

# Battery vision

# Inverter vision three 1.0

IMPORTANT: Check whether these instructions are up-to-date.  
You can find the current version and all language variants  
under this QR code:



**Quickstart Guide**

**Schnellstartanleitung**

**Guide de démarrage rapide**

**Guida rapida**

**Snelstartgids**

**Guía rápida de instalación**

For detailed Installation and Operating Instructions scan the QR code below.



Für die ausführliche Installations- und Bedienungsanleitung scannen Sie den folgenden QR code.



Pour des instructions d'installation et d'utilisation détaillées, scannez le code QR ci-dessous.



Per istruzioni dettagliate sull'installazione e l'uso, scansionare il codice QR qui sotto.



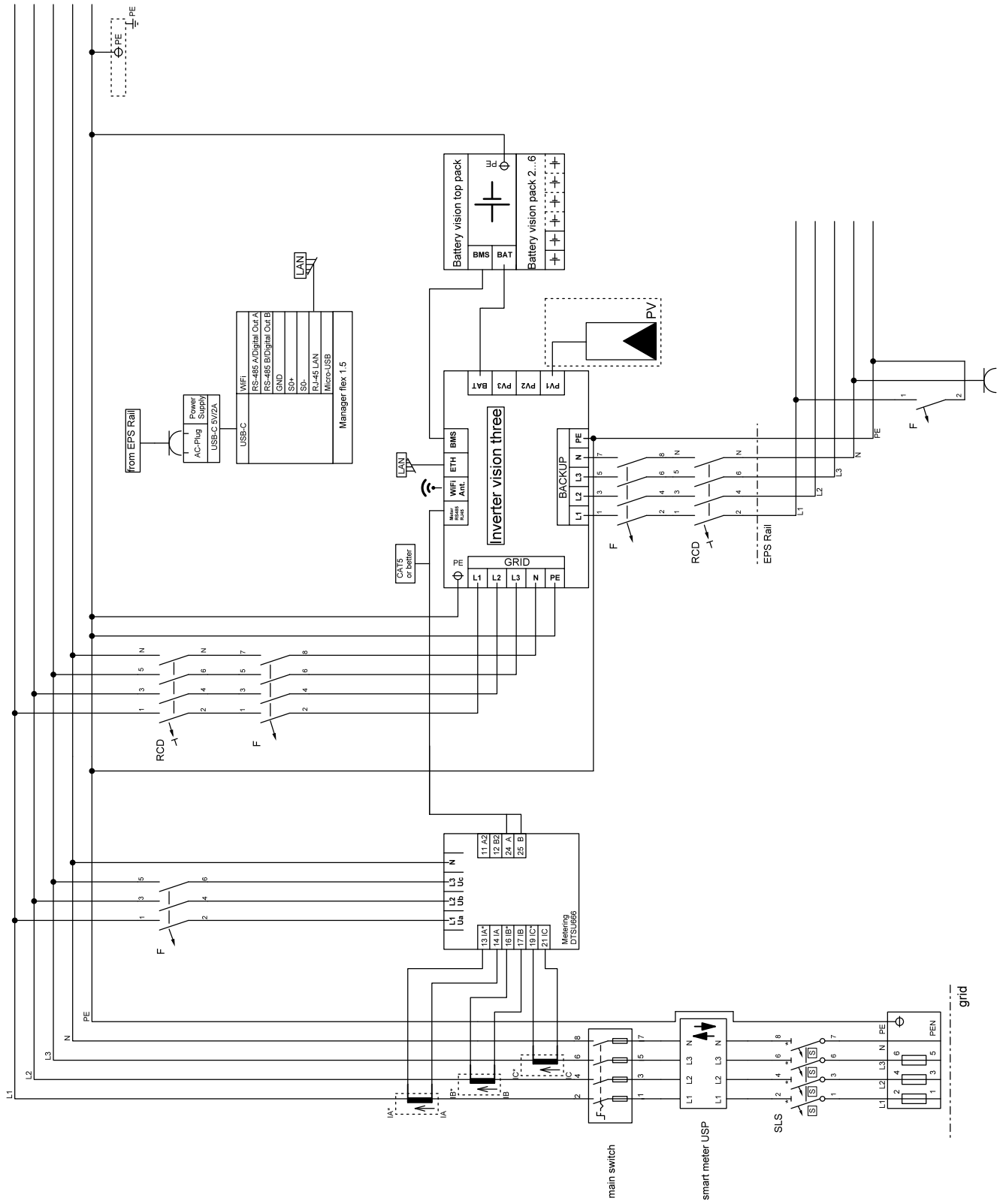
Scan de QR-code hieronder voor gedetailleerde installatie en gebruiksinstructies.



Para obtener instrucciones detalladas de instalación y funcionamiento, escanee el siguiente código QR.



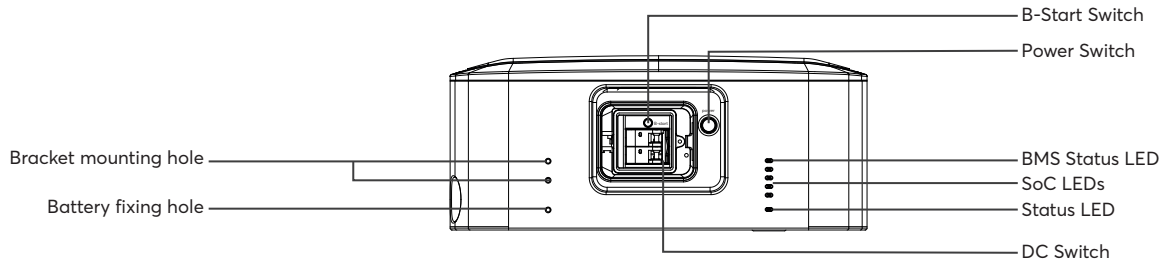
# SYSTEM DESIGN



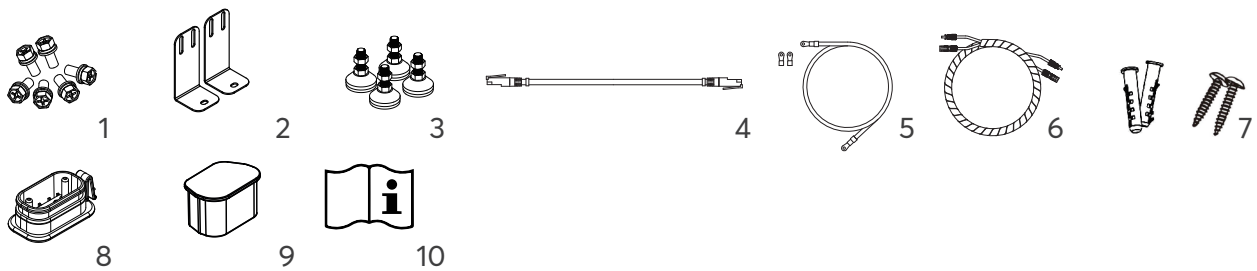
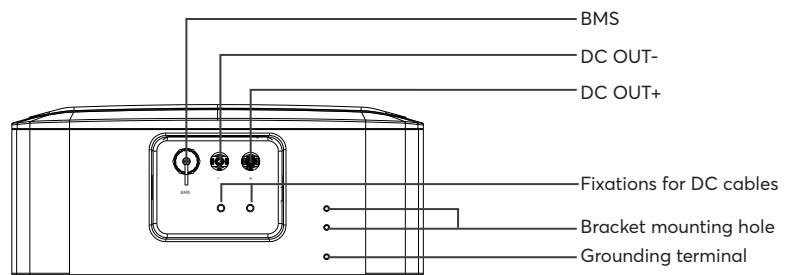
## DEVICE DESIGNS AND PACKING LISTS

### Battery vision top pack 1.0 (2.6 kWh)

View from the left side



View from the right side



1 Screws (M5) for pack fixing and bracket-fixing

2 Fixing bracket

3 Footstand

4 Communication cable BMS - Inverter (1,5 m)

5 Grounding cable with additional cable lugs

6 DC cable battery (1,5 m)

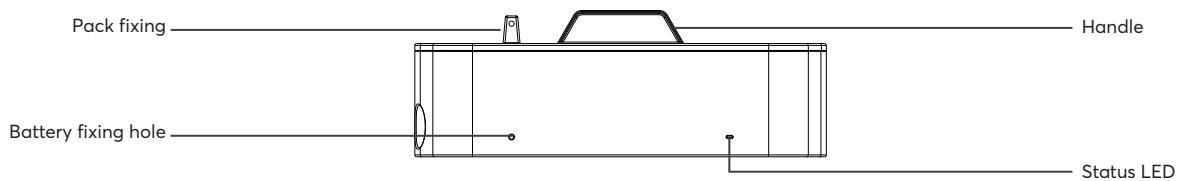
7 Screws for wall-fixing

8 Bridging plug

9 Connector protection cover

10 Quickstart Guide Safety Instructions

### Battery vision pack 1.0 (2.6 kWh)



23



24

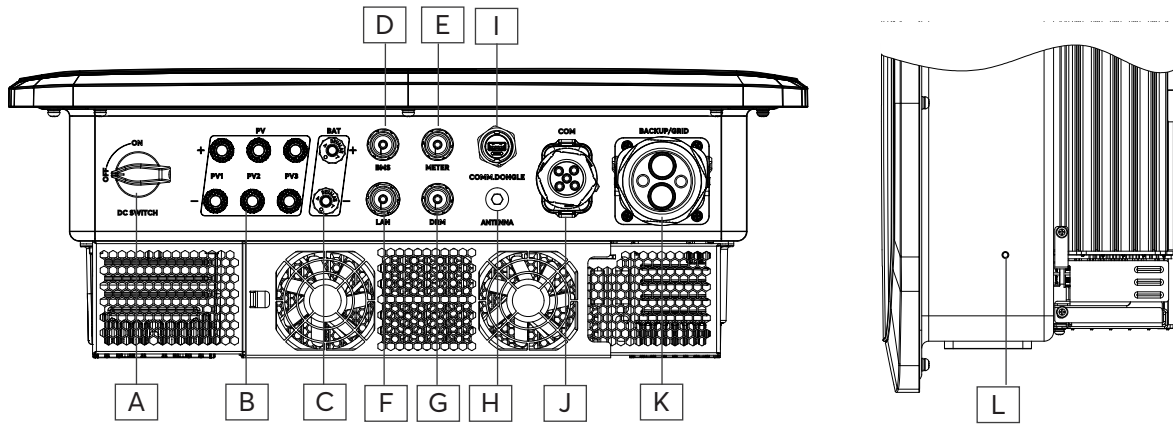
23 Screws (M5) for pack-fixing

24 Safety Instructions

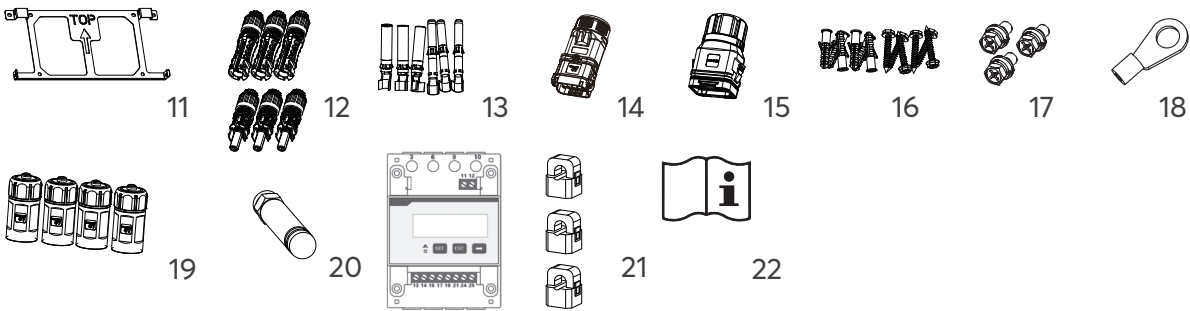


# DEVICE DESIGNS AND PACKING LISTS

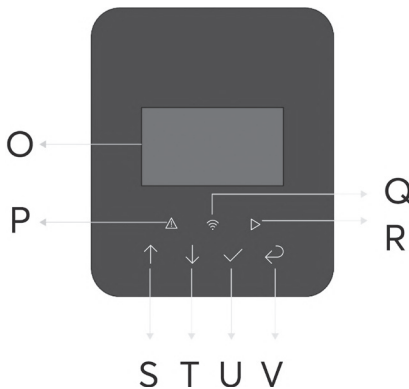
## Inverter vision three 1.0



- |                     |           |                 |
|---------------------|-----------|-----------------|
| A DC SWITCH         | E METER   | I COMM. DONGLE  |
| B PV 1, PV 2, PV3   | F LAN     | J COM           |
| C BATTERY CONNECTOR | G DRM     | K BACKUP / GRID |
| D BMS               | H ANTENNA | L GROUNDING     |



- |   |                                    |  |
|---|------------------------------------|--|
| 11 Fixing bracket                                     | 16 Screws and dowels (wall fixing) | 22 Quickstart Guide<br>Safety Instructions |
| 12 PV connectors (MC4 Stäubli)                        | 17 Screws (inverter fixing)        |  |
| 13 PV pin contacts                                    | 18 Cable lug for grounding cable   |  |
| 14 AC connector                                       | 19 Ethernet outdoor adapters       |  |
| 15 Communication connector<br>(optionally applicable) | 20 Antenna                         |  |
|   | 21 Meter with CT-clamps            |  |

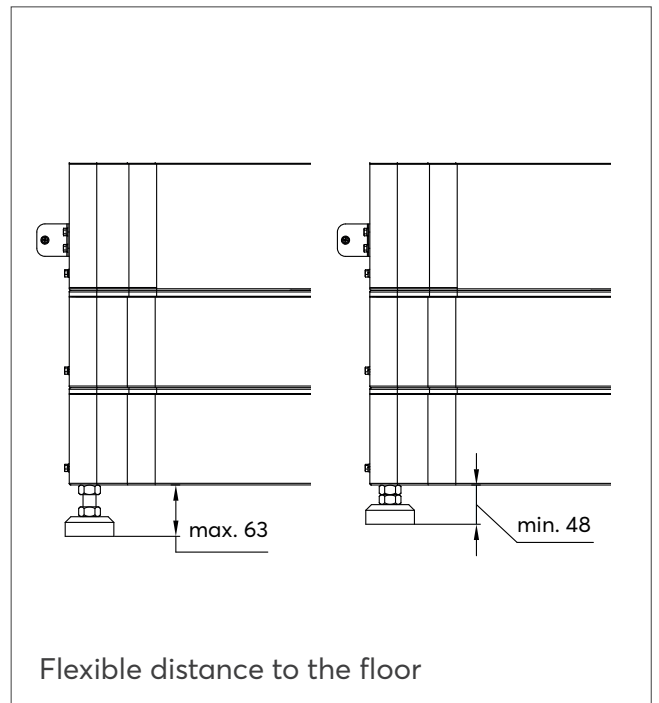
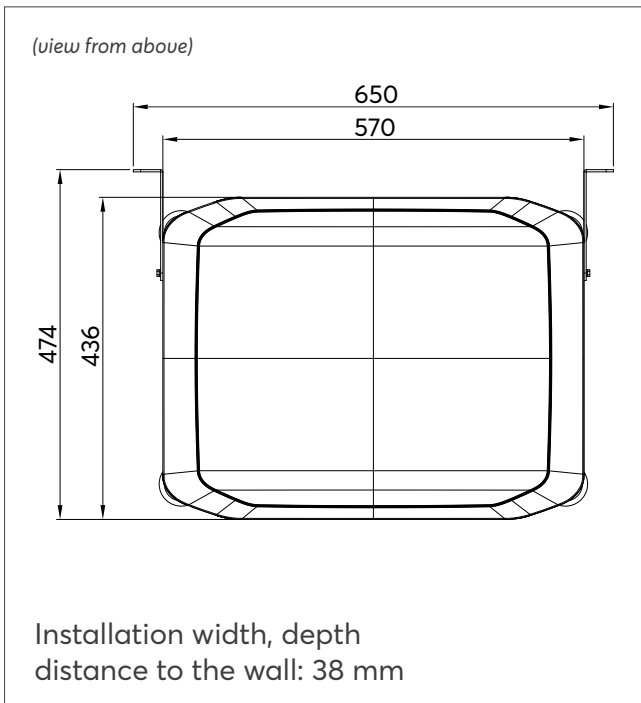
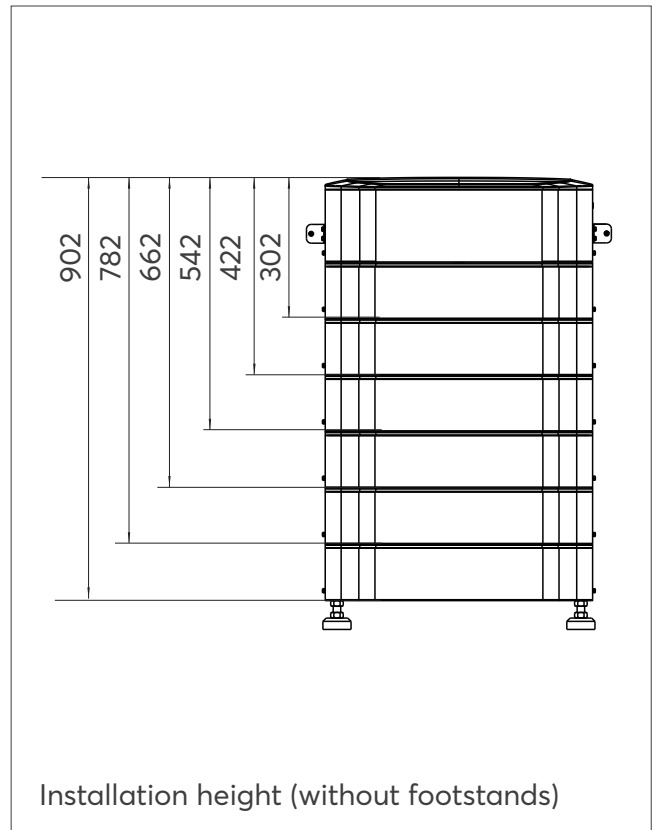
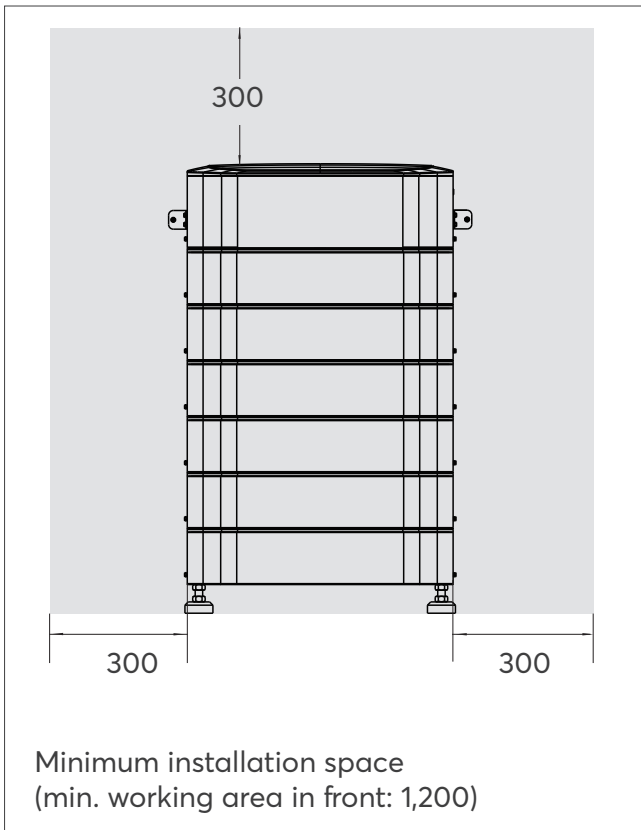


- O LC display
- P red: fault
- Q blue: WiFi/LAN status
- R green: operational state
- S move up; increase value
- T move down; decrease value
- U confirm
- V return/exit

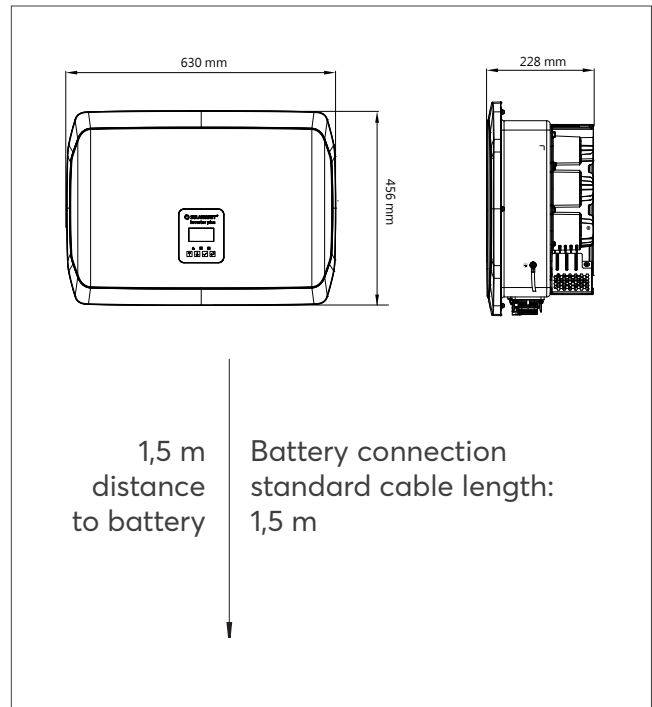
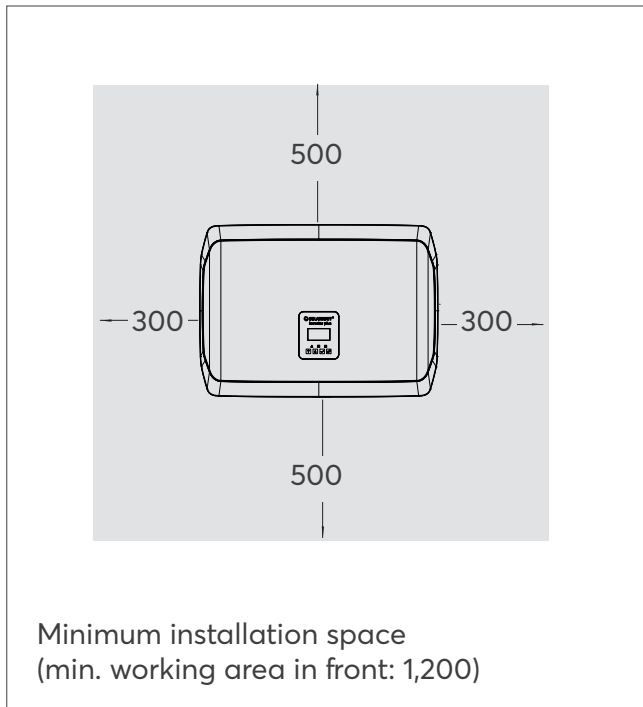
### Additional equipment required:

- communication cable (2-core RS485 cable) to chint-meter
- DC- and AC-cable for inverter
- LAN cable for inverter (optional)
- grounding cable for inverter
- circuit breaker

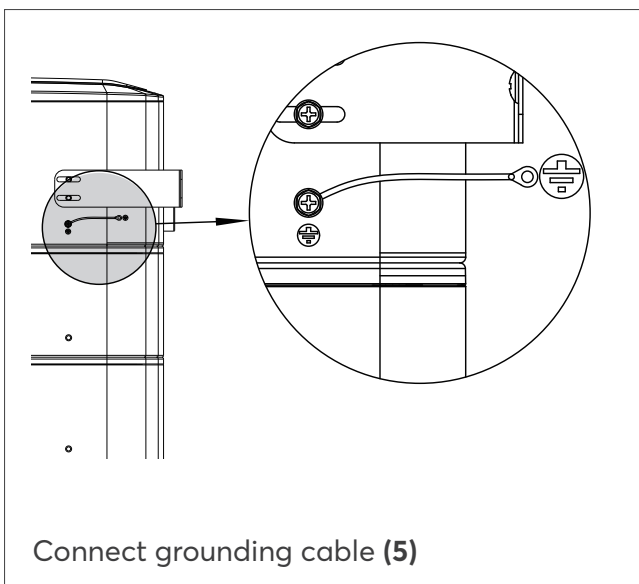
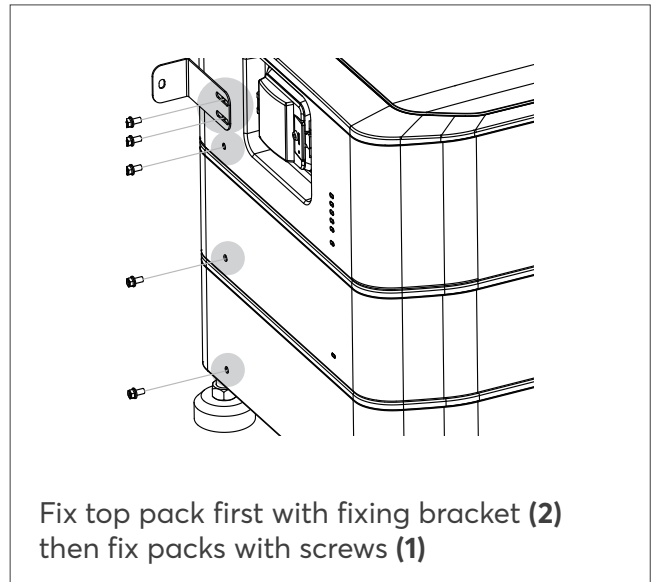
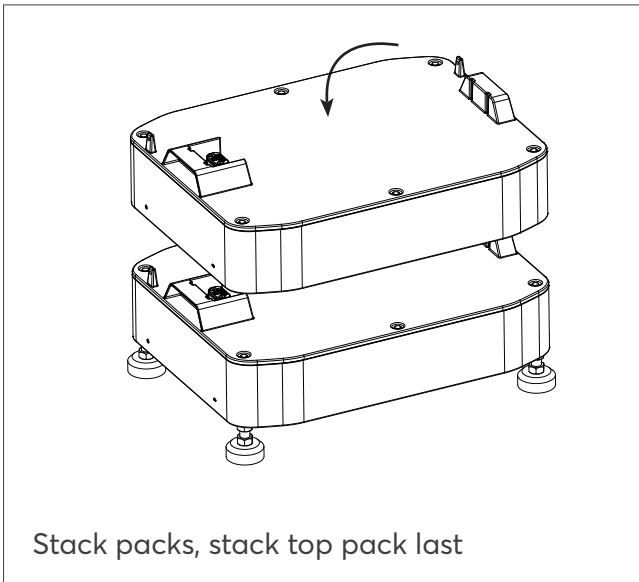
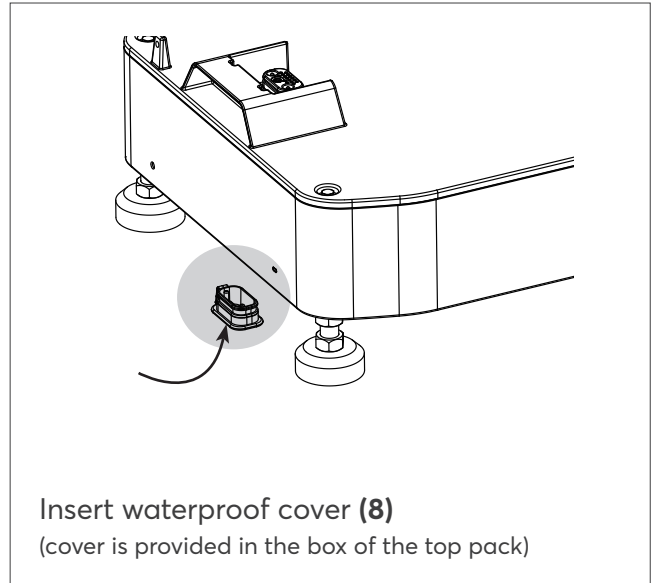
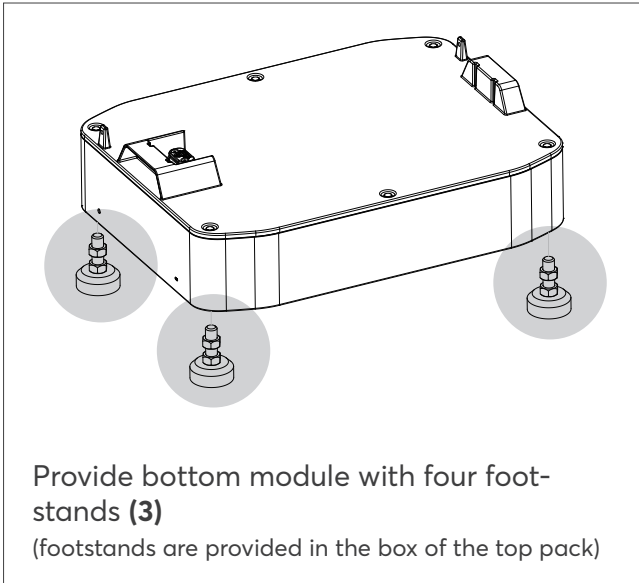
## DIMENSIONS BATTERY VISION [MM]



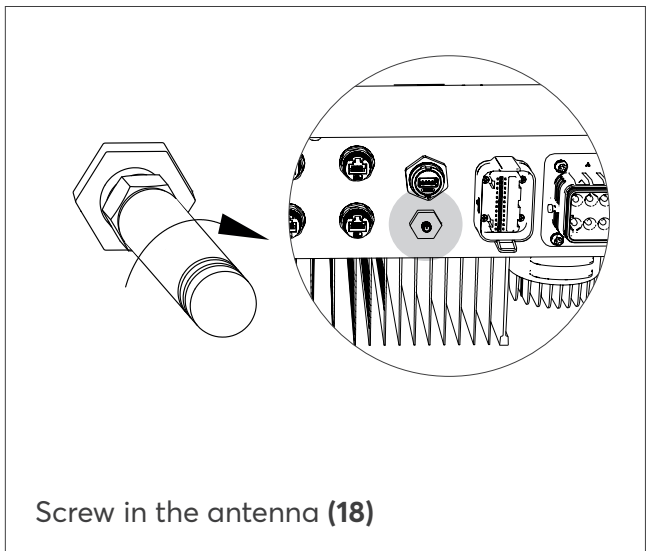
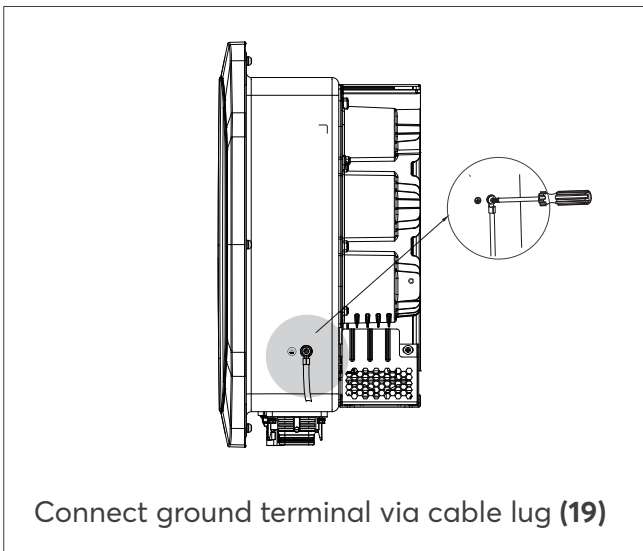
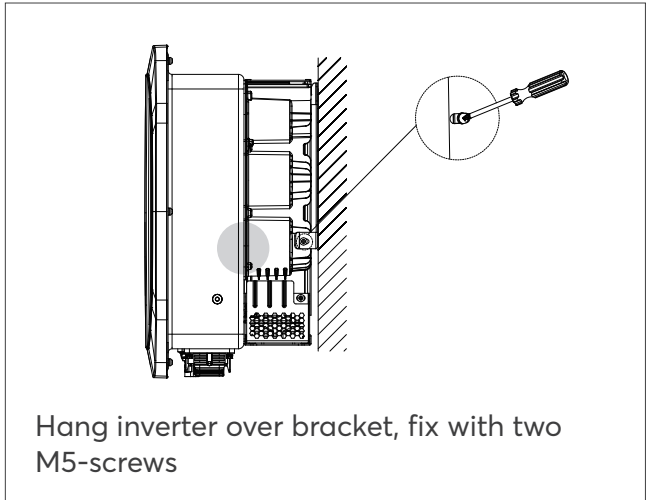
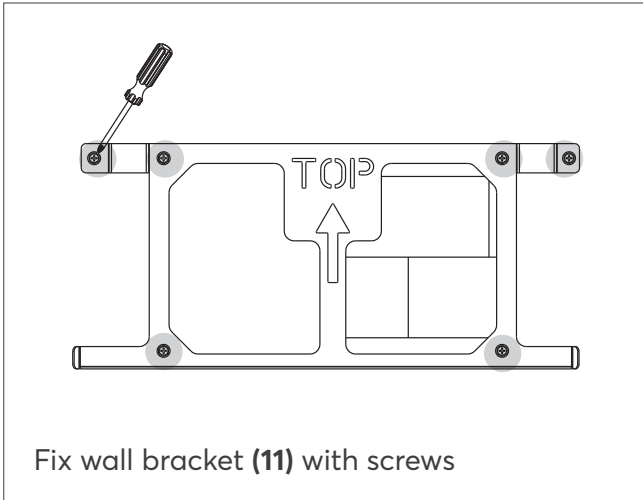
## DIMENSIONS INVERTER VISION ONE [MM]



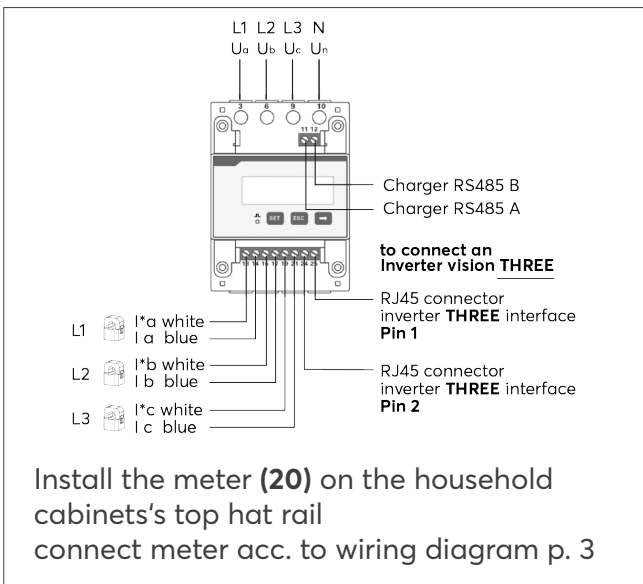
## BATTERY PACKS ASSEMBLY AND WIRING



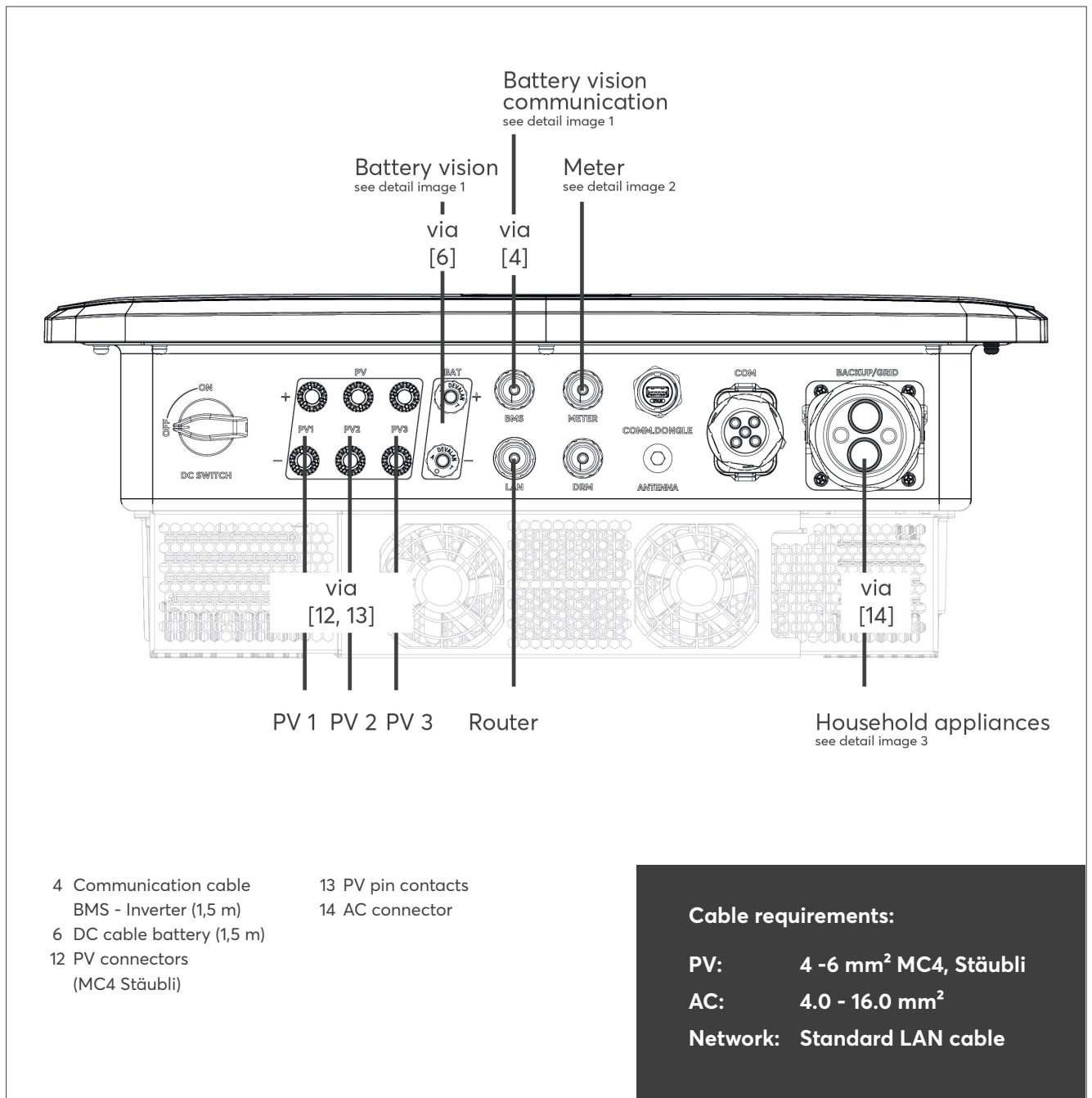
## INVERTER ASSEMBLY AND WIRING



## METER INSTALLATION AND WIRING



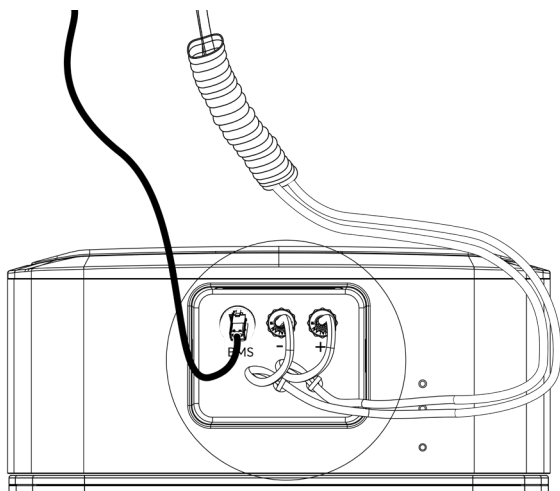
## INVERTER WIRING



# INVERTER ASSEMBLY AND WIRING

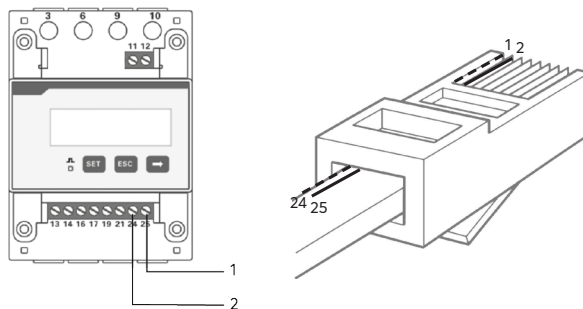
## detail 1

Inverter interfaces  
BMS      Battery



Connect Battery (6, 4)

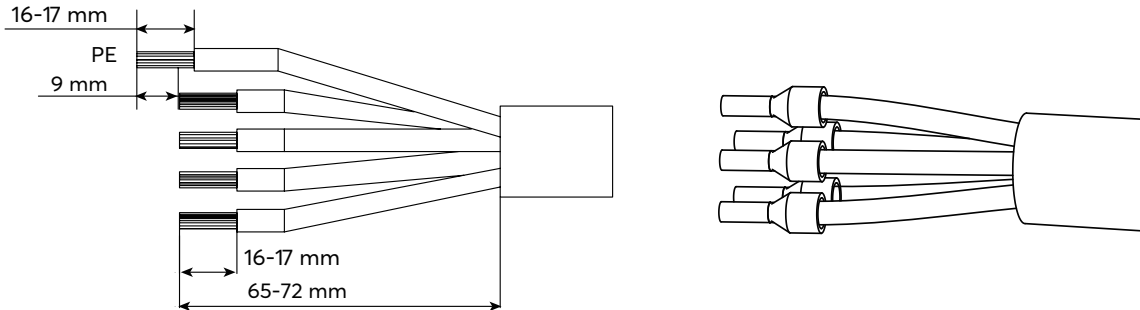
## detail 2



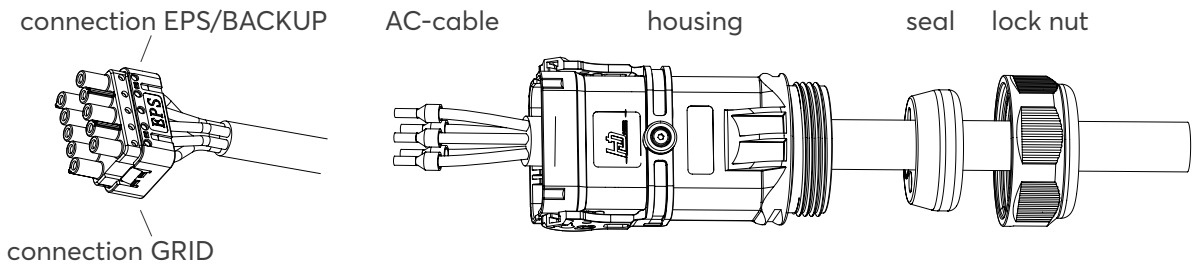
PIN meter	24	25
PIN RJ 45 plug for the inverter	2	1

Connect meter (16)

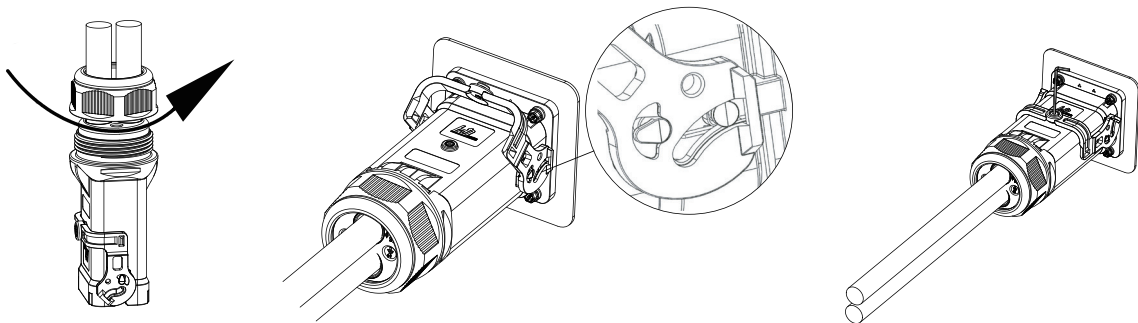
# detail 3



Strip cable sheath, strip cable insulation and crimp wire end ferrules on the cable.



Feed AC cable through AC plug components. Connect the cable ends of the grid connection cable and the backup cable according to the conductor designation on the plug.

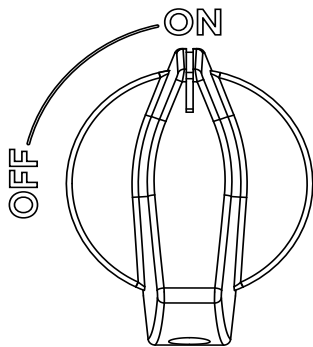


Fix the lock nut. Plug the AC cable into the BACKUP/GRID port, Reposition the safety clip. Fix the safety clip.



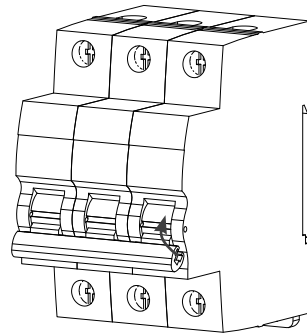
## SYSTEM START UP

1



Turn inverter DC switch ON

2



Turn on

- AC breaker Grid
- AC breaker Backup (if locally required)

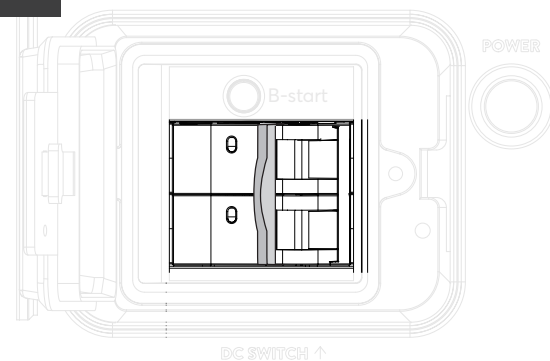
3



Press inverter confirm button  for 3 sec.

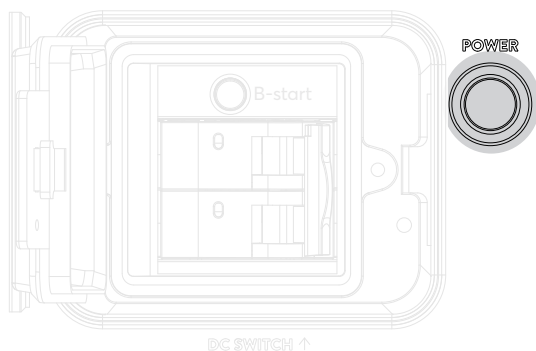
- set grid code for grid safety
- set the current date & time
- select START

4



Turn battery DC switch (top pack) ON

5



Press battery POWER button (top pack)

**You do not need an inverter password for the initial installation. For subsequent settings, the password is 0000.**

## PRO APP BINDING



Download Pro app and login with your Pro account

### Pro app commissioning features:

#### Inverter vision

- Make the device connectable via WiFi
- Download CEI 0-21 selftest-protocol (Italy)
- Set  $\cos \varphi$
- Limit apparent power AC input

#### Charger vision


- Make the device connectable via WiFi
- RFID authorization
- Set maximum charging current (A)
- Setup load management (in preparation)

Find and install the inverter via Pro app for using the following features

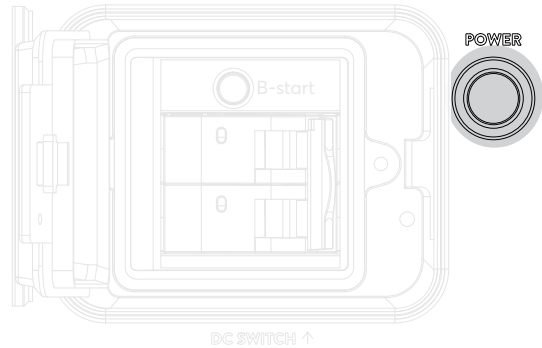
## SYSTEM SWITCH OFF

1



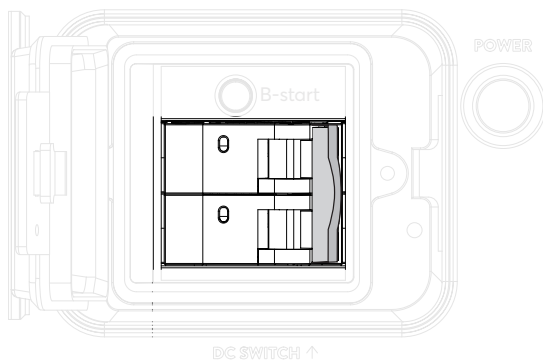
Press inverter confirm button  for 3 sec.  
• select STOP

2



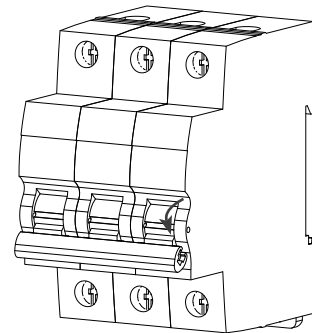
Press battery POWER button (top pack)

3



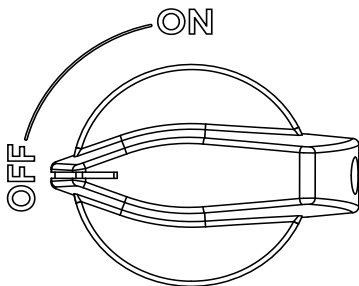
Turn battery DC switch (top pack) OFF

4



Turn off  
• AC breaker Grid  
• AC breaker Backup (if locally required)

5



Turn inverter DC switch OFF

## **Do you have any questions? Please feel free to contact us.**

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## **Sie haben Fragen? Melden Sie sich gern bei uns**

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## **Vous avez une question? N'hésitez pas à nous contacter.**

Solarwatt France  
15 Chemin du Saquin  
69130 Ecully

+33 (0) 4 69 85 17 70  
info.france@solarwatt.com  
solarwatt.fr

## **Se avete domande, non esitate a contattarci.**

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35129 Padova

info.italy@solarwatt.com  
solarwatt.it

## **Hebt u vragen? Neem gerust contact met ons op.**

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info.benelux@solarwatt.com  
solarwatt.nl/solarwatt.be

## **¿Tiene alguna pregunta? Póngase en contacto con nosotros.**

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solarwatt.es





Disposal as dangerous good via your installer



Disposal as electronic waste



Élimination comme produit dangereux par l'installateur



Élimination en tant que déchet électronique



Smaltimento come bene pericoloso tramite il vostro installatore



Smaltimento come rifiuto elettronico



Verwijdering als gevaarlijk goed via uw installateur



Verwijdering als elektronisch afval



Eliminación como mercancía peligrosa a través de su instalador



Eliminación como residuo electrónico



