

Quick Start Guide (DE)



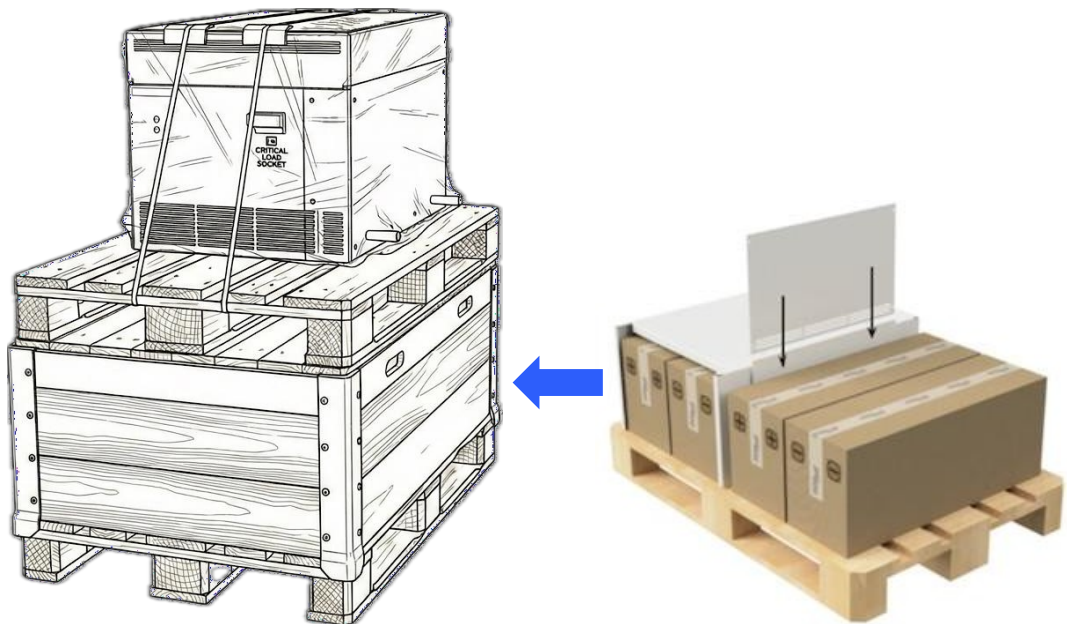
Complete

Package
Contents

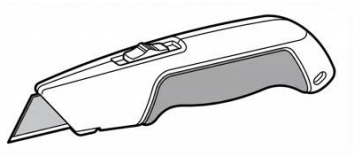
Item (AC Unit)	Quantity
AC Unit	1
Base Plate	1

Item (Power Unit)	Quantity (x Power Units)
Housing incl. front cover	1
Box with battery module	2
Bag containing Powerboard, BMS cable, module connectors, and housing screws (located inside the box)	1

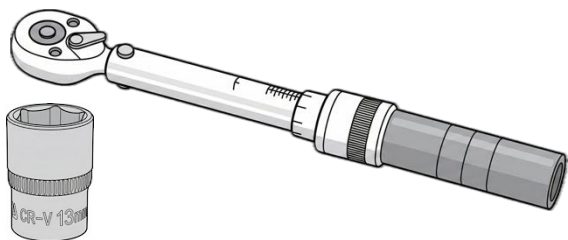
Item (cable set)	Quantity (x power units)
Connection Cable Set + / -	1
Patch cable (RJ45)	1
Fuses (100 A)	1
Quick Guide	1



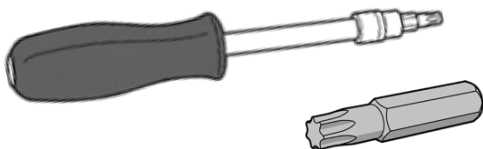
Tools



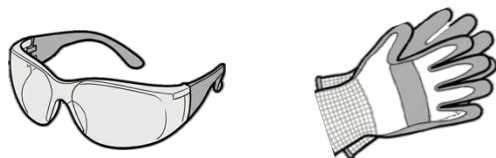
Utility knife



Torque wrench (10 Nm)
Socket (13 mm)

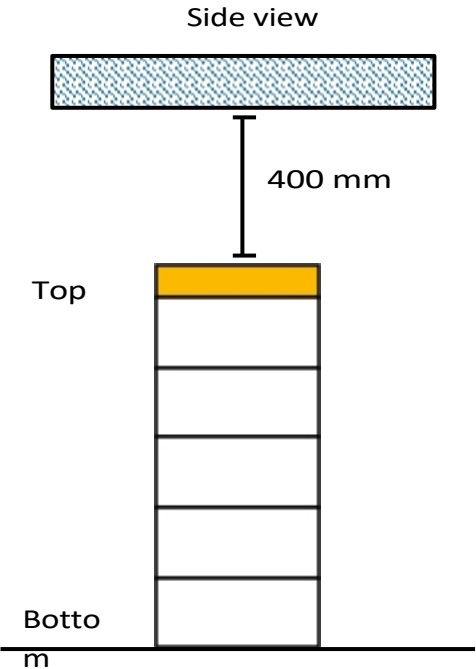
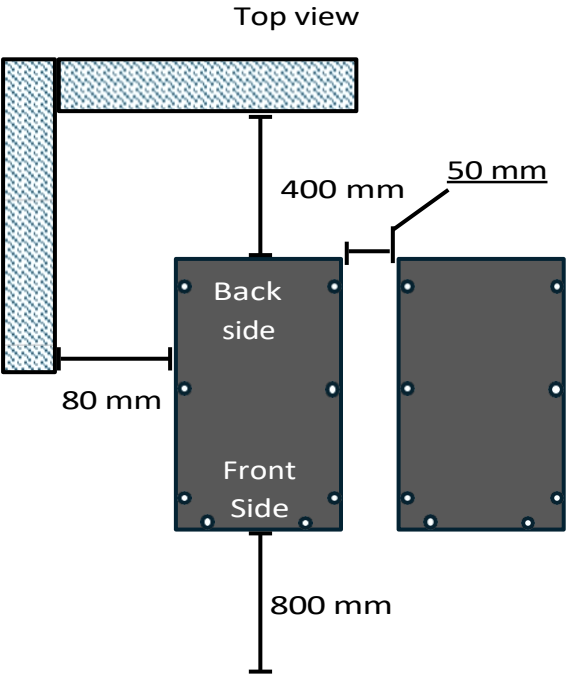


Screwdriver
TorxT25



Protective gear

Requirements

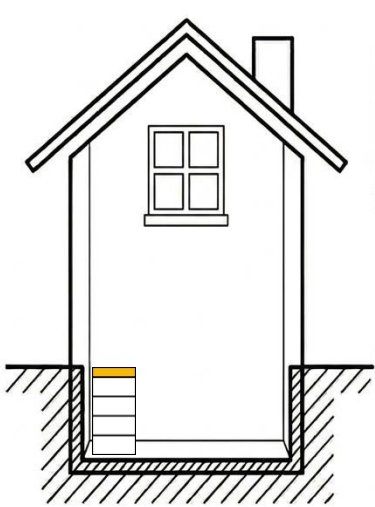


Requirements

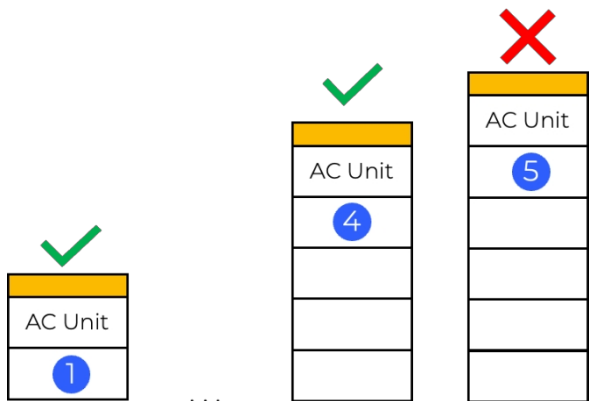
Garage



Basement



Restrictions



Max: +40°C



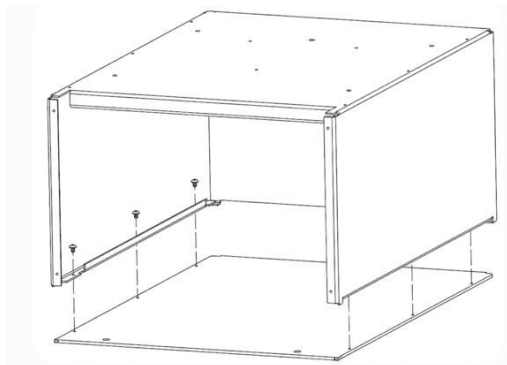
Min: +5°C



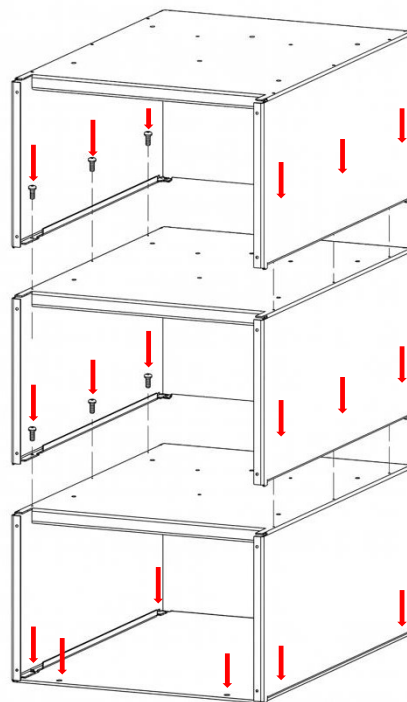
Number of modules:
Min: 1 / Max: 4

RH: +5% to +95%

Installation



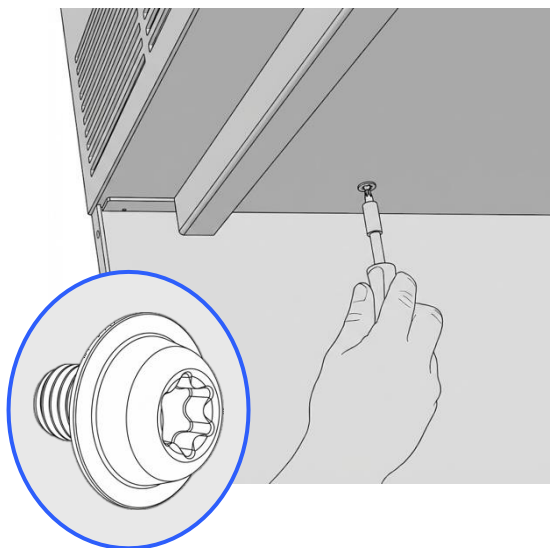
1. Place the housing on the base plate and secure it with 6 M5 screws



2. Screw the Power Unit housing

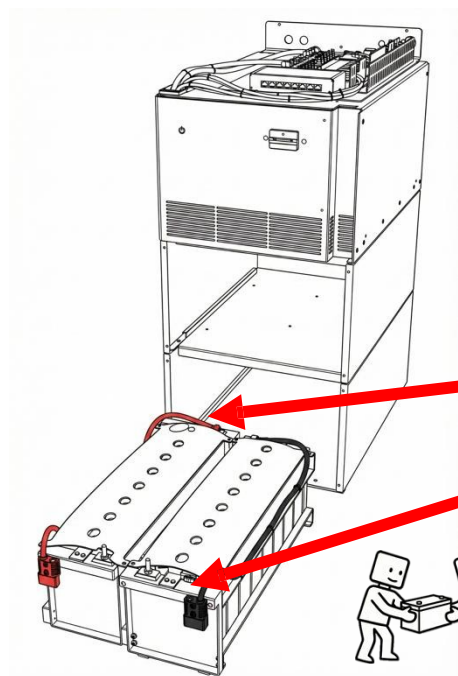


3. Lift the AC unit onto the housing.

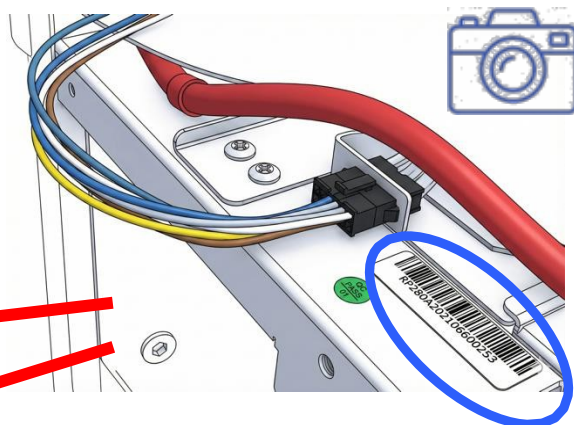


4. Mount the AC unit from below using 4 M5 screws.
Remove the yellow cover and the white serving g.

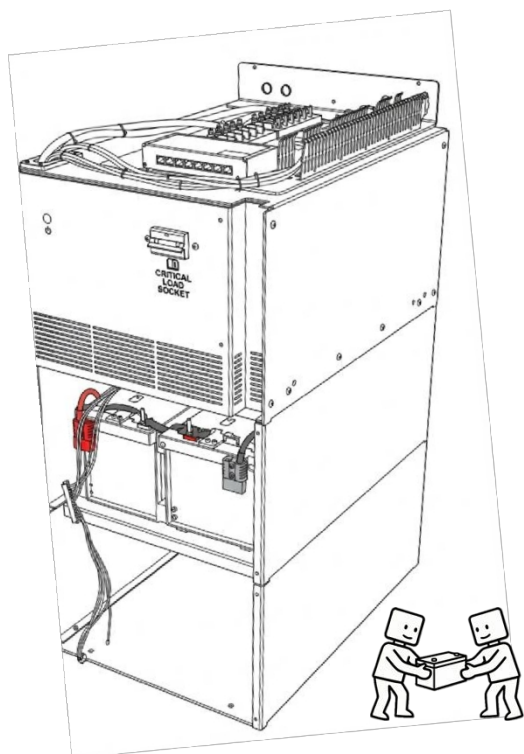
Installation



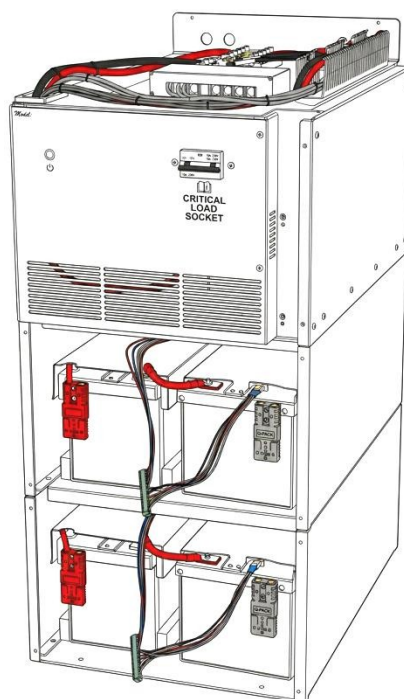
5. Place two modules in front of the housing: + (red) on the left, – (black) on the right.



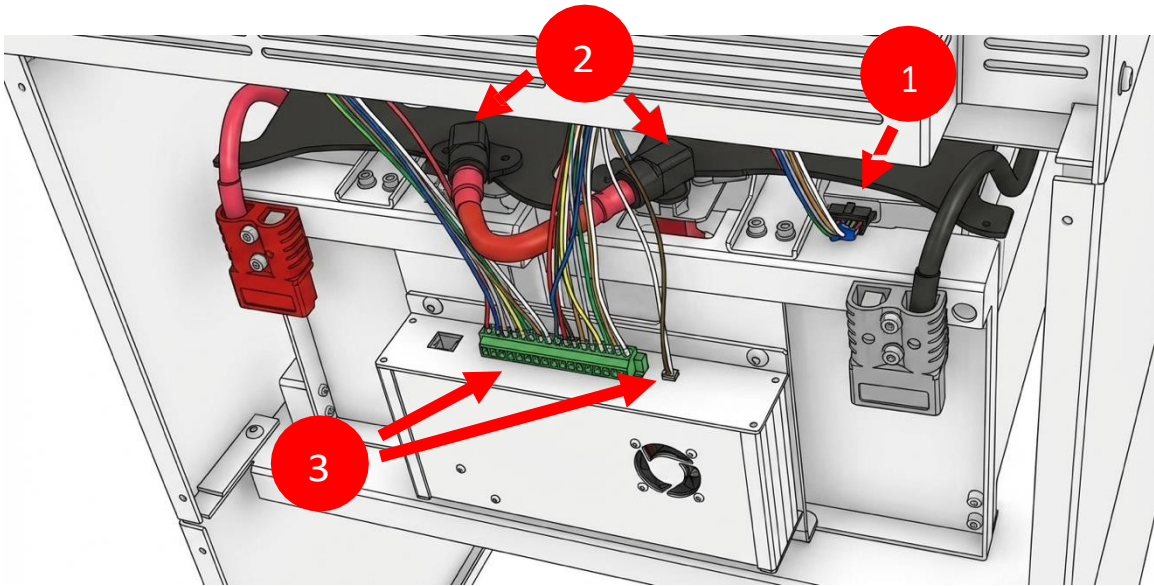
6. **IMPORTANT:** Connect the PowerBoard connector on the left module with the yellow label, and take a photo of the nearby barcode for the registration form.



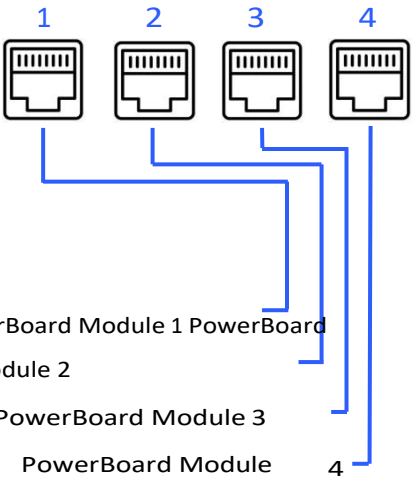
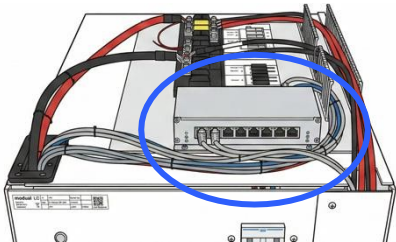
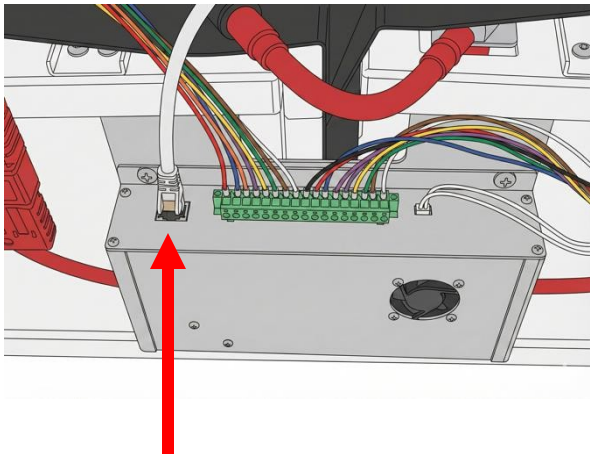
7. Slide the modules into the housing.



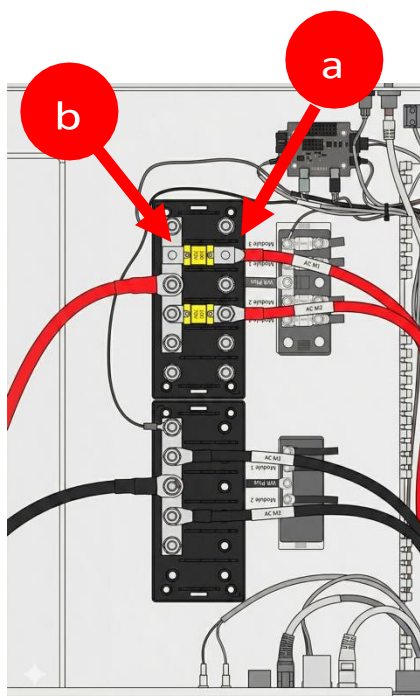
8. Repeat the process for the remaining modules.



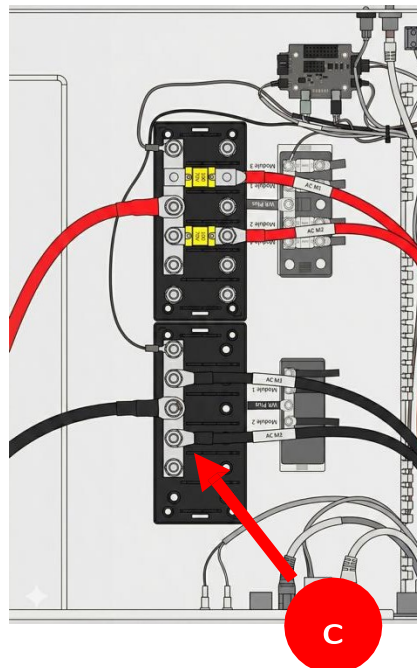
9. (a) Connect the PowerBoard cable to the right-hand module.
(b) Connect the modules with the red connecting cable. (c)
Connect the PowerBoard to the green and white connectors.



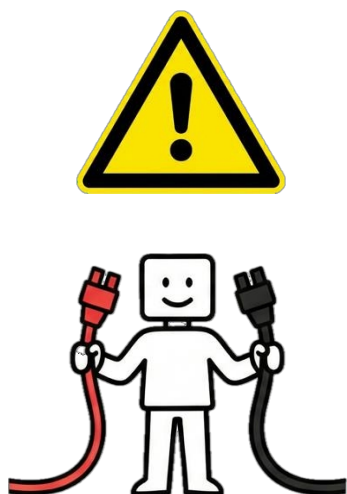
10. Connect the LAN cables from the AC Unit to each module



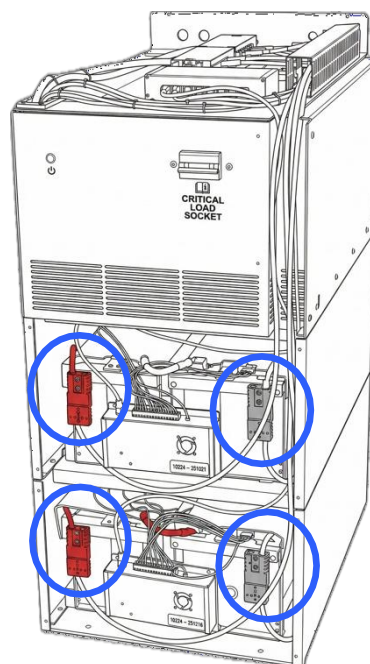
11. (a) Install the **red** (+) wires. (b) Install the **yellow** fuse; tighten to 10 Nm.



12. (c) Black (-) cables Install; tighten to 10 Nm.



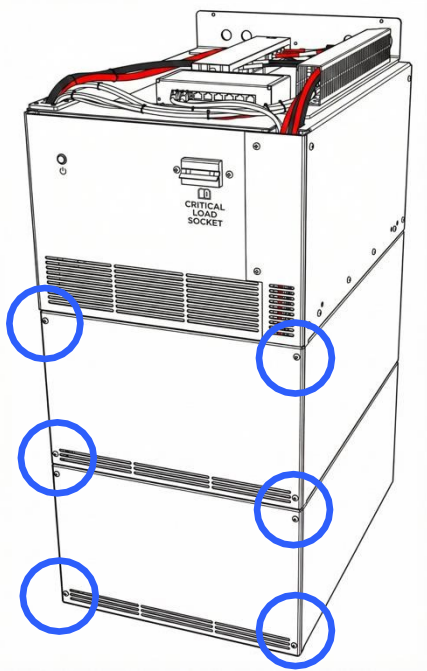
Steps 11 and 12 must be performed for all modules before proceeding.



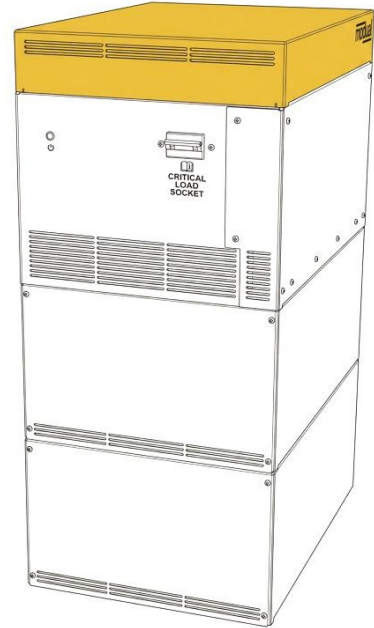
13. Connect the modules' **red** and black power cables to the red and gray connectors

Connect.

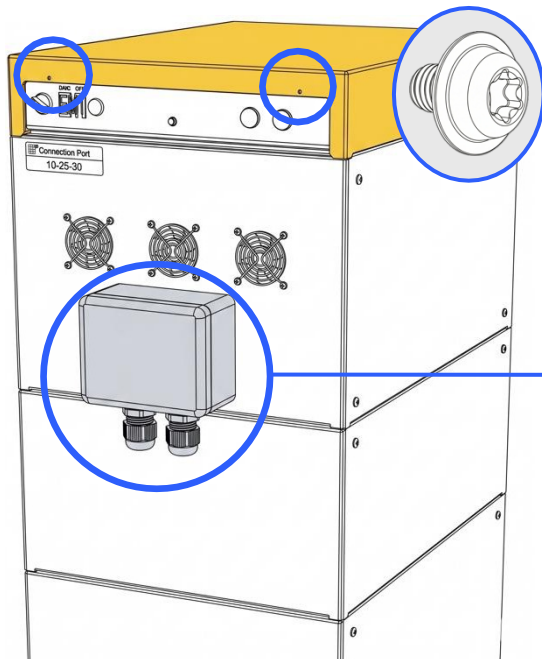
Installation



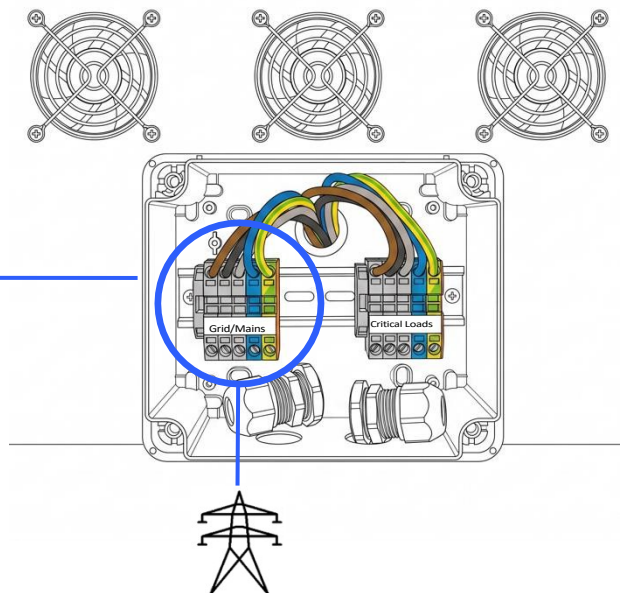
14. Front covers with M5 screws (4 per PowerUnit).



15. Install the housing cover (yellow) of the AC Unit and the service cover

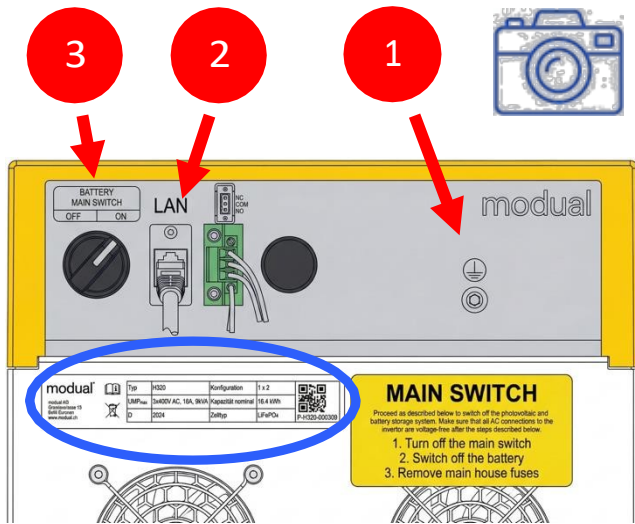


16. Secure the top cover with 2 M5 screws.

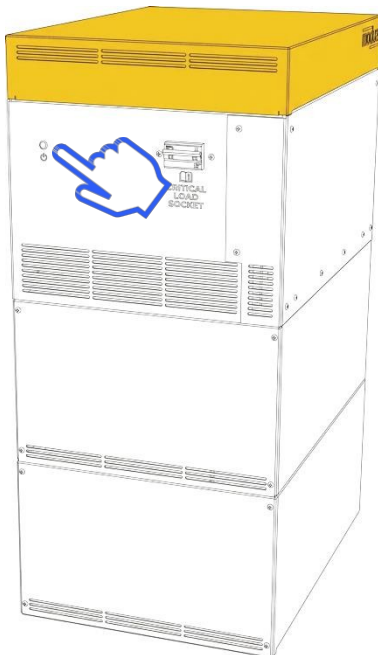


17. Install the left cable gland , route the power cord into the housing, and connect it to the left terminal block.
Right side only if needed (emergency power).

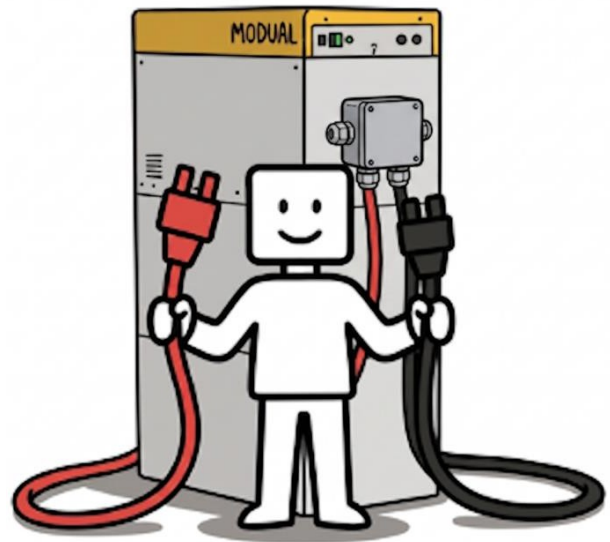
Installation



18. (1) Equipotential bonding conductor Connect. (2) Connect the LAN cable Connect. (3) Turn on the Turn on the main switch.



19. Press the on/off button.



Installation complete.

Configuration



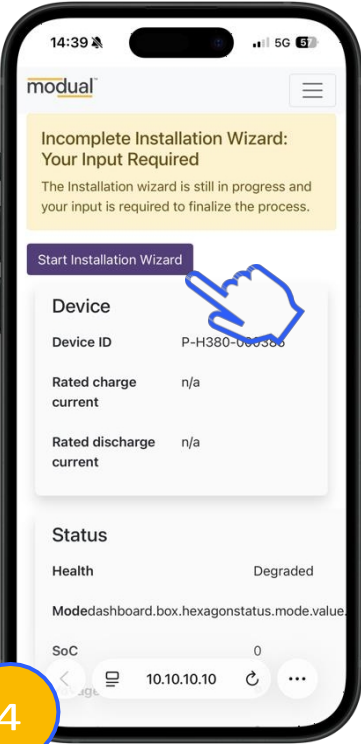
1
Password:
battery_storage



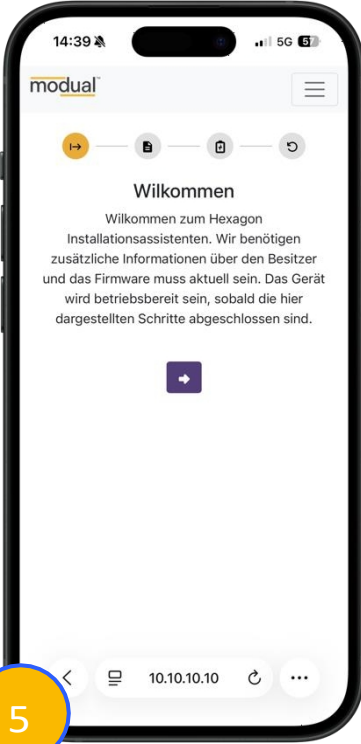
2



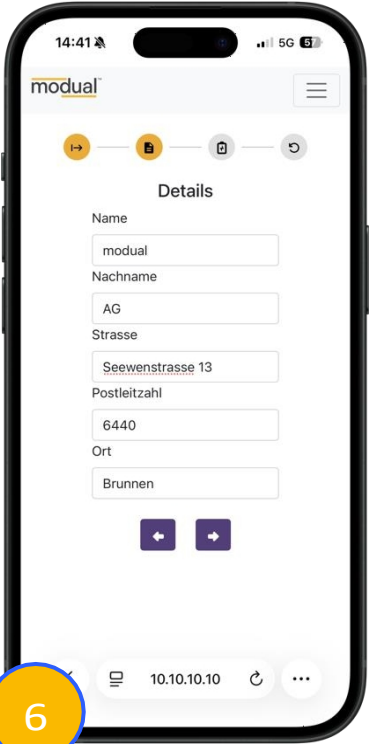
3
Open Safari/Chrome.
Enter: 10.10.10.10



4

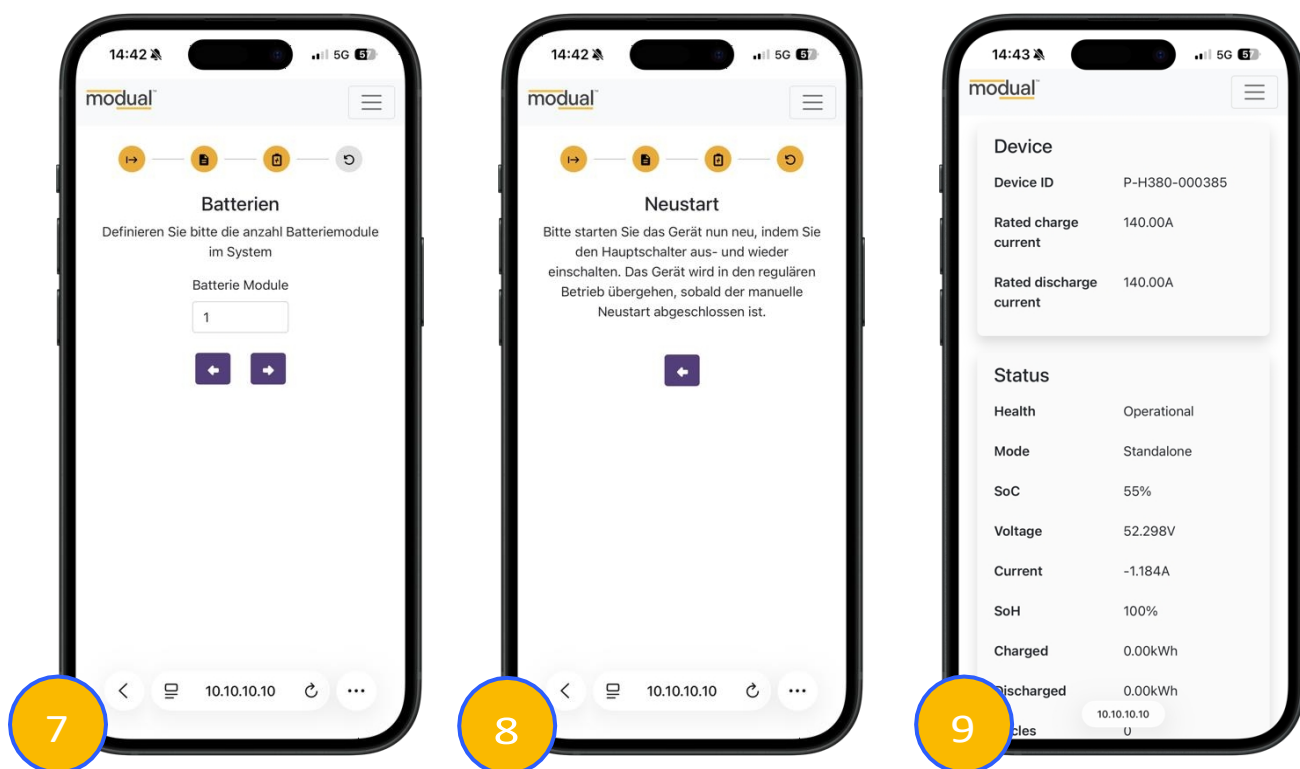


5



6

Configuration



Setup complete.

modual AG
Seewenstrasse 13
6440 Brunnen
+41 41 244 05 50
www.modual.ch

Technical Support
+41 41 244 05 55
kundendienst@modual.ch