⚡ REDUXI INSTALLER CERTIFICATION · KNOWLEDGE BASE

Checklist: planning and prerequisites for a Reduxi installation

Everything you clarify and bring before the installation appointment: devices, measurement point, material, space and network.

⏱ approx. 10 min · 🔧 Before the installation appointment · 📋 5 groups to tick off · 🎓 Module 2 · Installer certification

1 Clarify the devices in advance

- [ ] Device list created: manufacturer, model and location
- [ ] All devices checked in the **list of compatible devices**
- [ ] Device setup guides read (there is one for many devices)
- [ ] Communication active on every device: `Modbus TCP`, `Modbus RTU` or `OCPP`
- [ ] Access data and manufacturer app available: account, password, installer access or service code
- [ ] Connection data noted: IP address and port; for Modbus RTU the connection type, baud rate, data bits, stop bits and parity

2 Measurement at the grid connection point

- [ ] Root measurement clarified: all power flows are captured
- [ ] Measurement variant decided (you decide on site)
- [ ] Meters that can only be read via the infrared interface: IR sensor for the P1 Ultra planned
- [ ] Key for the customer interface of the grid operator requested: the customer contacts their grid operator in good time
- [ ] Fuse values for L1, L2 and L3 noted in the meter cabinet
- [ ] Connection power requested from the last electricity bill

3 Material and accessories

- [ ] Current transformer size for the Gateway clarified: 15, 30, 50 or 100 A, or without clamps
- [ ] Matching power supplies ordered (the P1 Ultra comes without one)
- [ ] SIM card available if mobile data is used, including PIN and APN (separately available, requests to sales@reduxi.eu)

4 Space and network

- [ ] Controller including power supply fits into the distribution cabinet (width in TE)
- [ ] Location of the controller and cable routes to inverter, battery and meter clarified
- [ ] Connection decided: Ethernet, WLAN or mobile data; free port on the router, number of routers known
- [ ] WLAN name and password ready (for the P1 Ultra only 2.4 GHz)
- [ ] Fixed IP addresses clarified with the customer
- [ ] Firewall approvals clarified with IT, if a firewall is in use (see “Reduxi Firewall rules”)

5 What you bring

- [ ] Reduxi app and Reduxi Cloud account
- [ ] Laptop for the local interface (web interface of the controller)