Installation checklist

A checklist for installers handing over a Batterieslab battery, from wiring to registration in the customer's name.

Use this list when you install a Batterieslab battery and hand it over to its owner.

Before installing

- ☐ The battery type, capacity and voltage match the system design.
- ☐ Every battery of a bank is the same type, capacity and age, and fully charged.
- ☐ The location is dry, ventilated, away from heat and direct sun, and within the battery's temperature range.
- ☐ The battery is secured so it can't move.

Wiring

- ☐ Correct polarity, checked before connecting.
- ☐ Cables sized for the maximum current, with proper lugs, and terminals tightened firmly.
- ☐ A fuse or breaker on the positive, sized for the cable and the battery.
- ☐ In a bank: equal cable lengths, and the bank connected diagonally.
- ☐ Series or parallel only as the manual allows.

Charging sources and loads

- ☐ Chargers, solar controllers and inverter-chargers set to LiFePO4 or to the battery's voltages; equalisation and temperature compensation off. See Charging.
- ☐ No charging from a vehicle's alternator.

Checks with Battery Monitor

- ☐ Connect to each battery: no alarm, the cells close together, the temperature normal.
- ☐ Charge and discharge briefly: the current shows in the app and nothing trips.

Handover

- ☐ The owner installs Battery Monitor and signs in with **their own** account.

- [ ] The owner registers each battery within 30 days of purchase, with the purchase date from the invoice: Registering your battery. Don't register a customer's battery to your own account.
- [ ] For an Ermis battery: the owner requests Ermis Cloud access, and the key is entered in the battery's settings page: Ermis.
- [ ] The owner keeps the invoice, and knows how to open a support case.
- [ ] In the partner portal, the battery is assigned to you as its installer, so you see it and its cases.