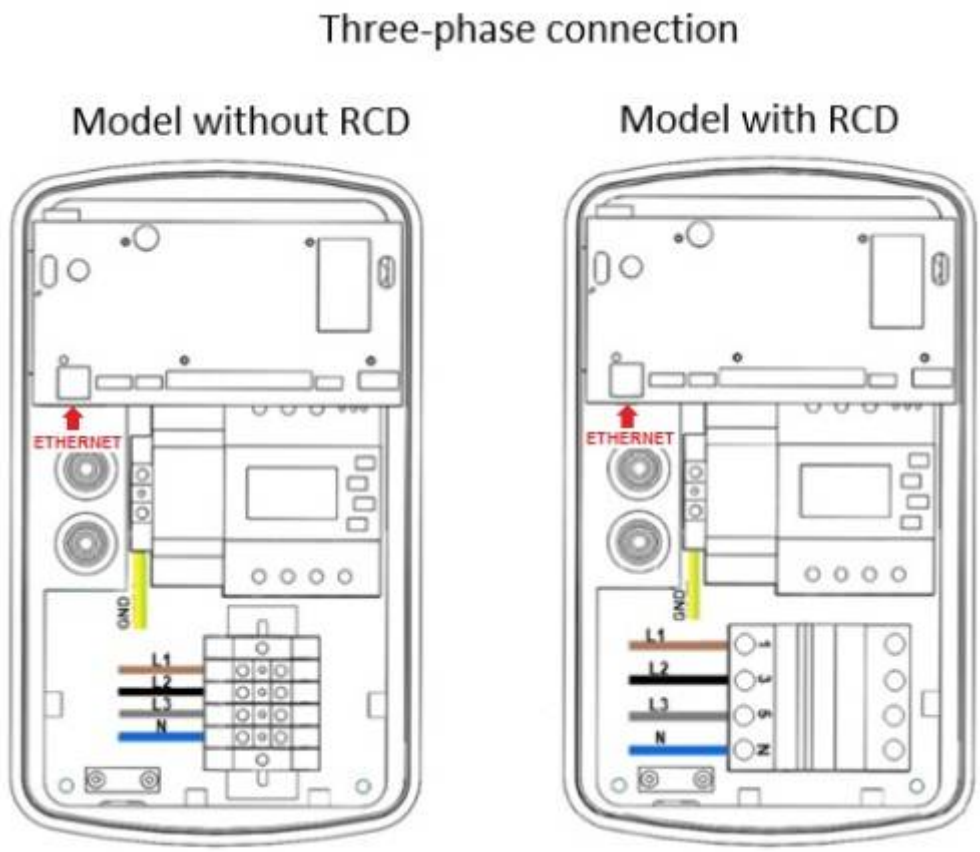
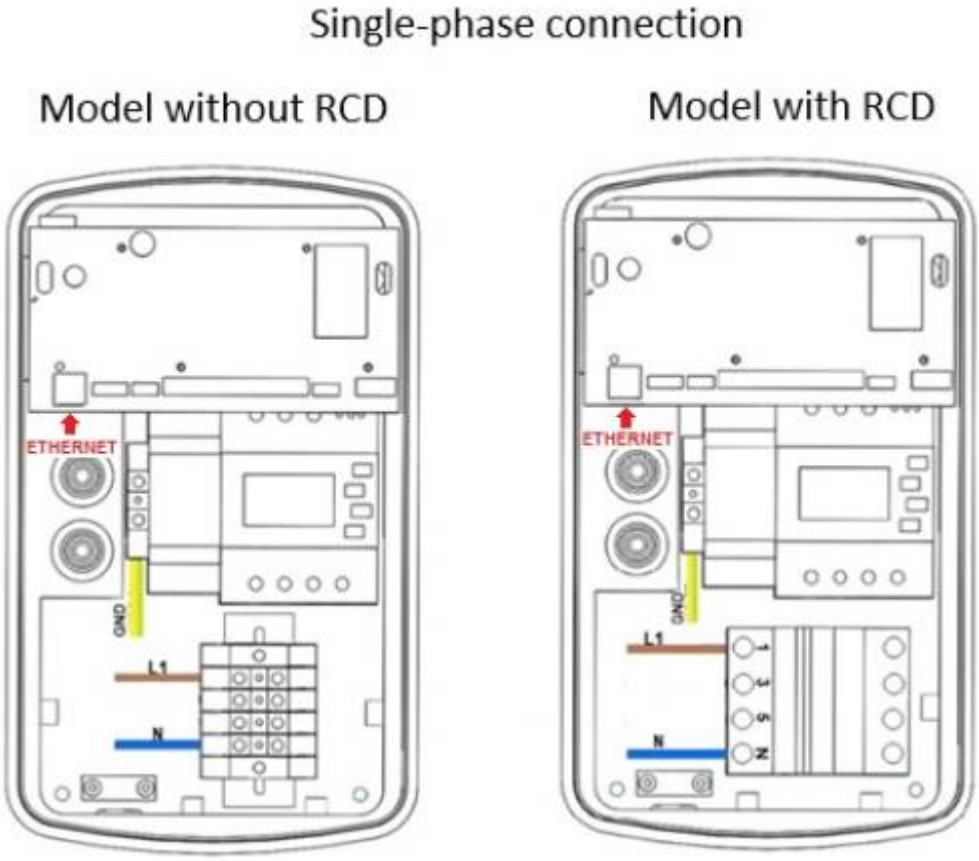
**Robotina d.o.o.**
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

# 1. Wiring

| **Power supply** |
| --- |
| **Depending on the power of the charger, choose the appropriate cross-section of the power supply cable and the appropriate fuse. The connection terminals in the charger enable the connection of a cable up to 10mm2. If you have a charger model without a RCD switch, you must install it before the power supply cable.** |

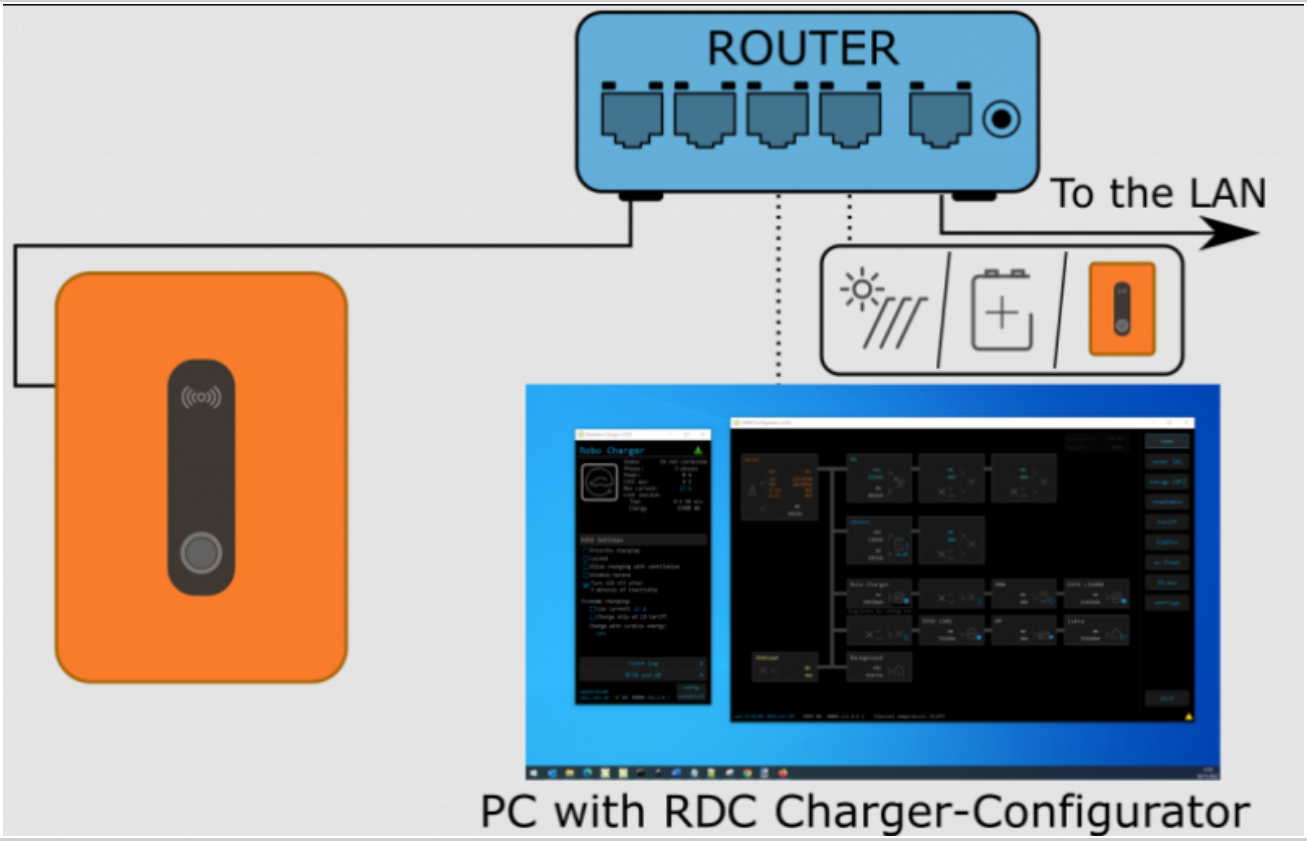


**Power supply**



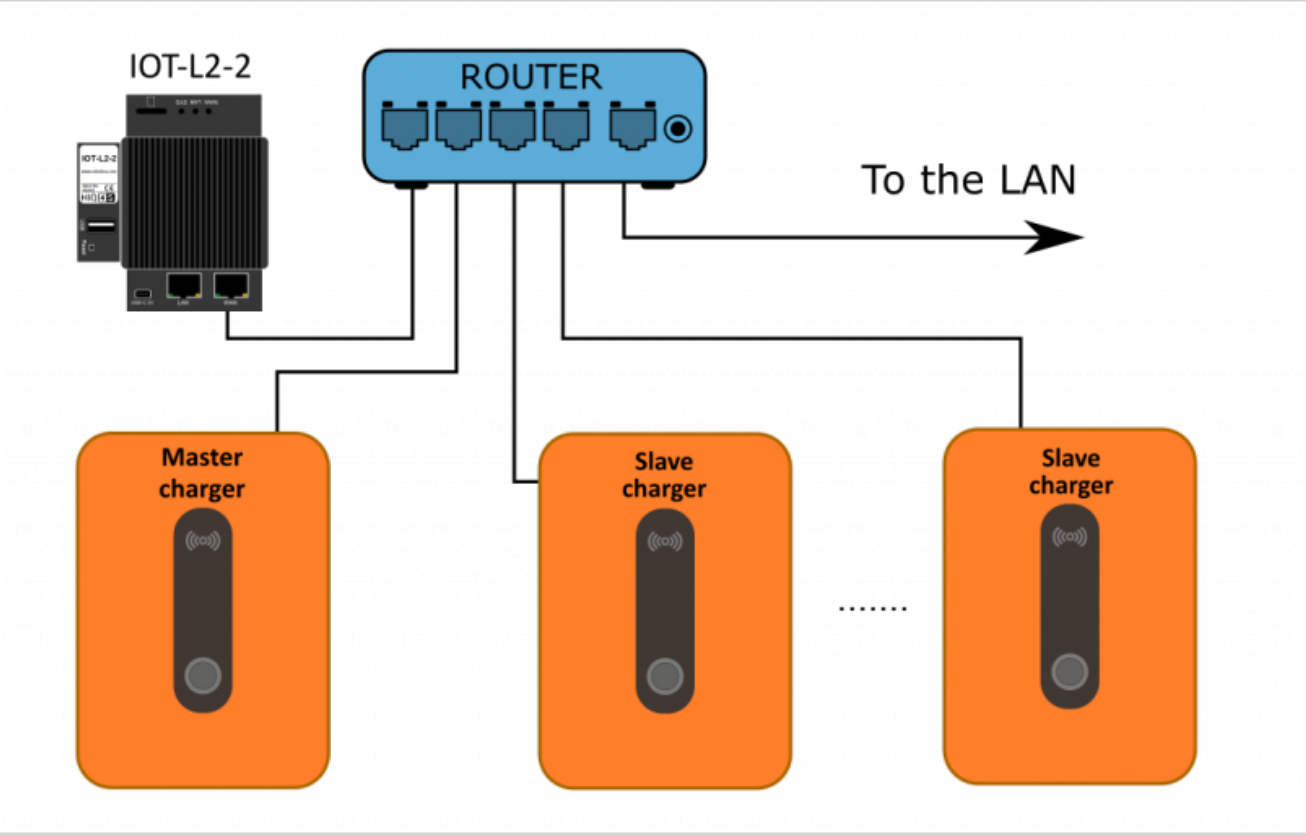

**Network**

Default connection to the LAN network:



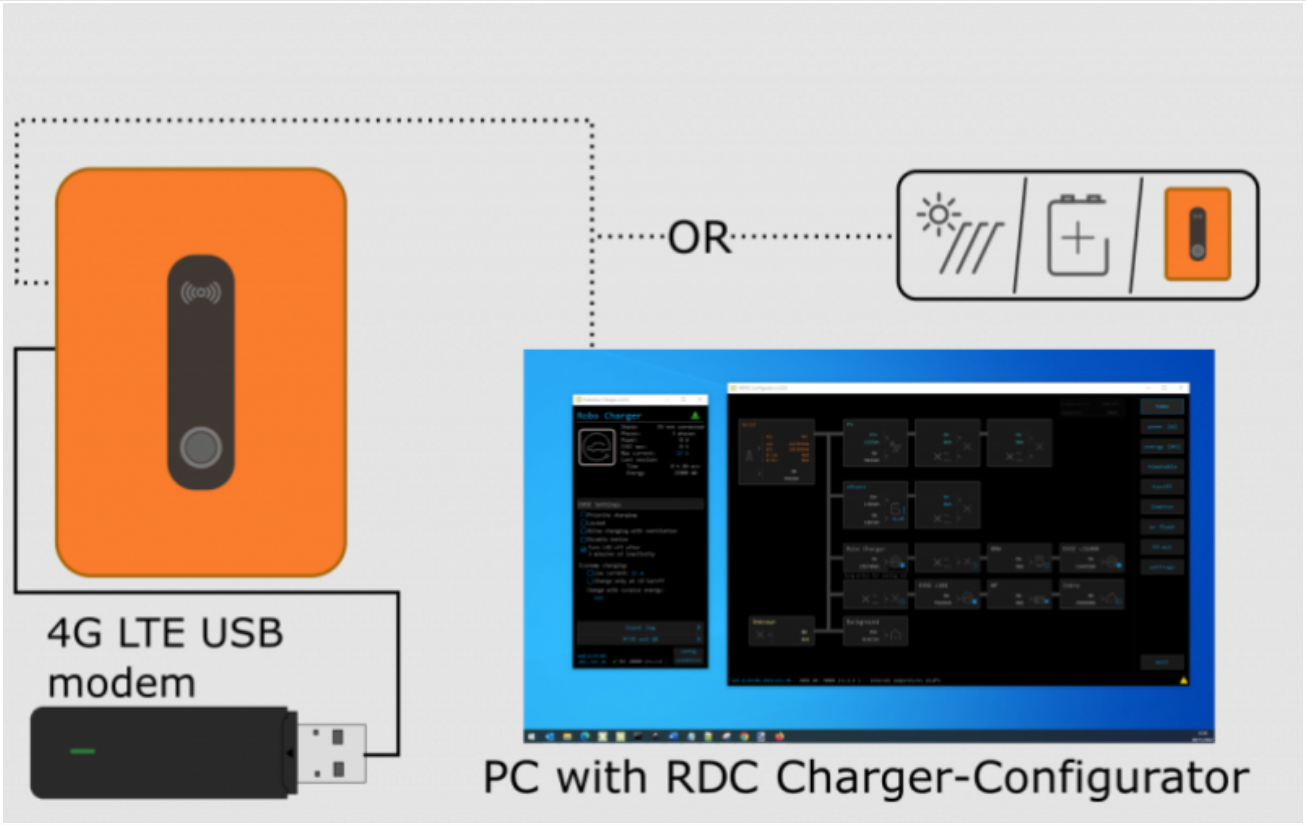

Default connection of external IOT-L2-2 linker to the LAN network:

**NOTE:** IOT-L2-2 linker can be installed as external unit or is integrated into the RDC Charger.

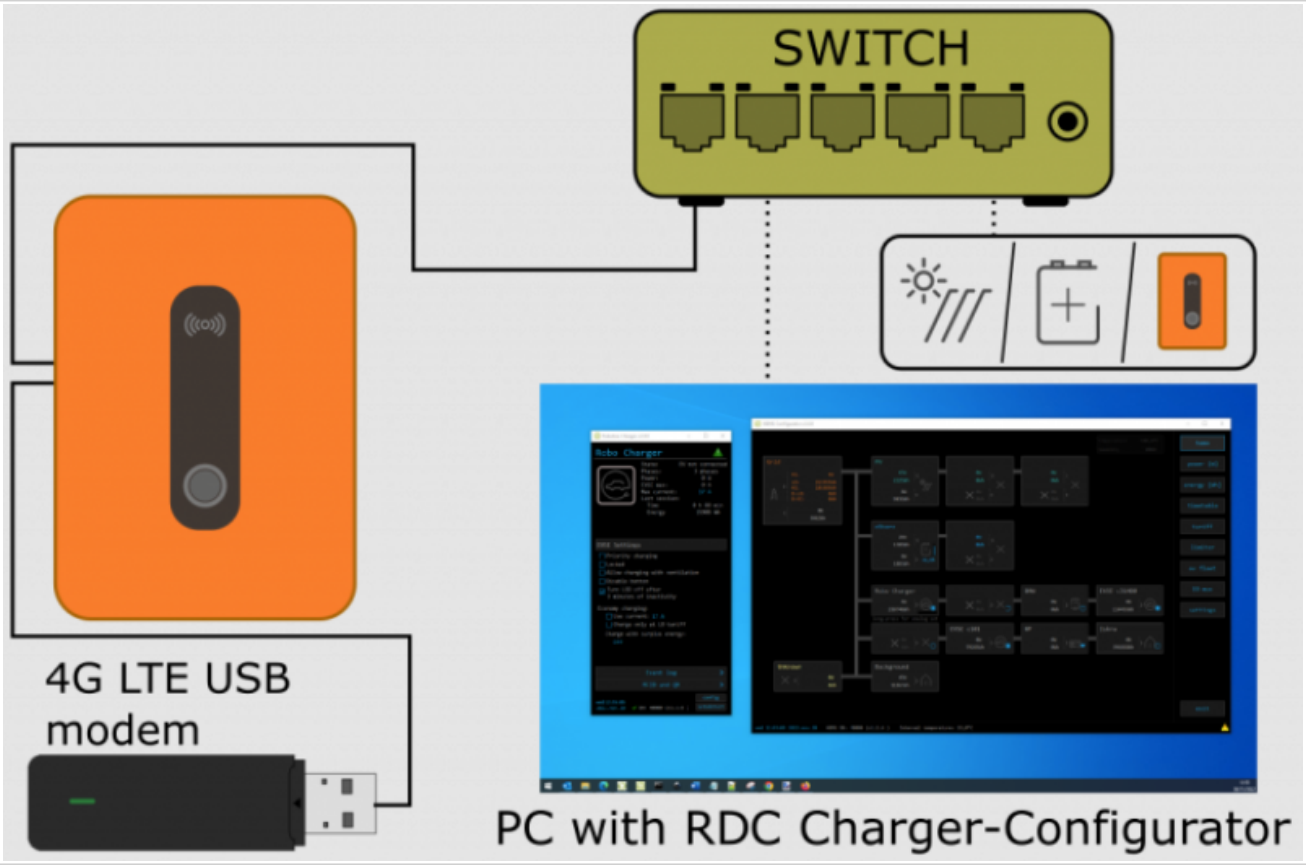



Default connection via LTE 4G modem:

**NOTE:** All connected devices will have internet access via LTE modem which can result in high costs on your LTE account.

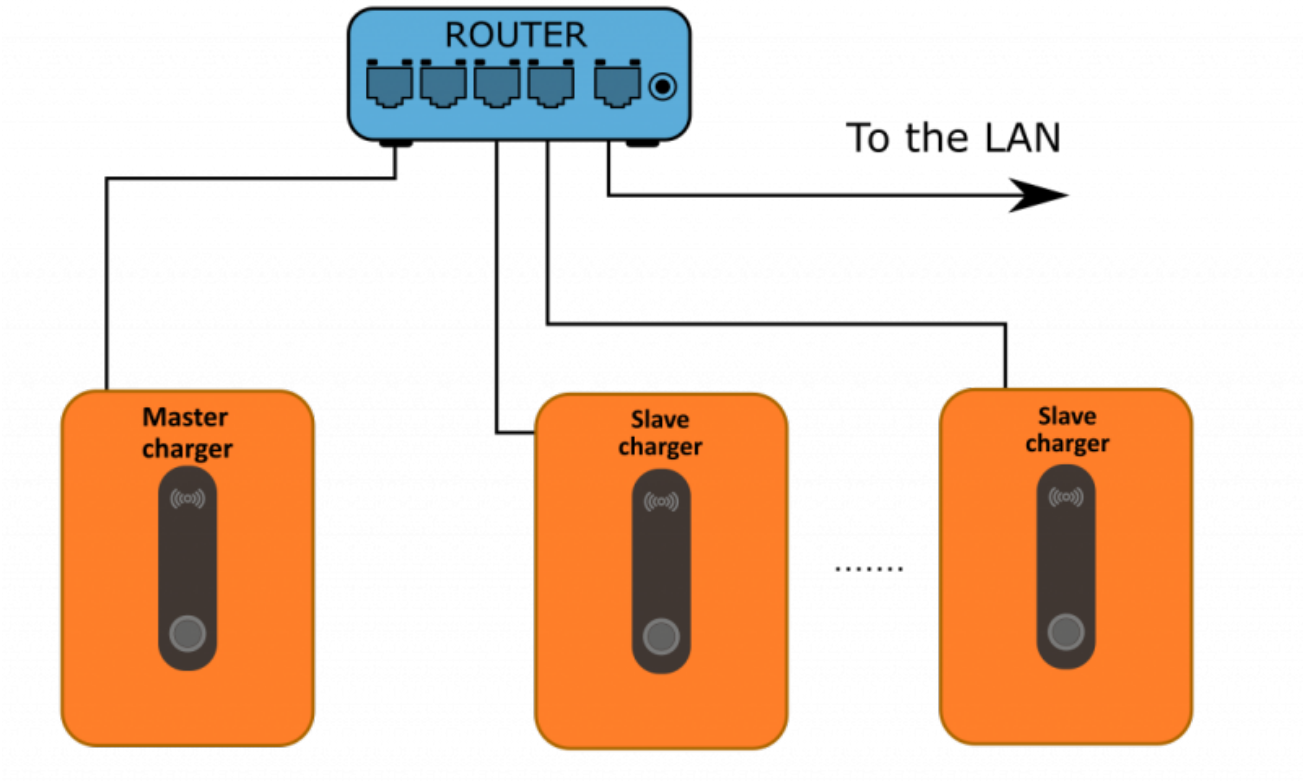



Optional LTE 4G modem connection:




**EV fleet connection**

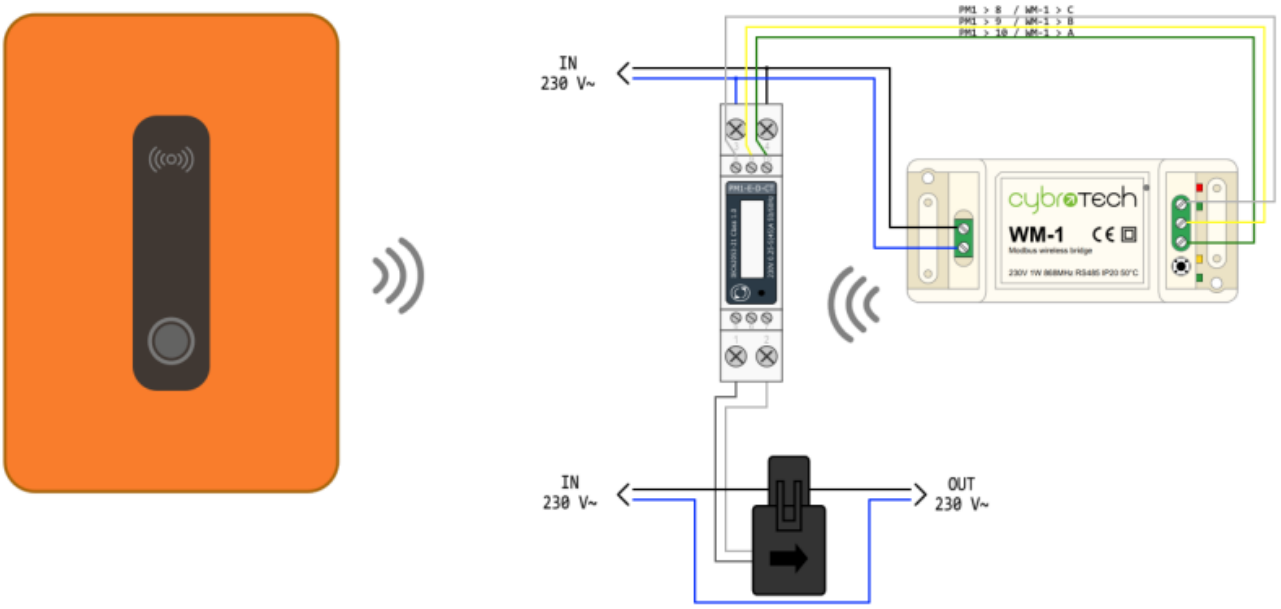
Control up to 8 RDC Chargers (EV fleet). Only one charger is master, others are slave. All chargers in fleet must be wired with ethernet cable to the same router.



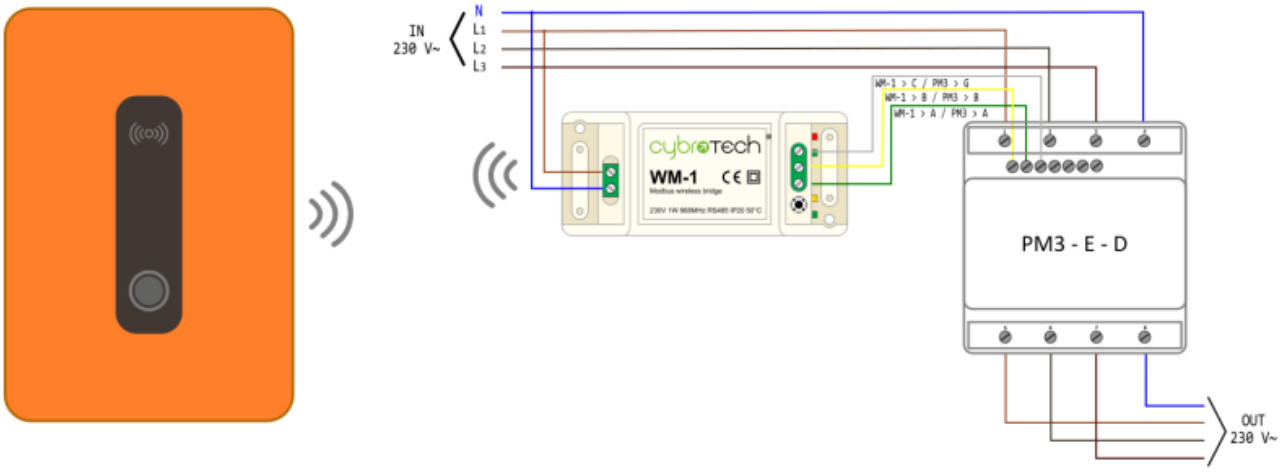

## 1.1. Wireless Power Sensors wiring

## Wireless power sensors

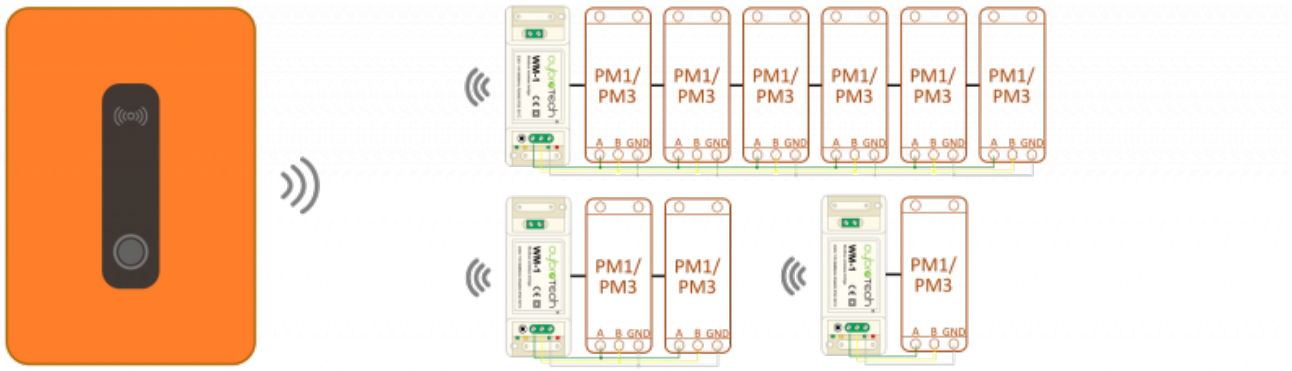
Single phase power-sensor with current transformer PM1-E-D-CT




3-phase power-sensor PM3-E-D

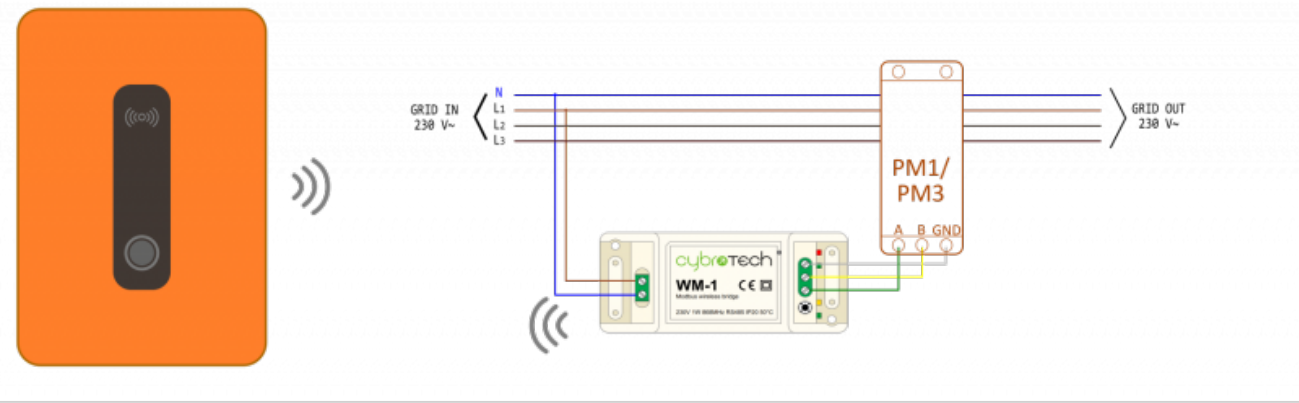



Charger and wireless power sensors.
One or more WM-1 modules can be used. One or more power sensors can be connected to one WM-1.



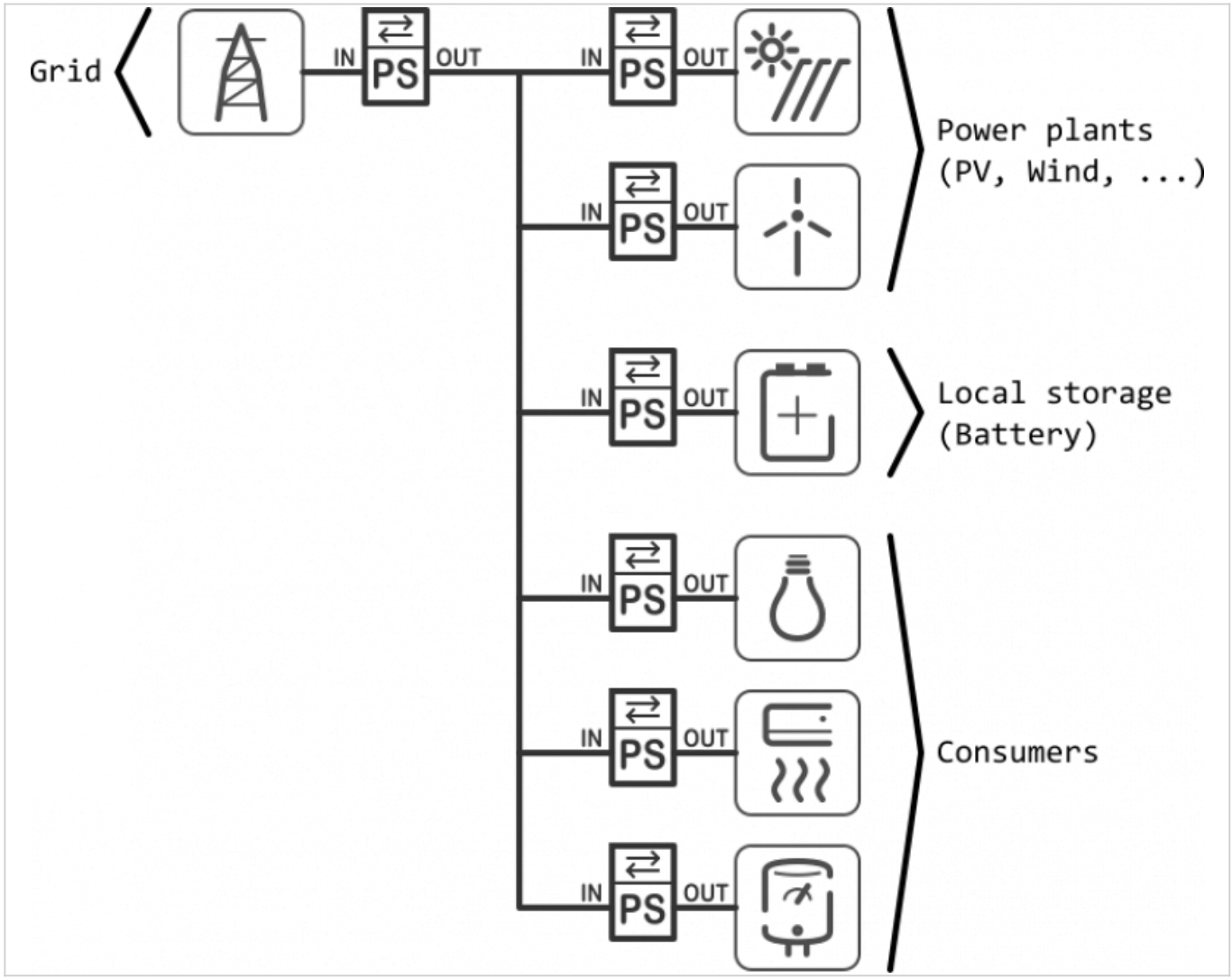

## Dynamic load management

Charger and grid power sensor.
**NOTE** Power sensor should be mounted in the building's electrical cabinet to measure input power & current




## 1.2. Wireless relay wiring

| **Wireless relay** |
| --- |
| Charger and wireless relay.<br>Up to 8 WR-1 modules can be used. |
|  |
| **Power sensors orientation** |


Grid
IN
PS
OUT
Power plants
(PV, Wind, ...)
Local storage
(Battery)
Consumers