

Battery vision 1.0 / 2.0

Inverter vision three 1.0

IMPORTANT: Please refer to the respective type plate to determine which generation of battery packs you have. Check whether these instructions are up-to-date. You can find the current version and all language variants under this QR code:



WICHTIG: Welche Gerätegeneration Battery packs vorliegt, entnehmen Sie bitte dem jeweiligen Typenschild. Prüfen Sie, ob diese Anleitung aktuell ist. Die aktuelle Version und alle Sprachvarianten finden Sie unter diesem QR-Code:

Quickstart Guide

Schnellstartanleitung

Guide de démarrage rapide

Guida rapida

Snelstartgids

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.



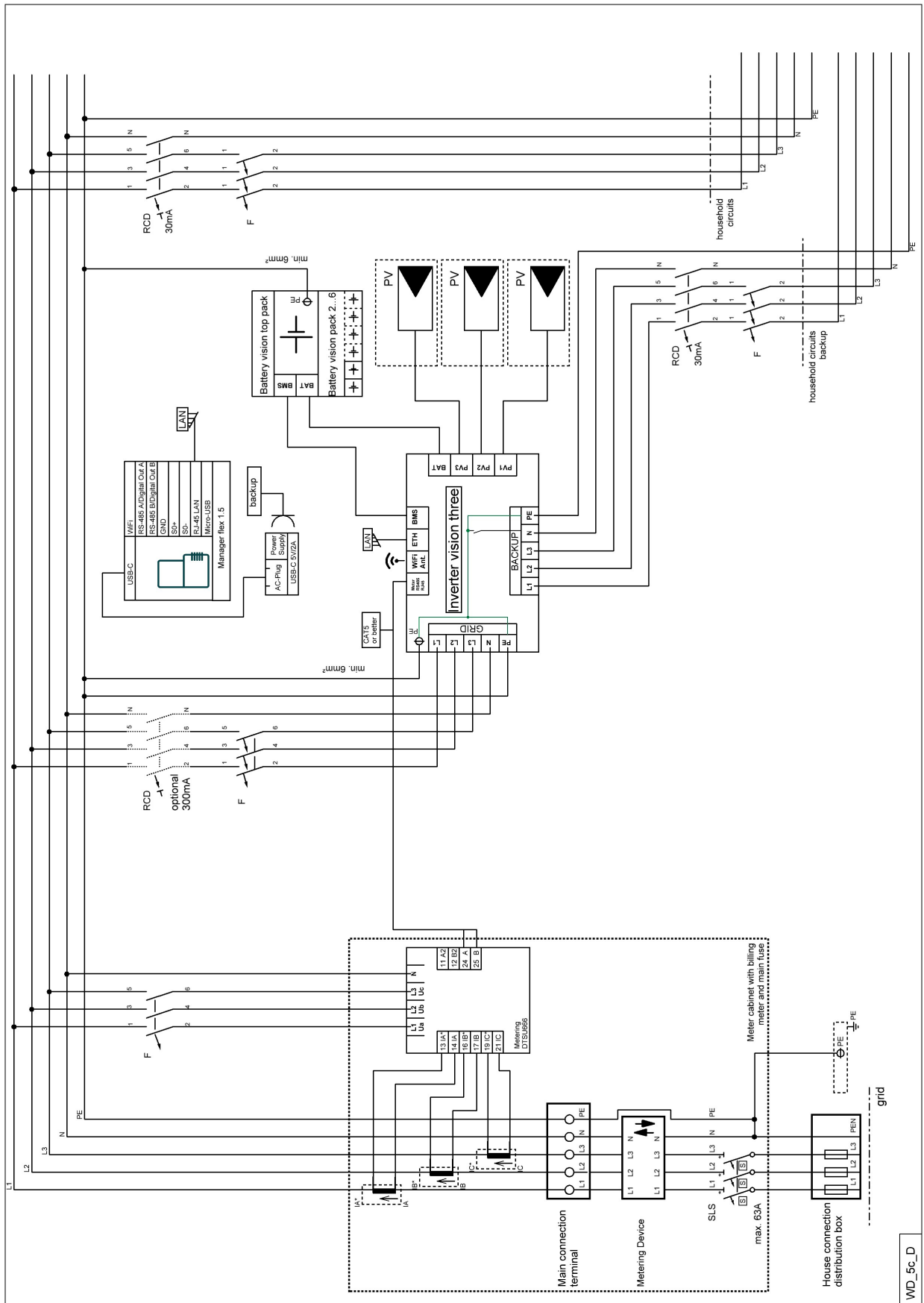
Per istruzioni dettagliate sull'installazione e l'uso, scansionare il codice QR qui sotto.



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



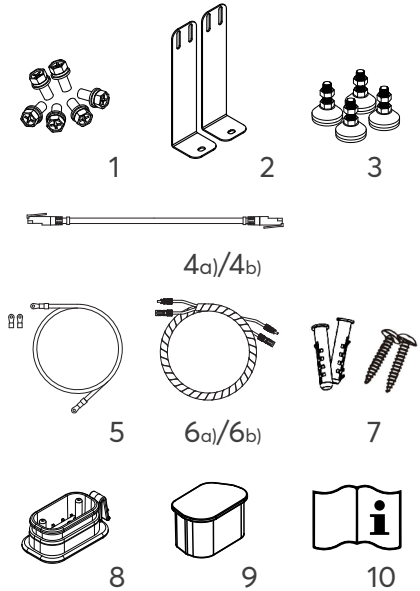
SYSTEM DESIGN



WD_Sc_D

Battery vision packs

Packing list top pack



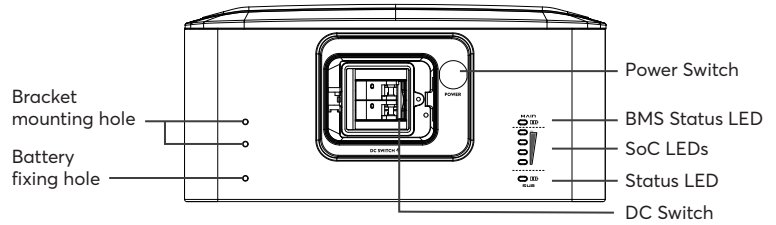
- 1 Screws
2 for pack fixing and 4 for bracket-fixing
1a) M6 screws (top pack 2.0)
1b) M5 screws (top pack 1.0)
- 2 Fixing bracket
- 3 Footstand
- 4 Comm. cable, BMS - Inverter
4a) 3,0 m (top pack 2.0)
4b) 1,5 m (top pack 1.0)
- 5 Grounding cable
with 2 additional cable lugs
- 6 DC cable battery
6a) 3,0 m (top pack 2.0)
6b) 1,5 m (top pack 1.0)
- 7 2 Screws for wall-fixing
- 8 Bridging plug
- 9 Connector protection cover
(only included for pack 1.0)
- 10 Safety Instructions

Packing list pack

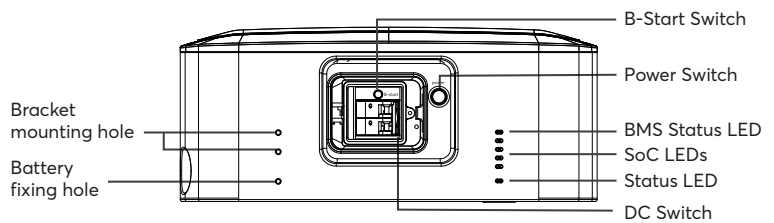


- 23 Screws for pack-fixing
23a) M6 screws (pack 2.0)
23b) M5 screws (pack 1.0)
- 24 Safety Instructions

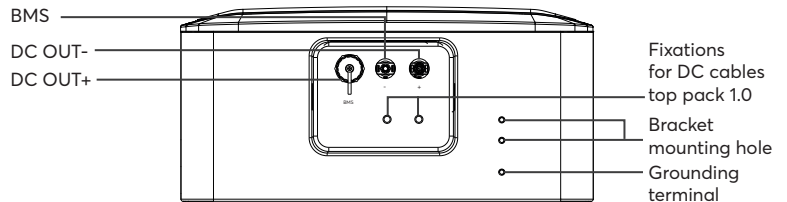
View from the left side top pack 2.0



View from the left side top pack 1.0

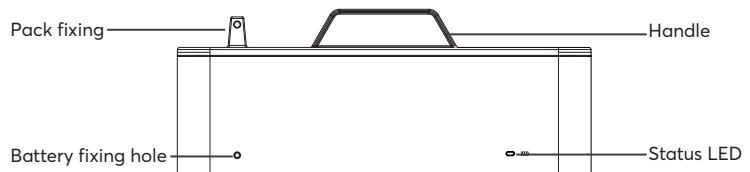
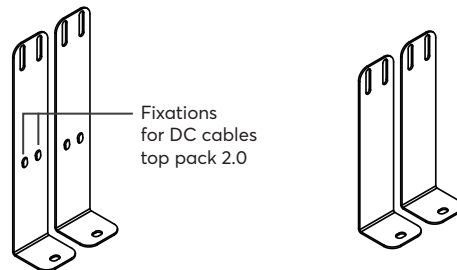


View from the right side



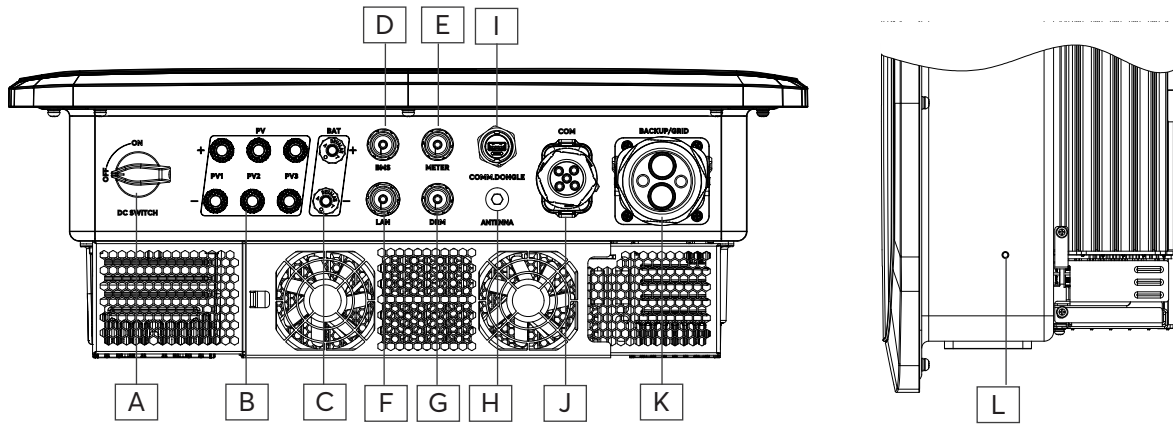
Fixing bracket top pack 2.0

Fixing bracket top pack 1.0

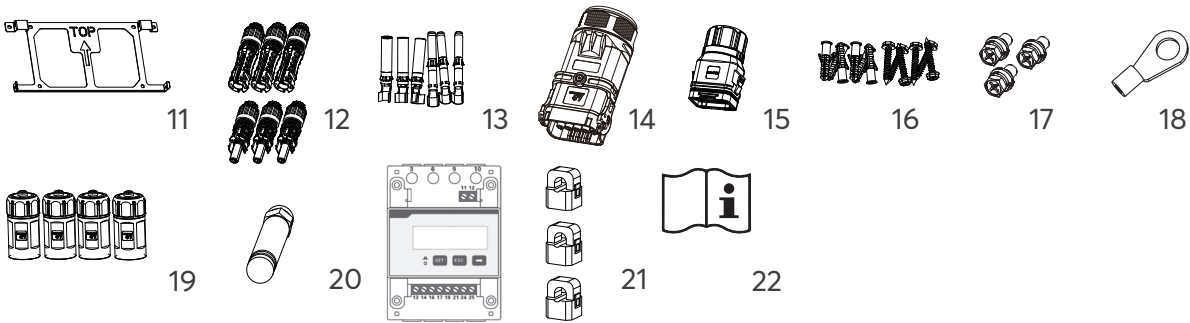


DEVICE DESIGNS AND PACKING LISTS

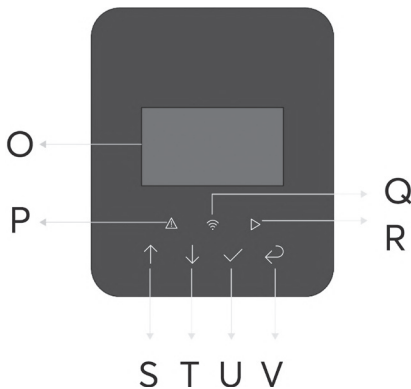
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| 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
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
(optionally applicable) | 20 Antenna | |
| | 21 Meter with CT-clamps | |

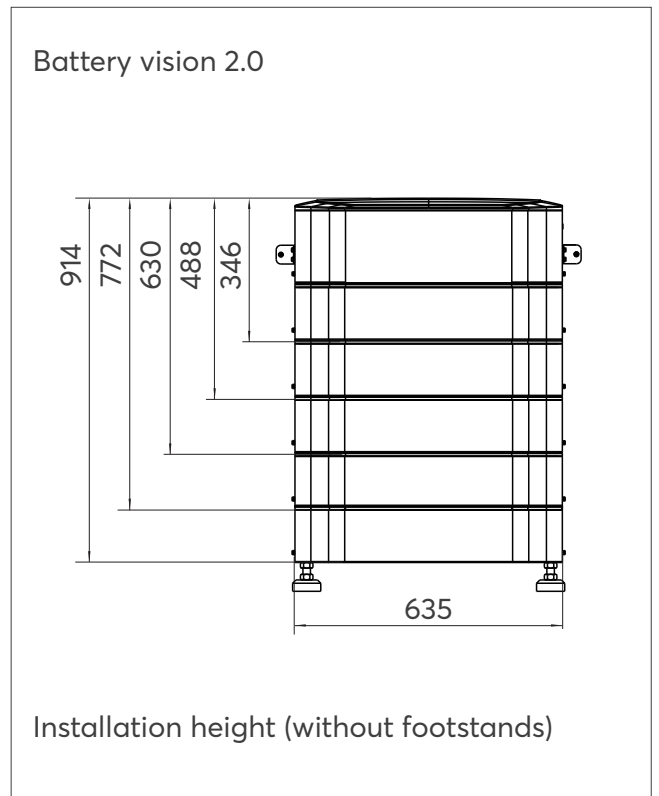
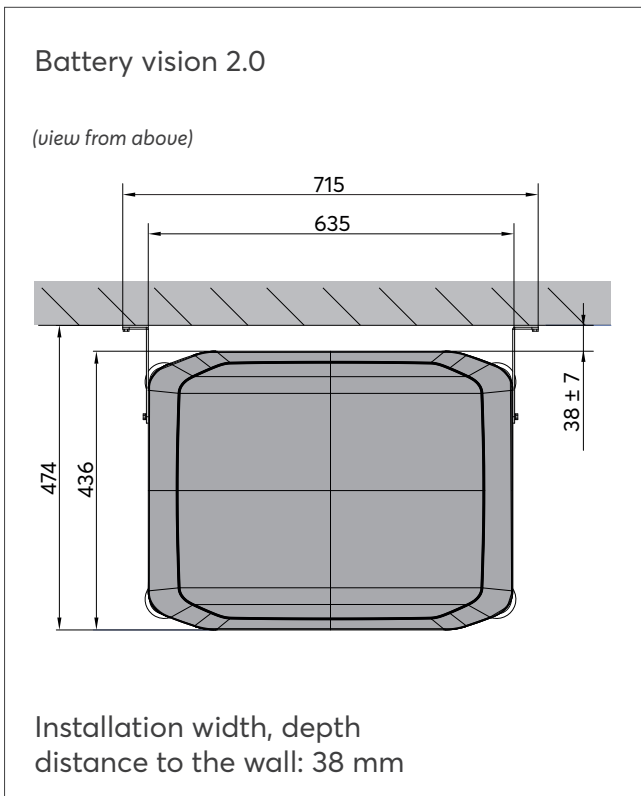
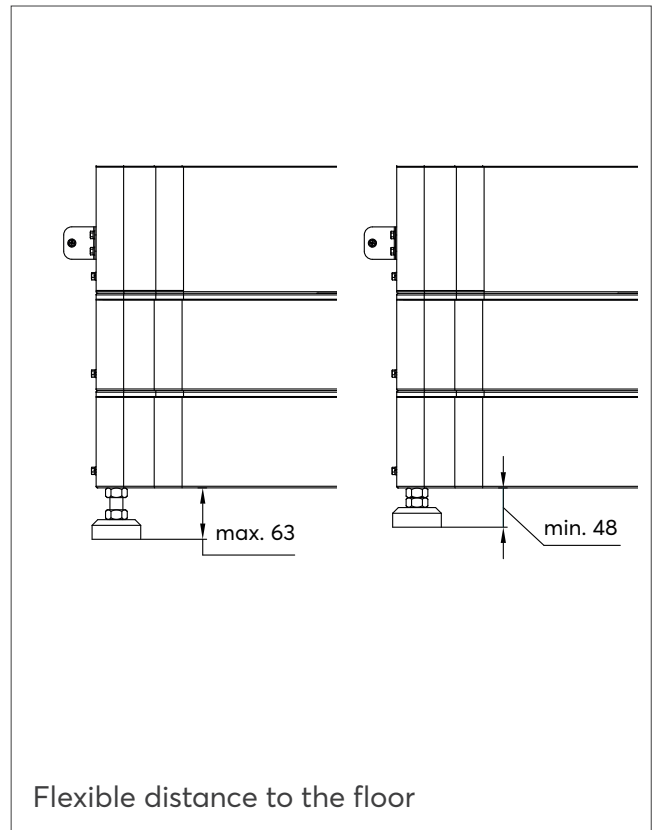
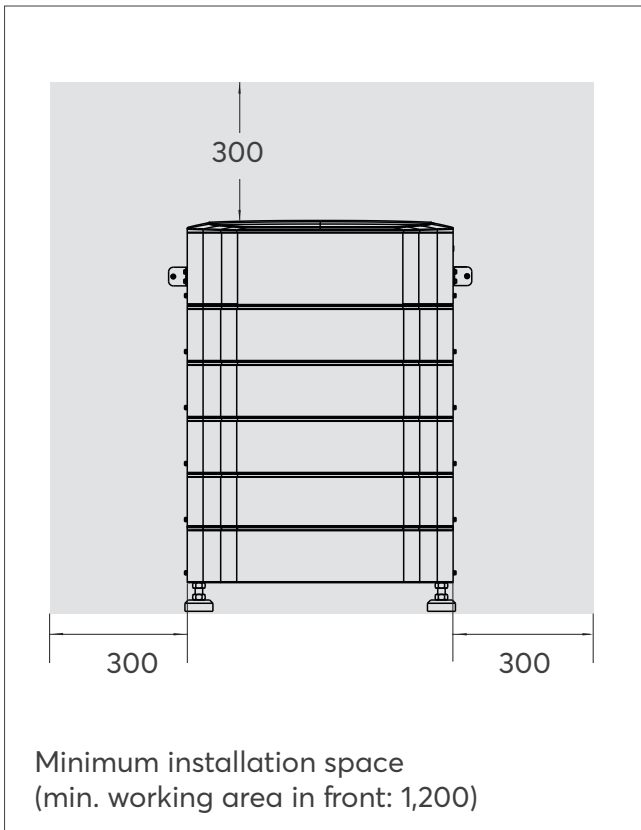


- | |
|-----------------------------|
| O LC display |
| P red: fault |
| Q blue: WiFi/LAN status |
| R green: operational state |
| S move up; increase value |
| T move down; decrease value |
| U confirm |
| V return/exit |

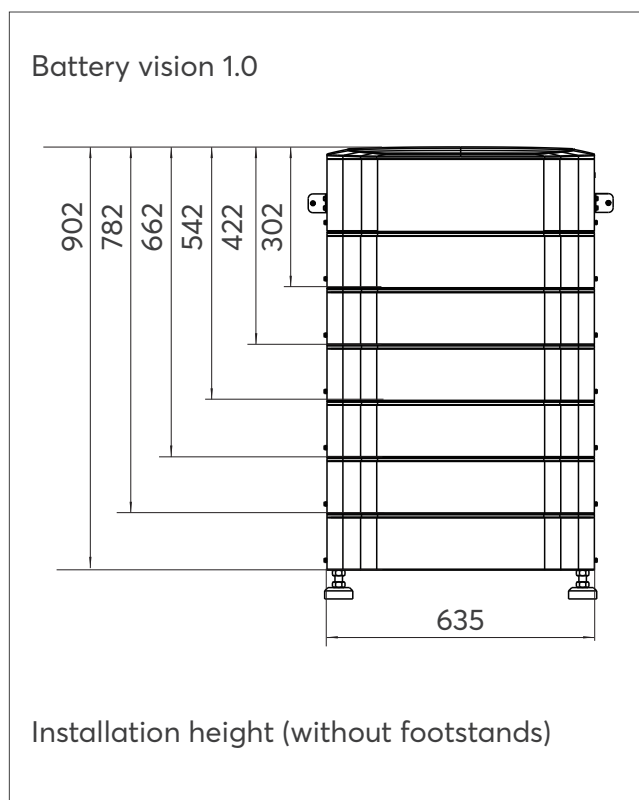
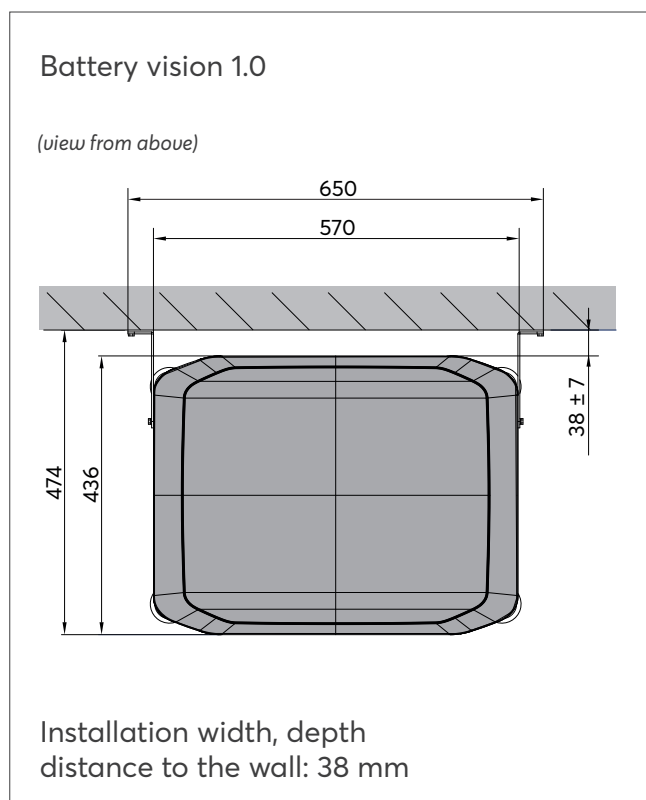
Additional equipment required:

- 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

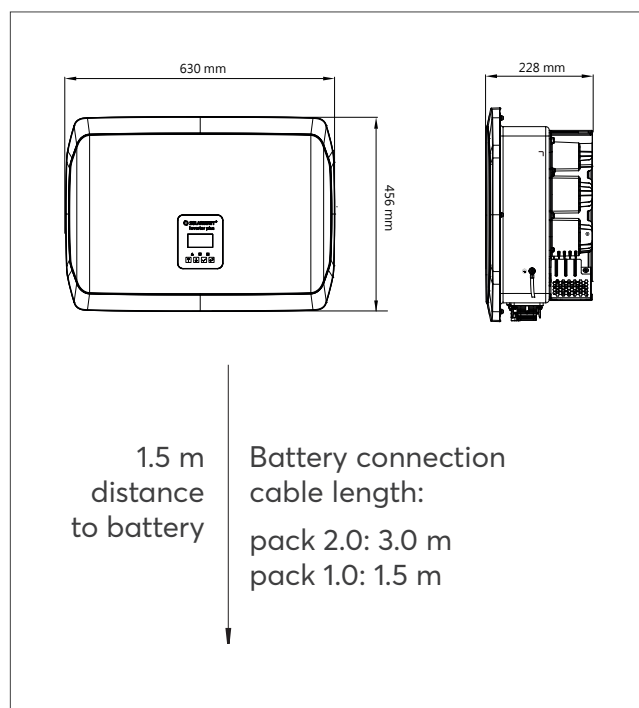
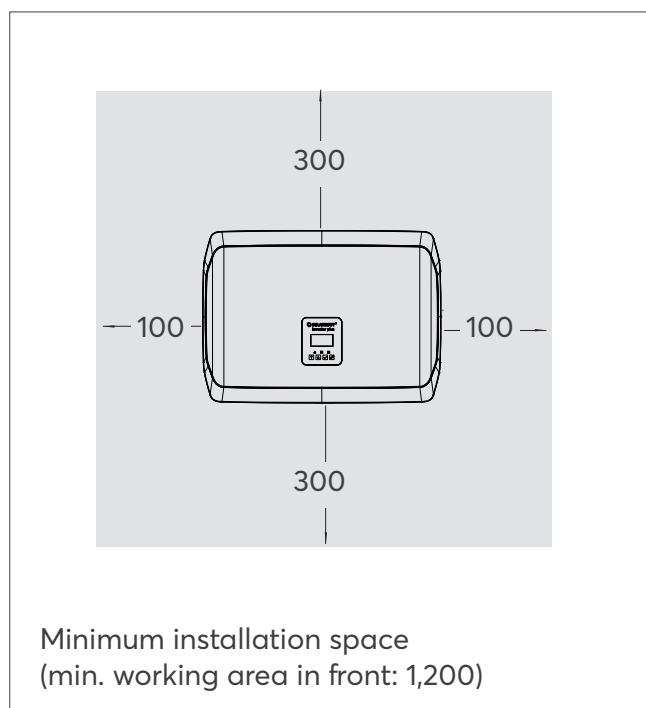
DIMENSIONS BATTERY VISION [MM]



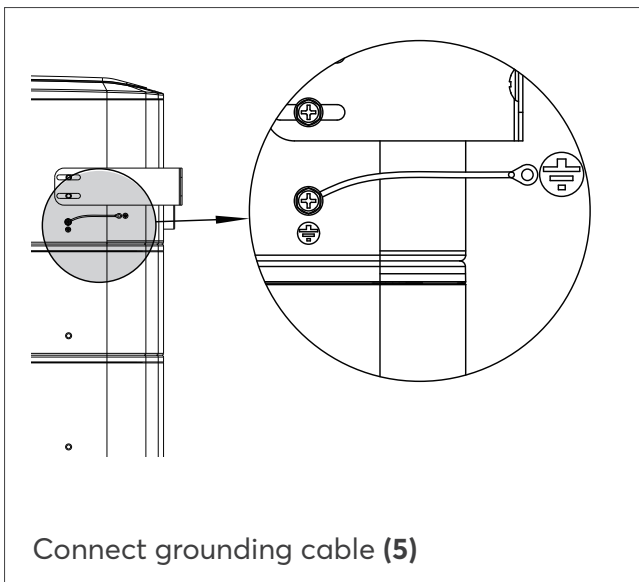
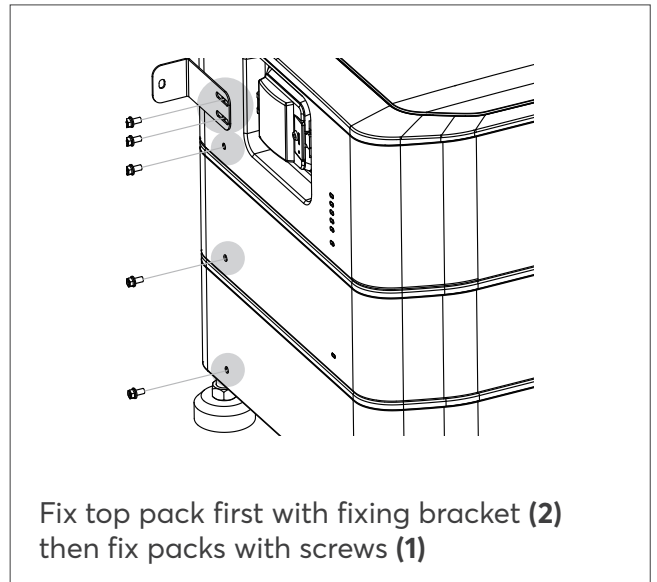
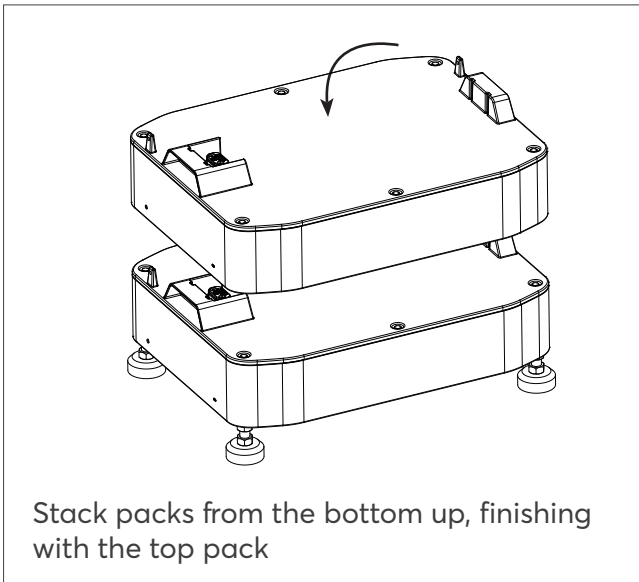
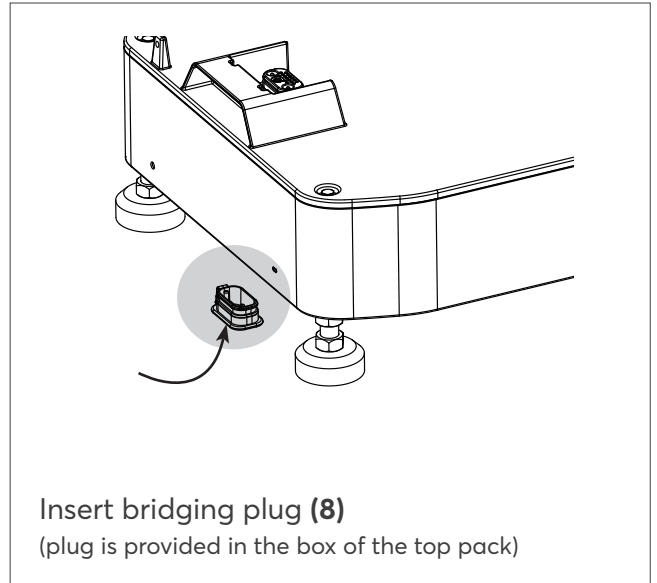
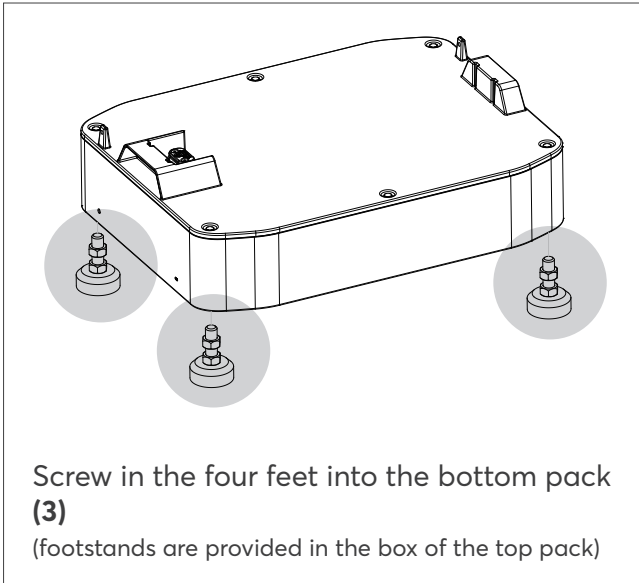
DIMENSIONS BATTERY VISION [MM]



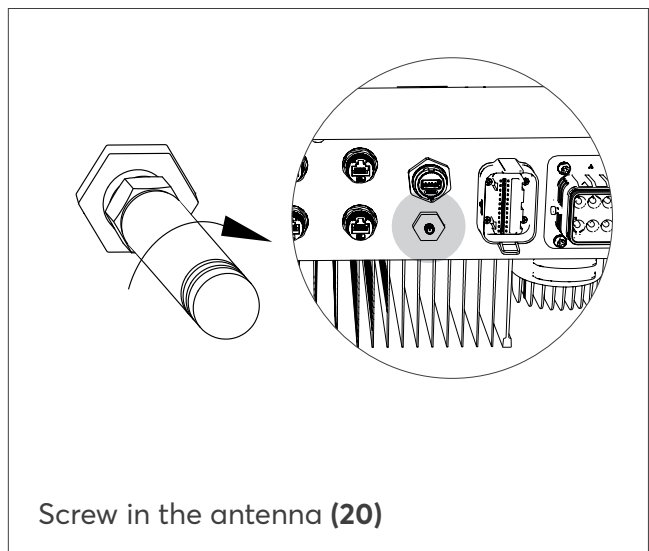
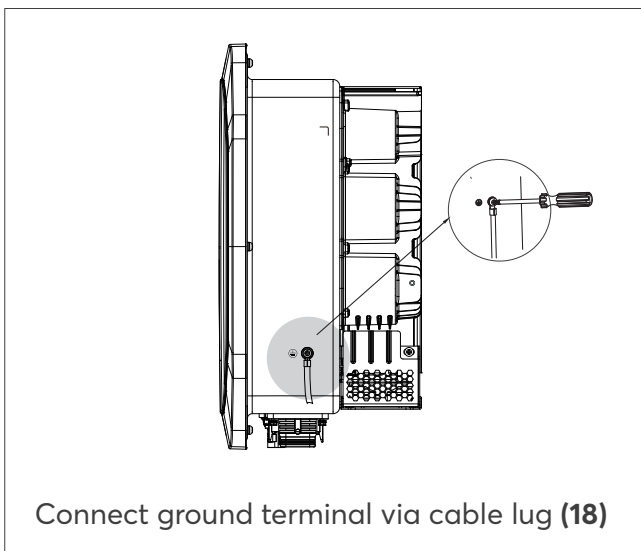
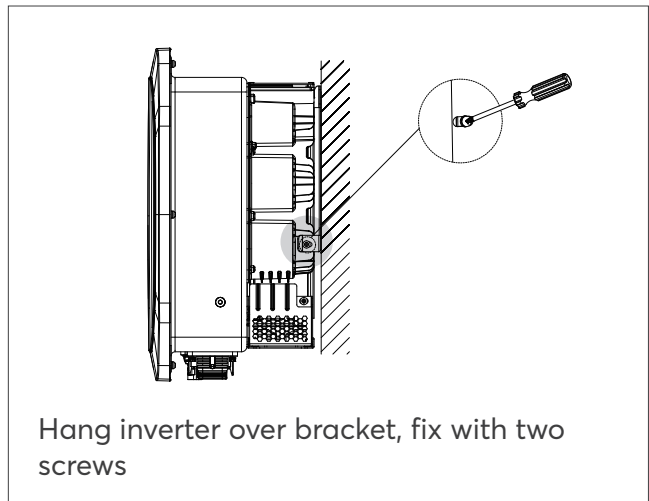
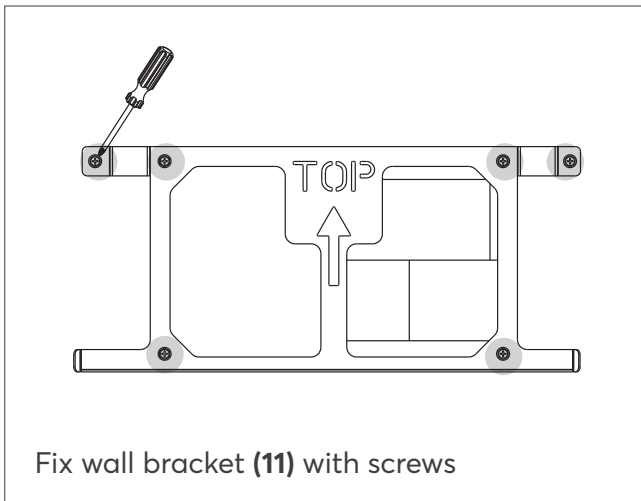
DIMENSIONS INVERTER VISION THREE [MM]



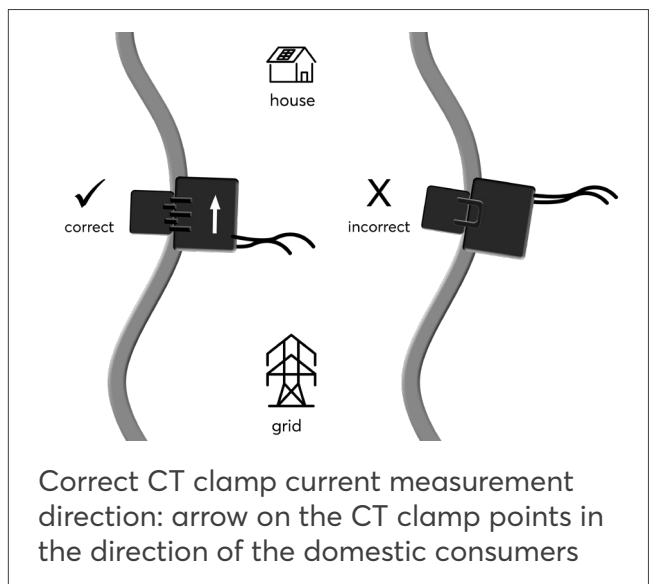
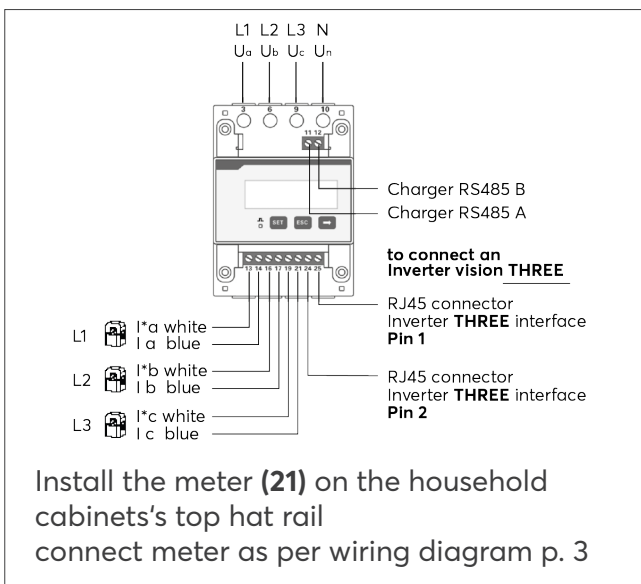
BATTERY PACKS ASSEMBLY AND WIRING



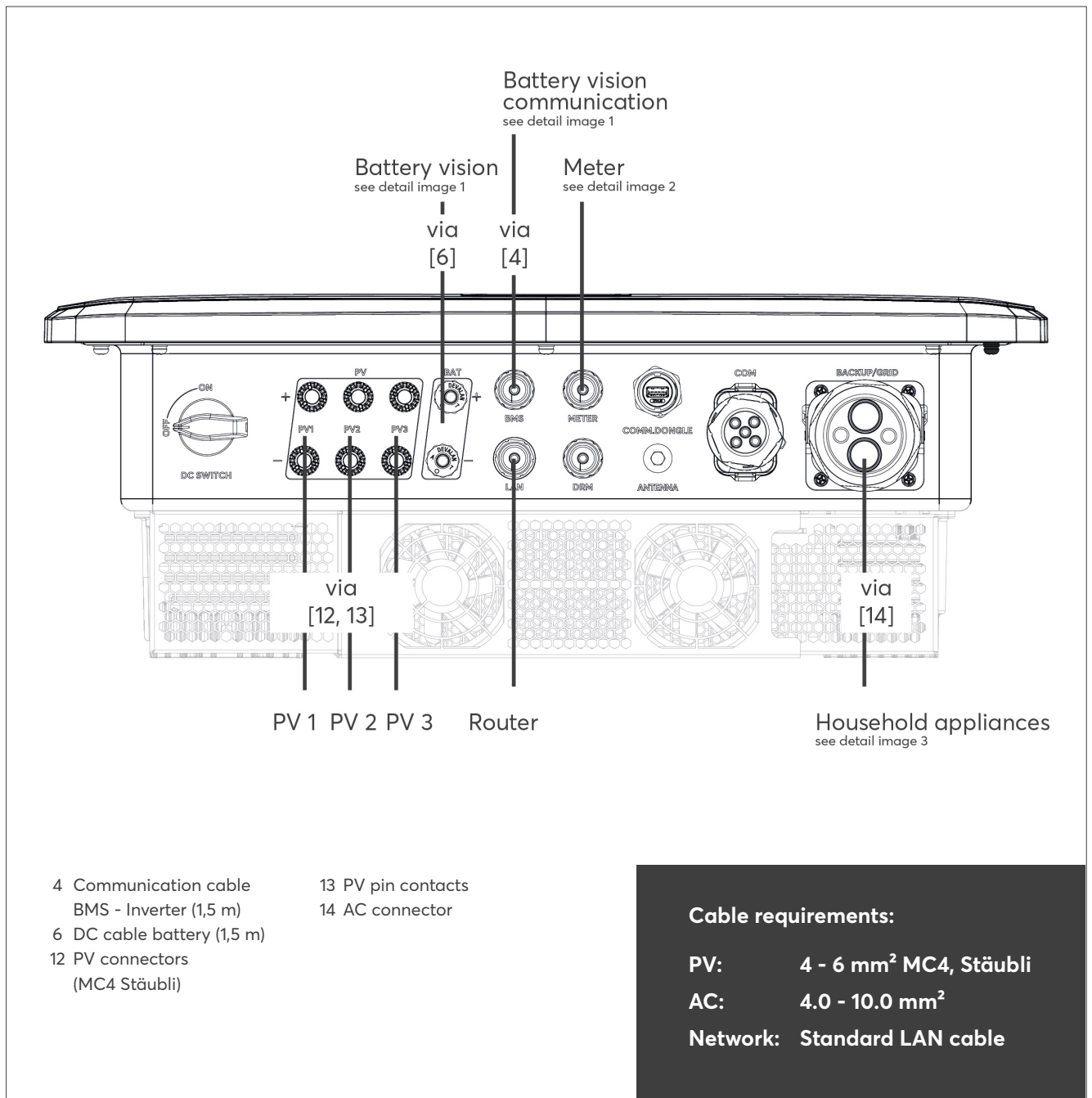
INVERTER ASSEMBLY AND WIRING



METER INSTALLATION AND WIRING



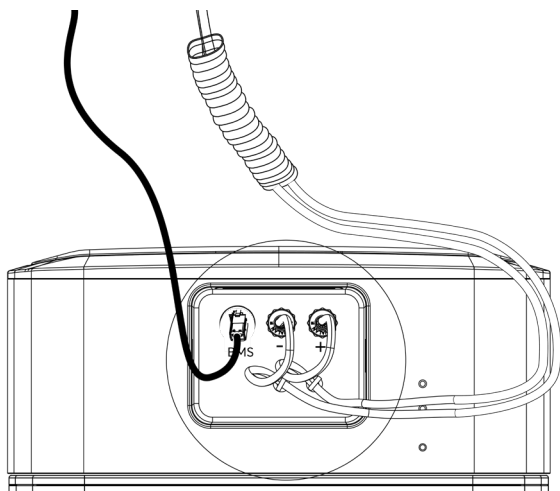
INVERTER WIRING



INVERTER ASSEMBLY AND WIRING

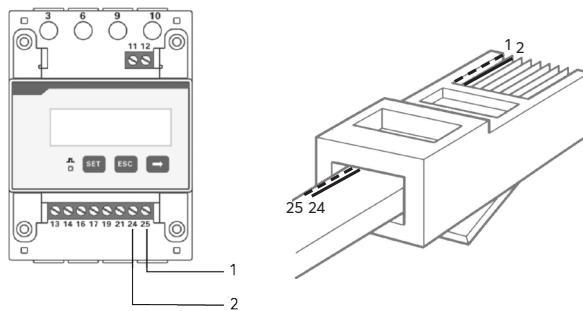
detail 1

Inverter interfaces
BMS Battery



Connect Battery (6, 4)

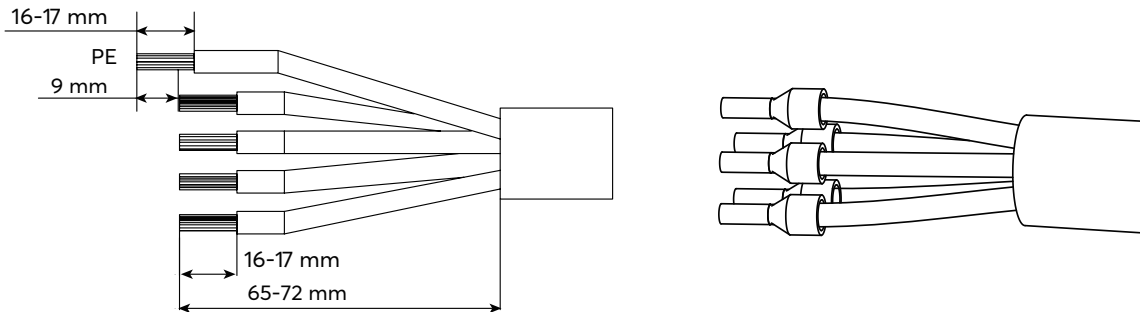
detail 2



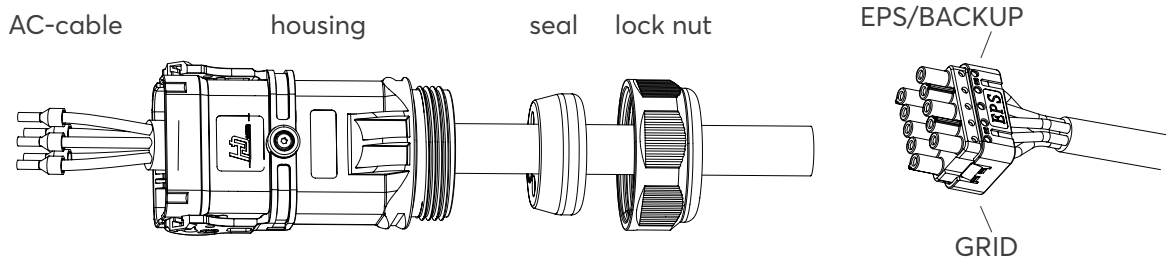
PIN meter	24	25
PIN RJ45 plug for the inverter	2	1

Connect meter

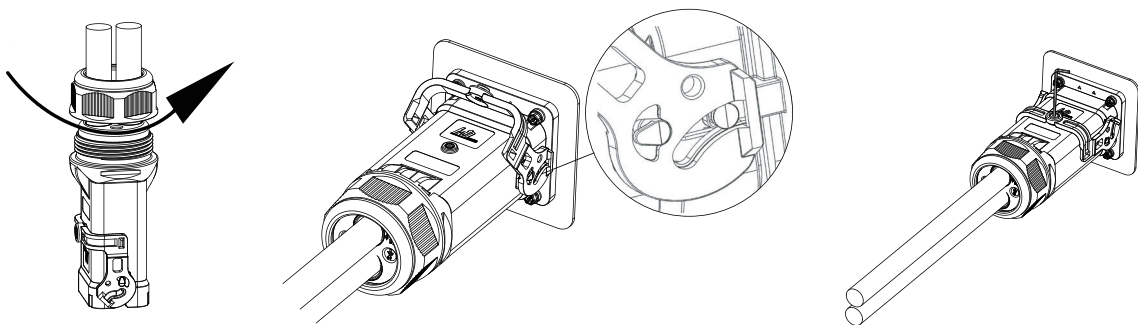
detail 3



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



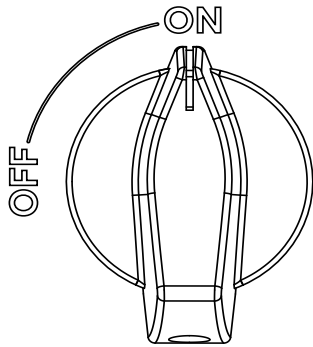
Feed AC cable through AC plug components. Connect the cable ends of the grid connection cable and the backup cable according to the conductor designation on the plug.



Fix the lock nut. Plug the AC cable into the BACKUP/GRID port. Adjust, then fix the safety clip in place.

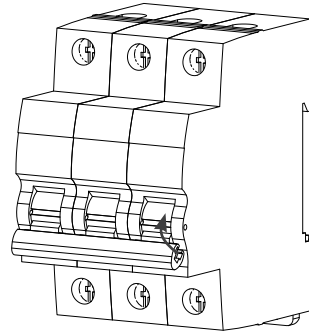
SYSTEM START UP

1



Turn inverter DC switch ON

2




Turn on

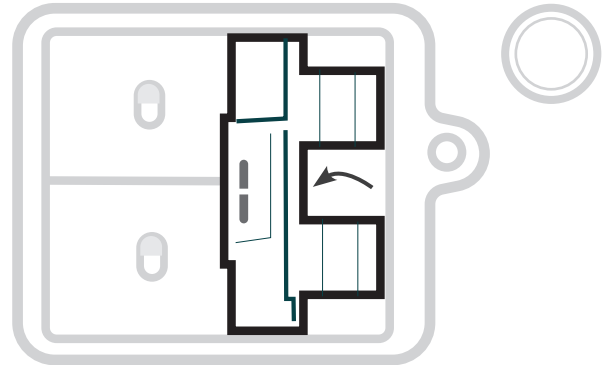
- AC breaker Grid
- AC breaker Backup (if locally required)

3



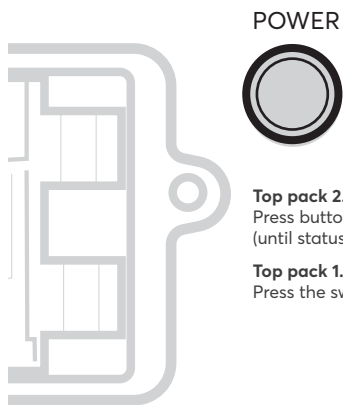
- set grid code for grid safety
 - set the current date & time
- Press inverter confirm button  for 3 sec.
- select START

4



Turn battery DC switch (top pack) ON

5



POWER



Top pack 2.0:
Press button for 3 sec
(until status LED lights up)

Top pack 1.0:
Press the switch

Press battery POWER button (top pack)

A password is not required for the first-time configuration of the inverter. When subsequently prompted, the default password is 0000.

Customize the password at the end of commissioning to protect the inverter configuration.

COMMISSIONING WITH THE SOLARWATT PRO APP



Download the SOLARWATT Pro app and login with your SOLARWATT Pro portal account

SOLARWATT Pro app commissioning features:

Inverter vision

- Make the device connectable via WiFi
- CEI 0-21 selftest (Italy)
- Set Cos φ

Charger vision


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

The SOLARWATT Pro app lets you commission the inverter over Bluetooth to let you use these features

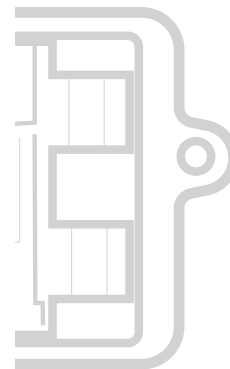
TURNING THE SYSTEM OFF

1



Press inverter confirm button  for 3 sec.
• select STOP

2



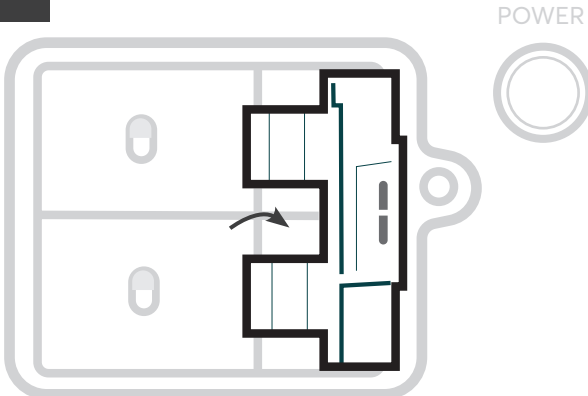
POWER

Top pack 2.0:
Press button for 5 sec
(until status LED turns off)

Top pack 1.0:
Press the switch

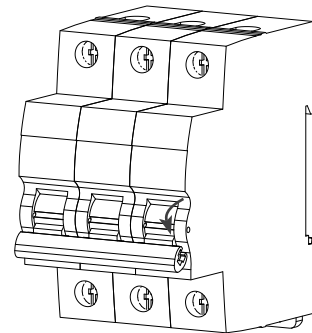
Press battery POWER button (top pack)

3



Turn battery DC switch (top pack) OFF

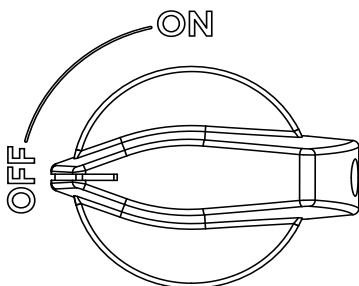
4



Turn off

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

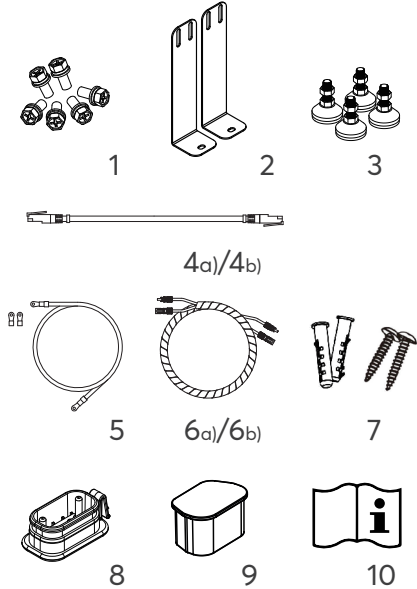
5



Turn inverter DC switch OFF

Battery vision packs

Lieferumfang top pack



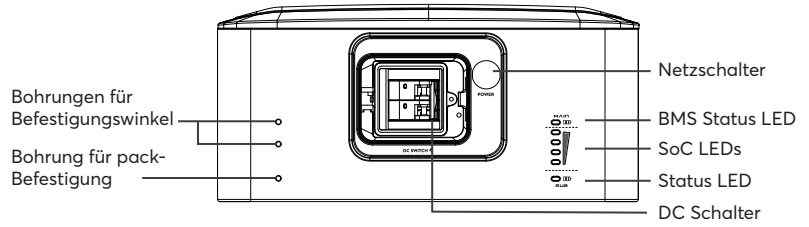
- 1 Schrauben,
2 für pack-Fixierung, 4 für Wandhalter-
befestigung
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Befestigungswinkel
- 3 Standfüße
- 4 Komm. kabel, BMS - Inverter
- 4a) 3,0 m (bei pack 2.0)
- 4b) 1,5 m (bei pack 1.0)
- 5 Erdungskabel
mit 2 zusätzlichen Kabelschuhen
- 6 DC-Kabel Batterie
- 6a) 3,0 m (bei pack 2.0)
- 6b) 1,5 m (bei pack 1.0)
- 7 2 Schrauben für
für Wandbefestigung
- 8 Brückenstecker
- 9 Schutzabdeckung
für Anschlüsse (nur enthalten bei pack 1.0)
- 10 Sicherheitshinweise

Lieferumfang pack

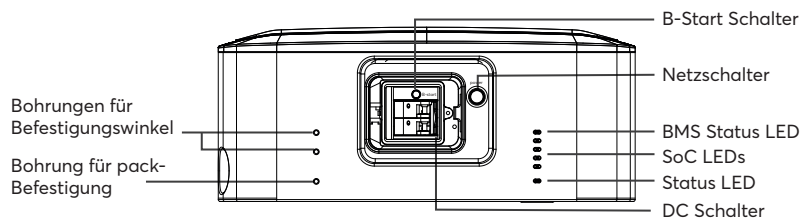


- 23 Schrauben
für pack Befestigung
- 1a) M6 (pack 2.0)
- 1b) M5 (pack 1.0)
- 24 Sicherheitshinweise

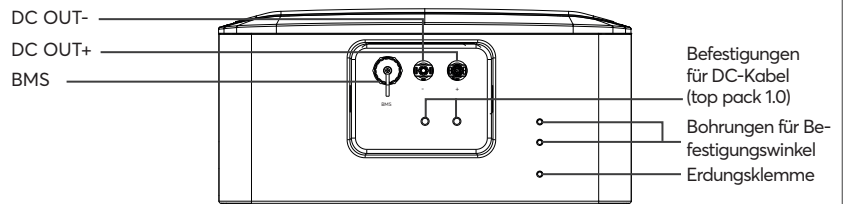
Ansicht von links top pack 2.0



Ansicht von links top pack 1.0

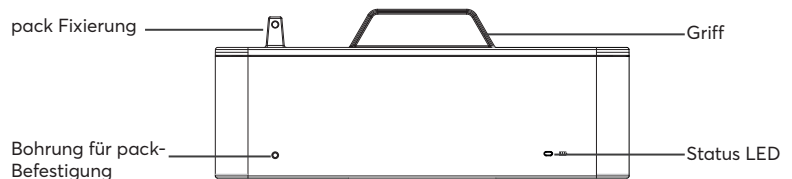
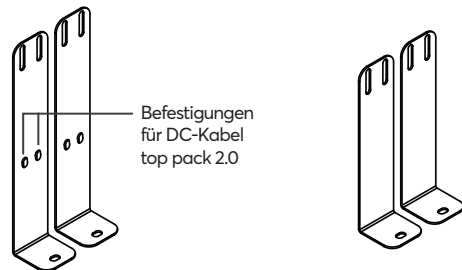


Ansicht von rechts



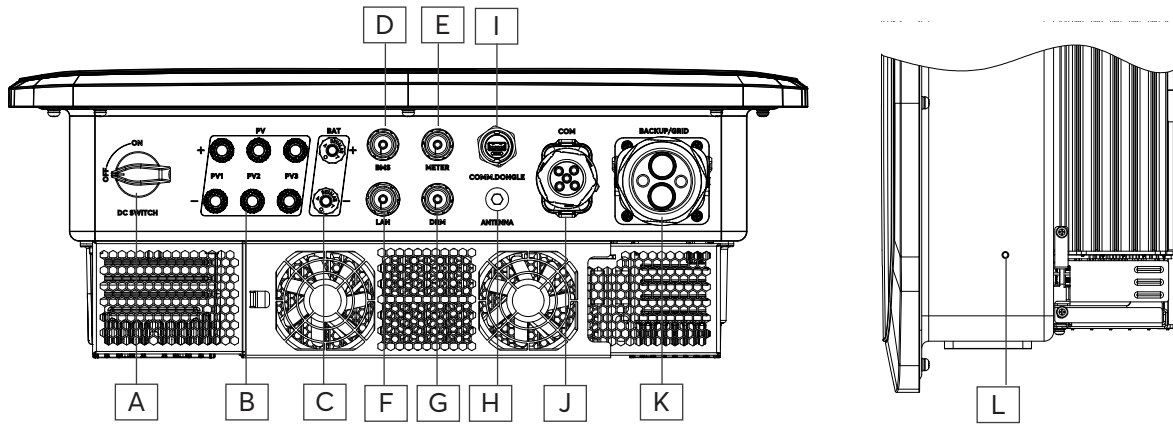
Befestigungswinkel
top pack 2.0

Befestigungswinkel
top pack 1.0

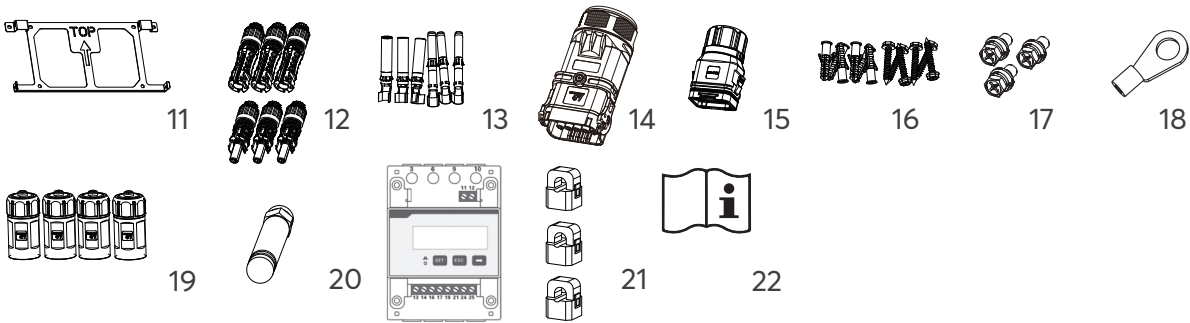


AUFBAU UND LIEFERUMFANG

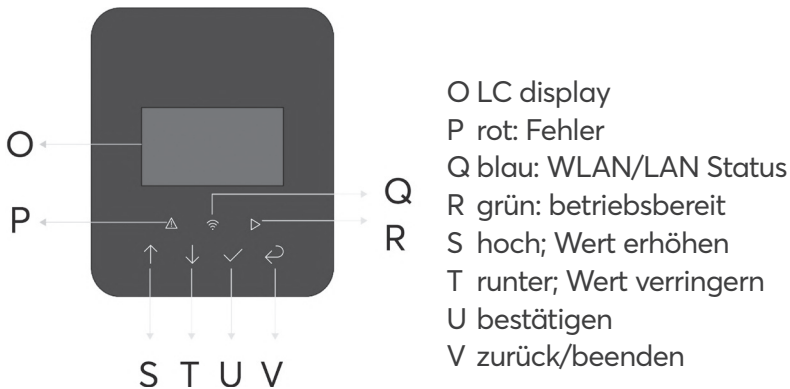
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| A DC SCHALTER | E ZÄHLER | I COMM. DONGLE |
| B PV 1, PV 2, PV3 | F LAN | J COM |
| C BATTERIEANSCHLUSS | G DRM | K BACKUP / GRID |
| D BMS | H ANTENNE | L ERDUNG |



- | | | |
|--|---|--|
| 11 Wandhalter | 16 Schrauben und Dübel für Wandbefestigung | 20 Antenne |
| 12 PV-Steckverbinder (MC4 Stäubli) | 17 Schrauben für Wechselrichter-befestigung | 21 Zähler mit CT-Klemmen |
| 13 PV-Pin-Kontakte | 18 Kabelschuh für Erdungskabel | 22 Schnellstartanleitung Sicherheitshinweise |
| 14 AC-Steckverbinder | 19 Ethernet Outdoor Adapter | |
| 15 Kommunikationssteckverbinder (optional verfügbar) | | |

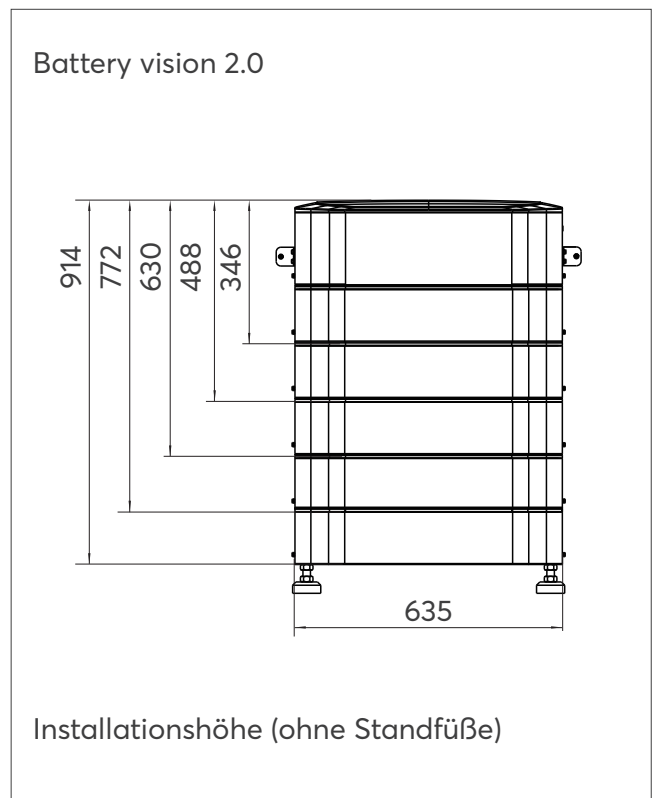
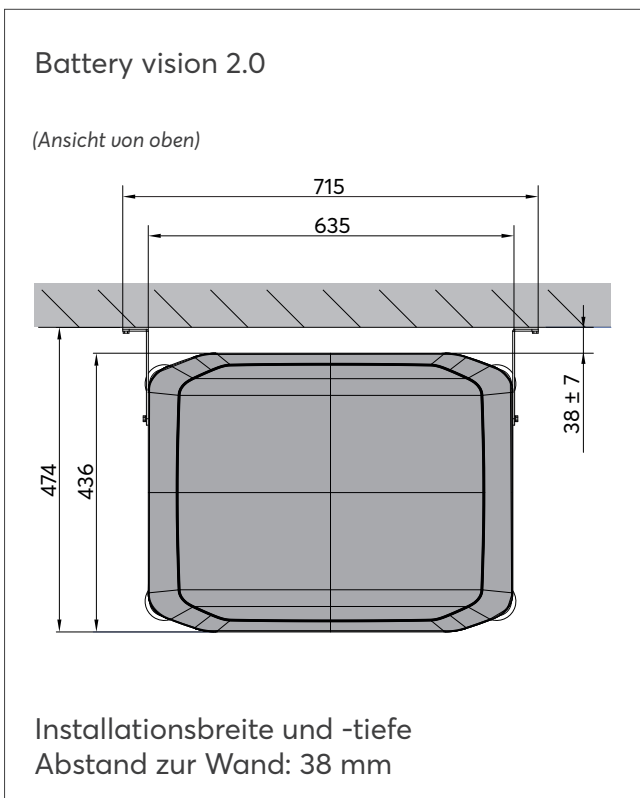
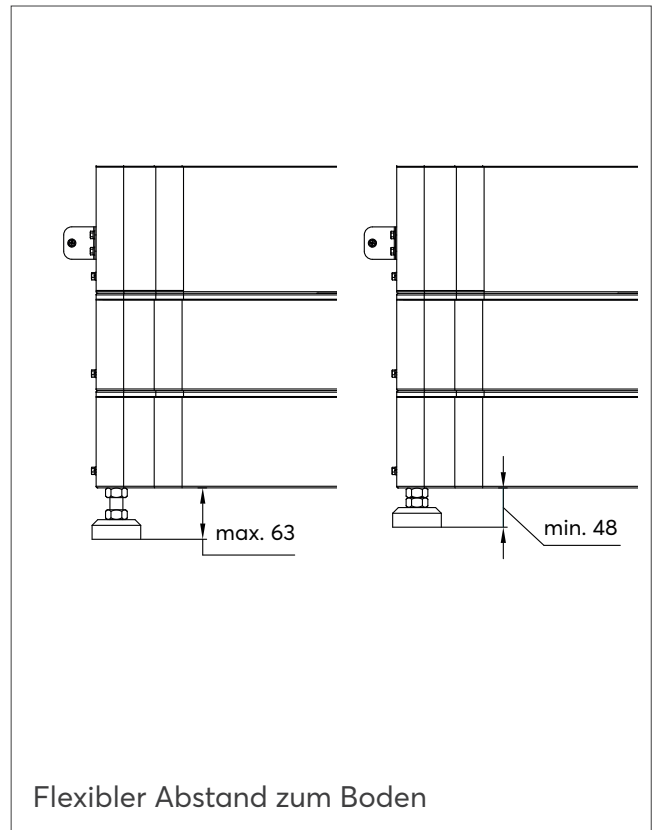
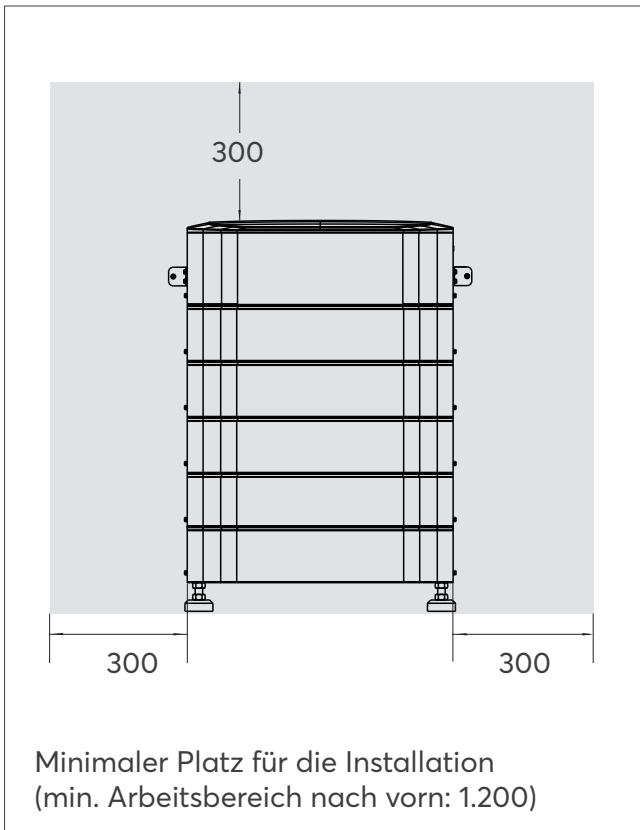


- O LC display
- P rot: Fehler
- Q blau: WLAN/LAN Status
- R grün: betriebsbereit
- S hoch; Wert erhöhen
- T runter; Wert verringern
- U bestätigen
- V zurück/beenden

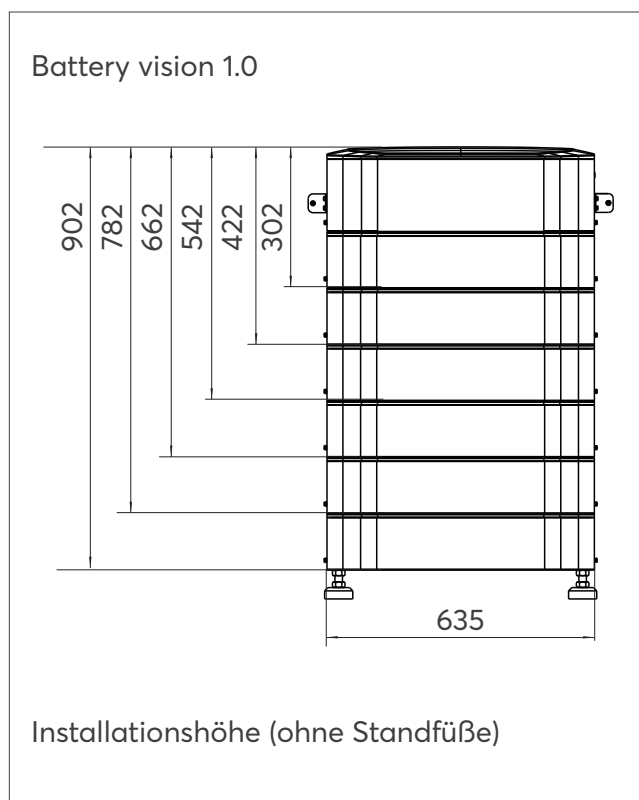
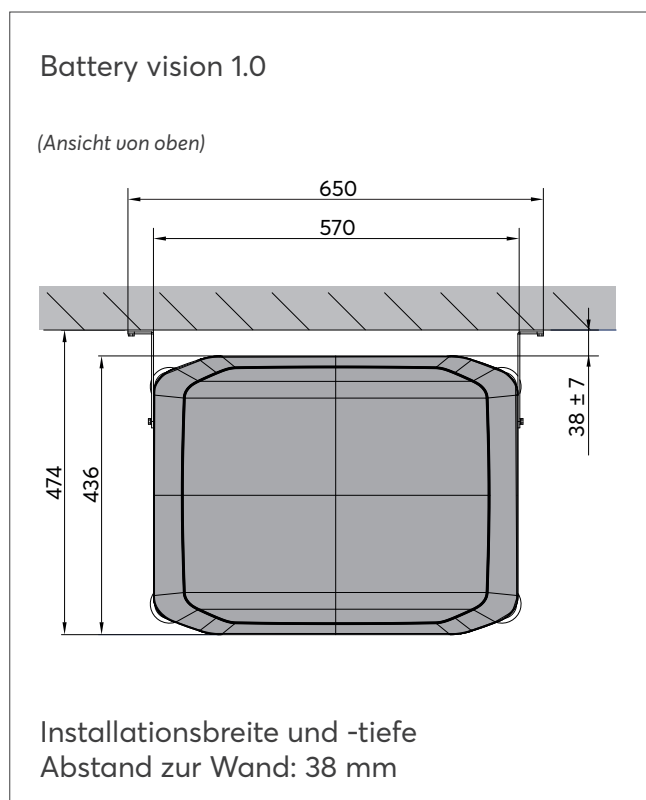
Zusätzlich benötigt:

- Kommunikationskabel (2-adriges RS485-Kabel) für die Verbindung mit dem Zähler
- DC- und AC-Kabel für den Wechselrichter
- LAN-Kabel für den Wechselrichter (optional)
- Erdungskabel für den Wechselrichter
- Leitungsschutzschalter

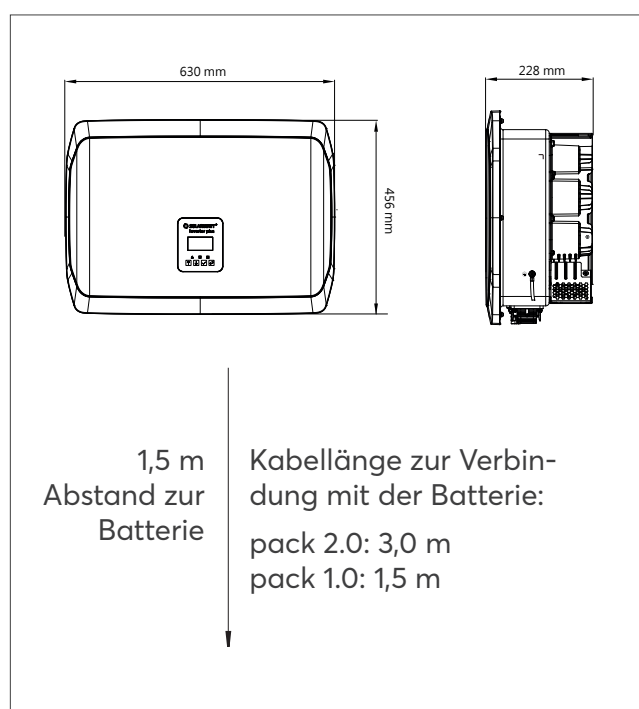
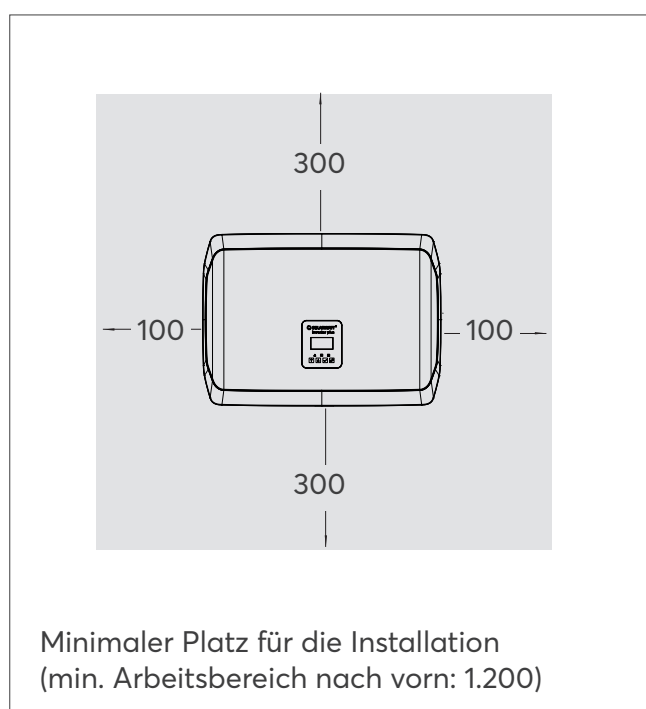
ABMESSUNGEN BATTERY VISION [MM]



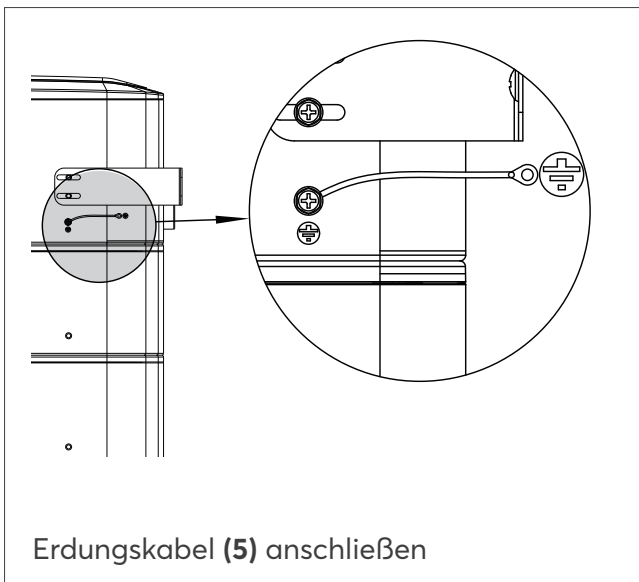
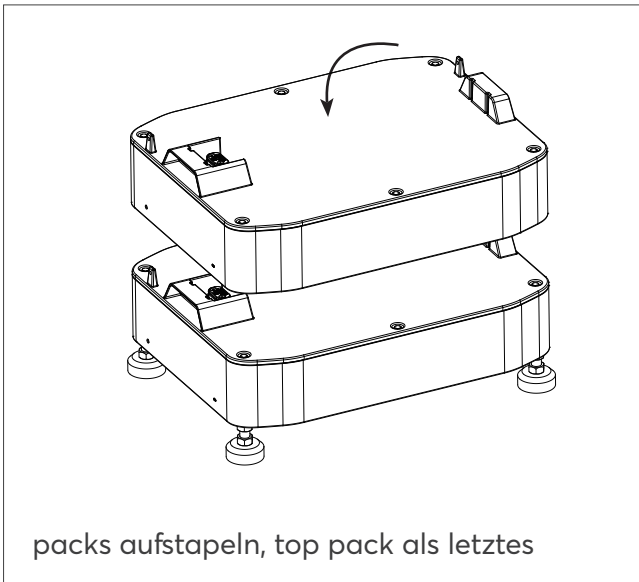
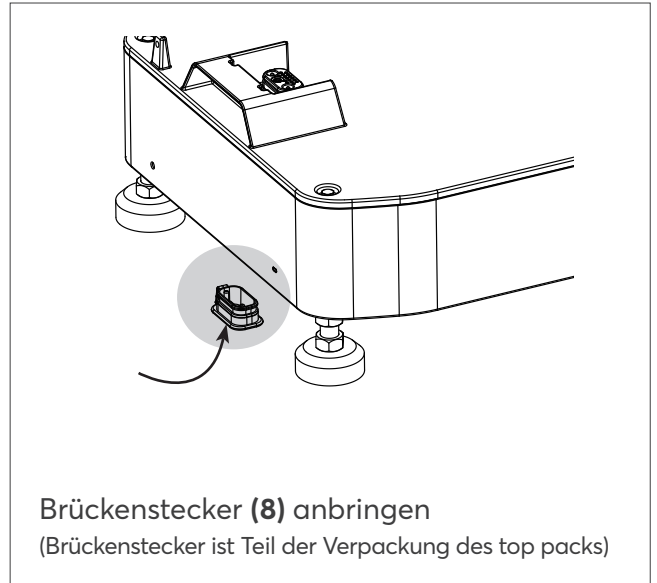
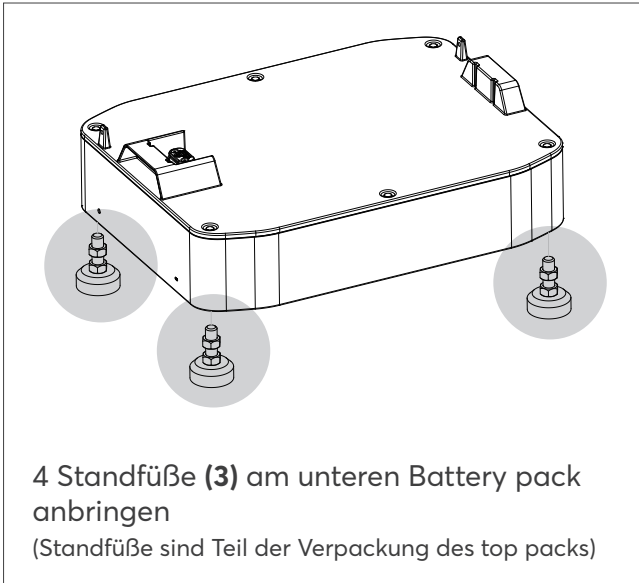
DIMENSIONS BATTERY VISION [MM]



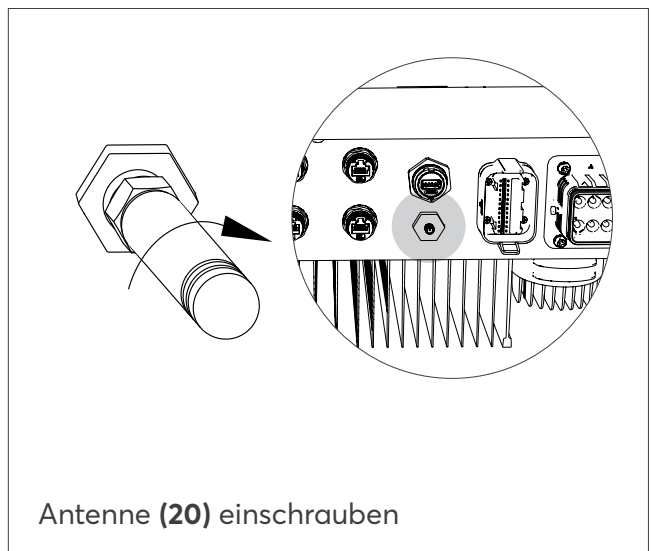
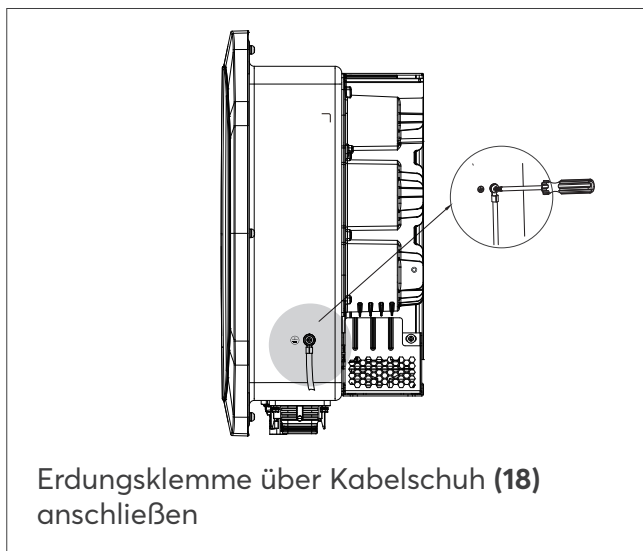
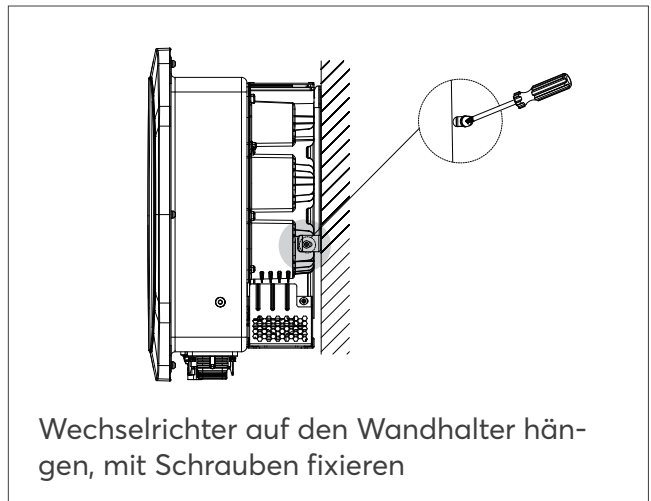
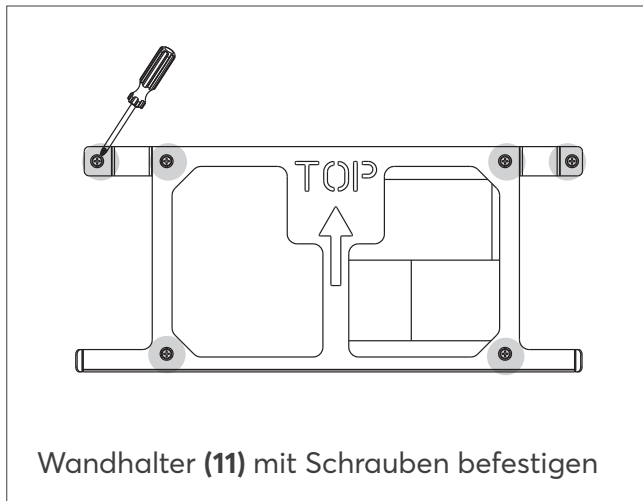
DIMENSIONS INVERTER VISION THREE [MM]



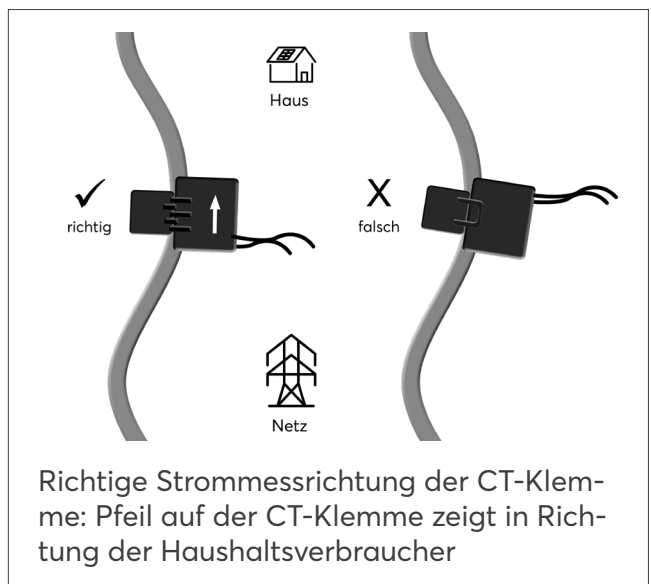
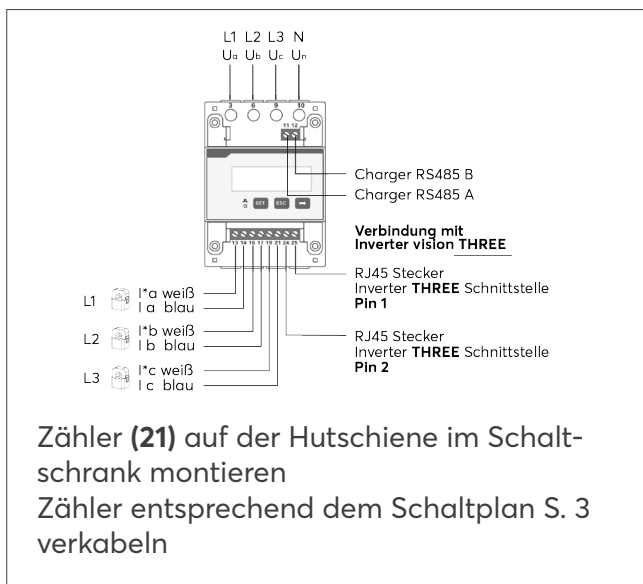
MONTAGE UND VERKABELUNG BATTERY PACKS



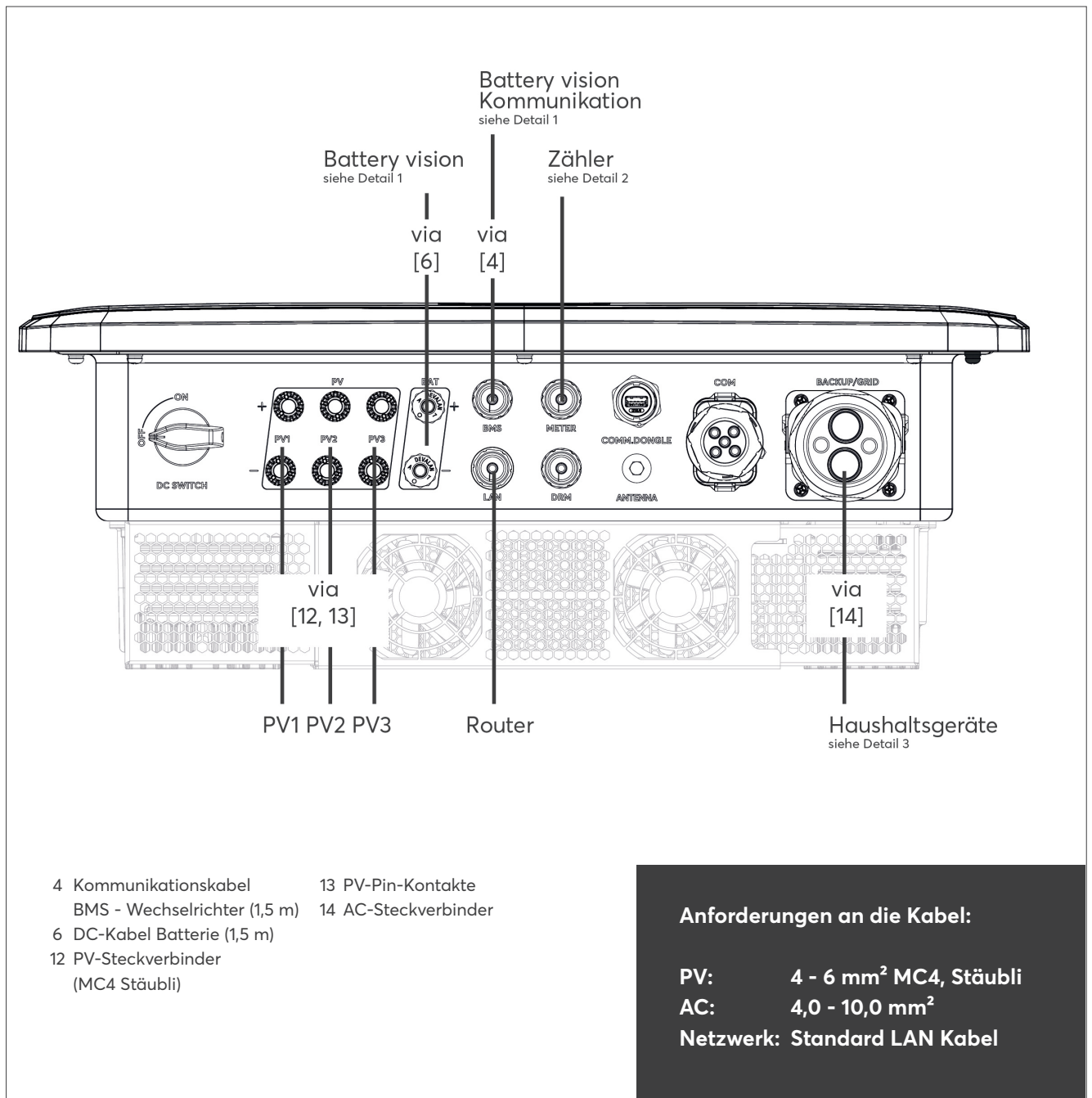
MONTAGE UND VERKABELUNG INVERTER



ZÄHLER INSTALLATION UND VERKABELUNG

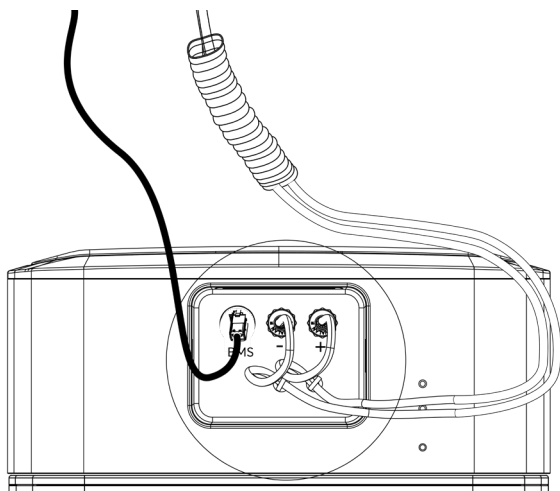


WECHSELRICHTER VERKABELUNG



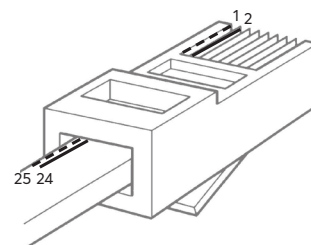
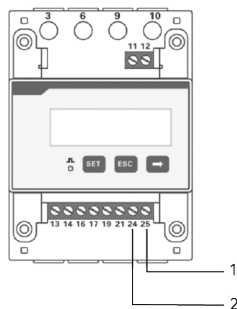
Detail 1

Wechselrichter Schnittstellen
BMS Battery



Batterie verbinden (6, 4)

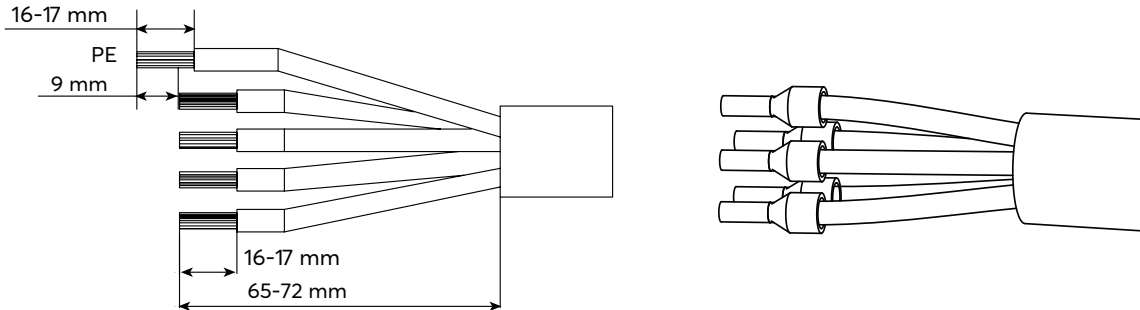
Detail 2



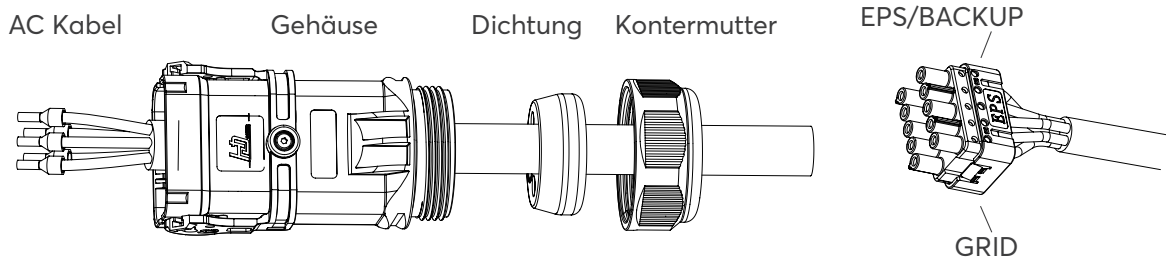
PIN Zähler	24	25
PIN RJ45 Stecker am Wechselrichter	2	1

Zähler verbinden

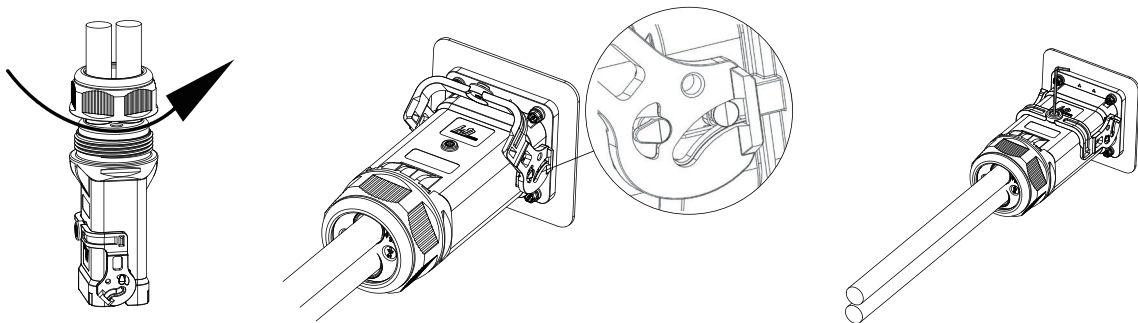
Detail 3



Kabel abmanteln, abisolieren und Aderendhülsen auf die Kabel crimpen



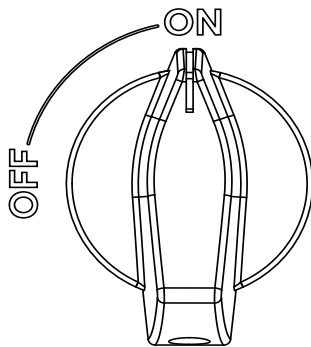
AC-Kabel durch die AC-Steckerkomponenten führen
Kabelenden des Netzanschlusskabels und des Backup-Kabels entsprechend der Adernbezeichnung auf dem Stecker verbinden



Kontermutter fixieren, Netzkabel an den BACKUP/GRID-Anschluss anstecken, Sicherungsbügel schließen

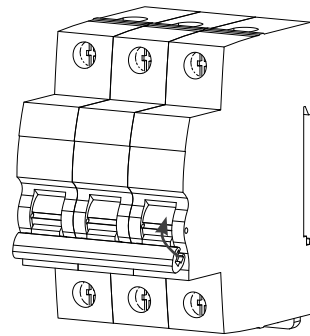
SYSTEMSTART

1



DC-Schalter am Wechselrichter anschalten

2



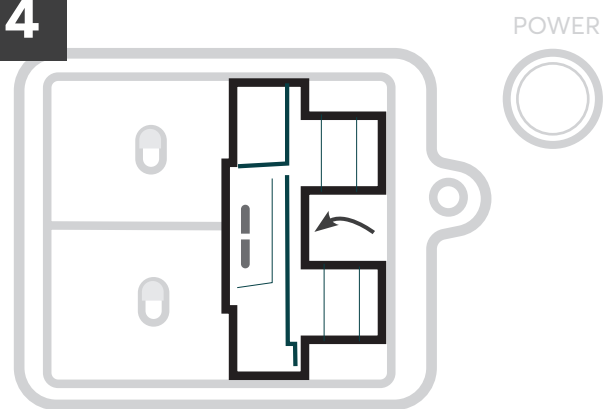
- AC-Sicherung Netz und
- AC-Sicherung backup (falls nach den örtlichen Vorgaben notwendig und vorhanden) einschalten

3



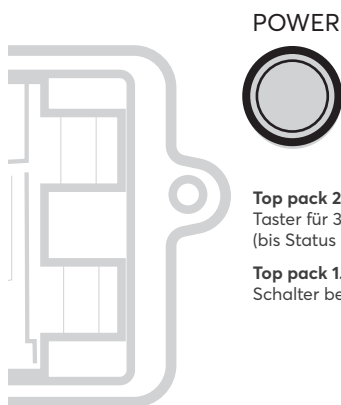
- Gridcode für Netzsicherheit einstellen
 - Datum und Zeit einstellen
- Bestätigen Button am Wechselrichter für 3 Sekunden drücken
- START wählen

4



DC-Schalter an der Batterie (top pack) anschalten

5



POWER



Top pack 2.0:
Taster für 3 sek drücken
(bis Status LED leuchtet)

Top pack 1.0:
Schalter betätigen

POWER button an der Batterie (top pack) betätigen

Für die Erstinstallation benötigen Sie kein Wechselrichter-Passwort. Für spätere Einstellungen lautet das Passwort 0000.

Passen Sie das Passwort am Ende der Inbetriebnahme an, um die Konfiguration des Wechselrichters zu sichern.

VERBINDUNG MIT DER SOLARWATT PRO APP



SOLARWATT Pro app herunterladen und mit dem SOLARWATT Pro-account einloggen

SOLARWATT Pro app Inbetriebnahmefunktionen:

Inverter vision

- das Gerät mit dem WLAN verbinden
- CEI 0-21 Selbsttest (Italien)
- Cos φ einstellen

Charger vision

- das Gerät mit dem WLAN verbinden
- RFID-Autorisierung bearbeiten
- Maximalen Ladestrom (A) einstellen
- Lastmanagement einrichten (Funktion in Vorbereitung)

Wechselrichter-Gerät über die SOLARWATT Pro app suchen und installieren, um diese Funktionen auszuführen

SYSTEM AUSSCHALTEN

1



Bestätigen Button am Wechselrichter für 3 Sekunden drücken

- STOP wählen

2



POWER

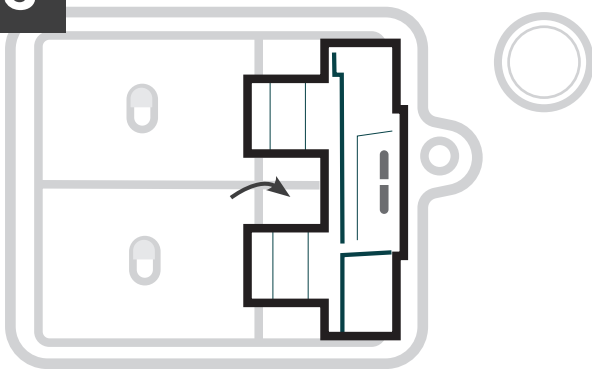


Top pack 2.0:
Taster für 5 sek drücken
(bis die Status LED erlischt)

Top pack 1.0:
Schalter betätigen

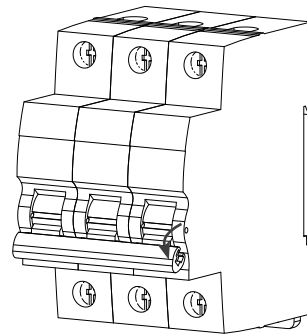
POWER button an der Batterie (top pack) betätigen

3



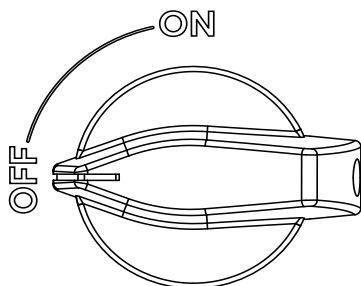
DC-Schalter an der Batterie (top pack) ausschalten

4



- AC-Sicherung Netz und
- AC-Sicherung backup (falls nach den örtlichen Vorgaben notwendig und vorhanden) ausschalten

5

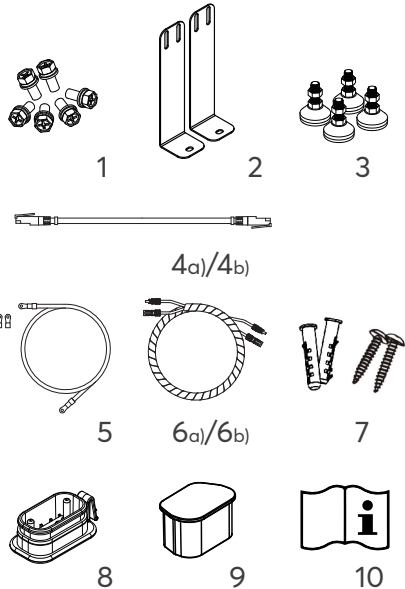


DC-Schalter am Wechselrichter ausschalten

COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Battery vision packs

Contenu de la livraison top pack



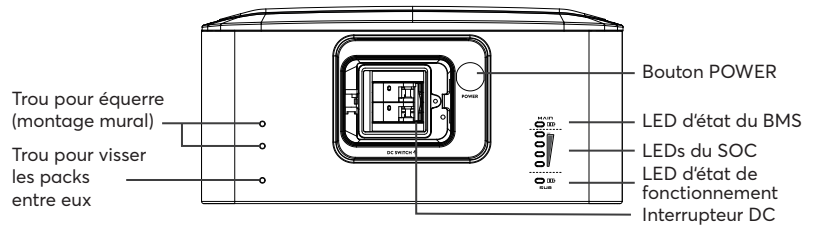
- 1 Vis
2 pour visser les packs et
4 pour les équerres de montage
- 1a) M6 (top pack 2.0)
1b) M5 (top pack 1.0)
- 2 Équerres de montage
- 3 Pied de support
- 4 Câble de comm.
BMS-Inverter
- 4a) 3,0 m (pack 2.0)
4b) 1,5 m (pack 1.0)
- 5 Câble de mise à la terre
(avec 2 cosse suppl.)
- 6 Câble DC batteries
- 6a) 3,0 m (pack 2.0)
6b) 1,5 m (pack 1.0)
- 7 2 vis à visser au mur
- 8 Connecteur jumper
- 9 Couvercle de protection
du connecteur
(uniquement inclus dans le pack 1.0)
- 10 Consignes de sécurité

Contenu de la livraison pack

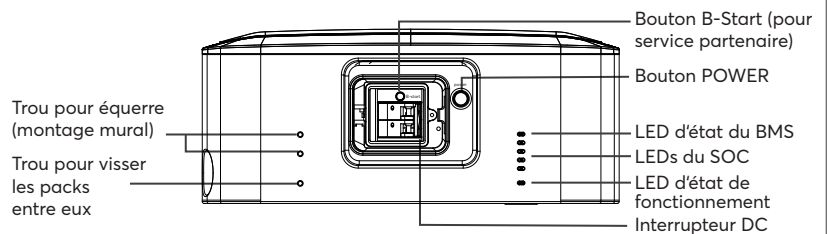


- 23 Vis pour visser les packs
et les équerres de montage
- 23a) M6 (pack 2.0)
23b) M5 (pack 1.0)
- 24 Consignes de sécurité

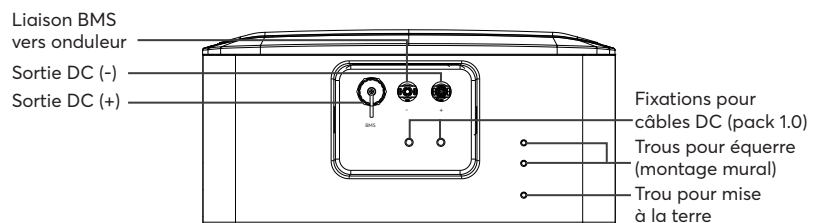
Vue du côté gauche top pack 2.0



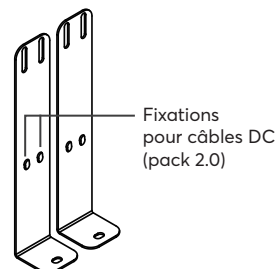
Vue du côté gauche top pack 1.0



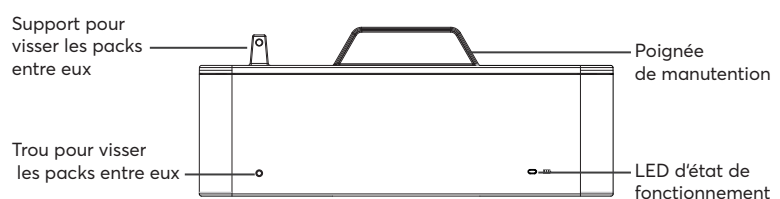
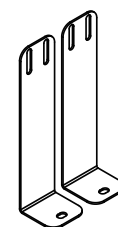
Vue du côté droit



Équerres de montage top pack 2.0

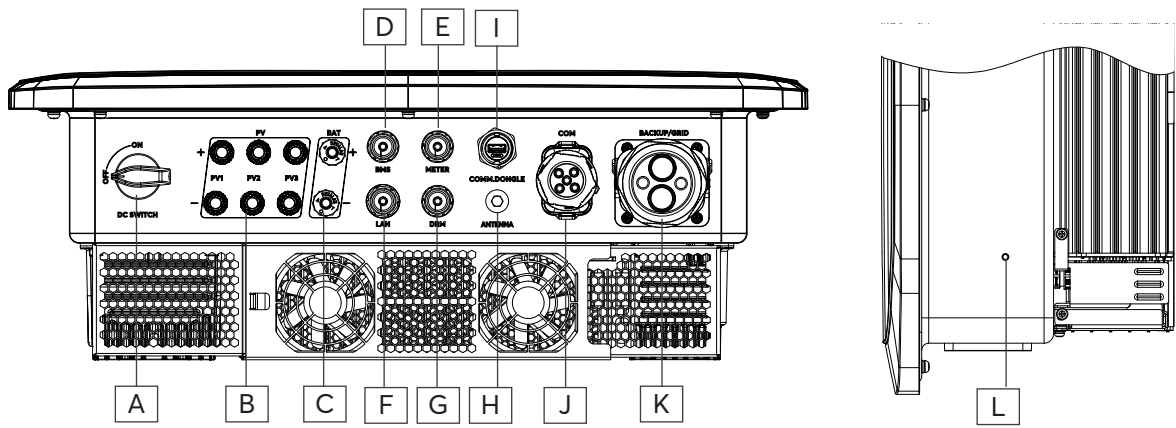


Équerres de montage top pack 1.0

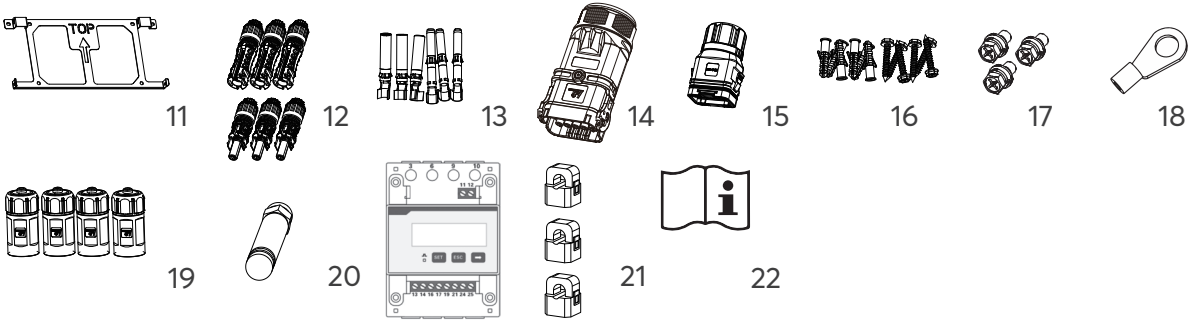


COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

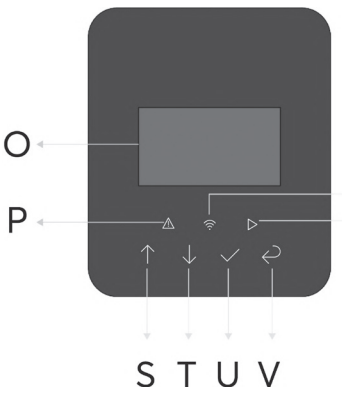
Inverter vision three 1.0



- A Interrupteur **DC SWITCH**
- B Entrées **PV 1, PV 2, PV3**
- C Connecteurs batteries
- D Liaison **BMS** depuis batteries
- E Port **Meter**
- F Port **LAN**
- G Port **DRM**
- H **ANTENNE**
- I Port **COMM. DONGLE**
- J Port **COM**
- K Sortie AC **BACKUP / GRID**
- L Mise à la terre



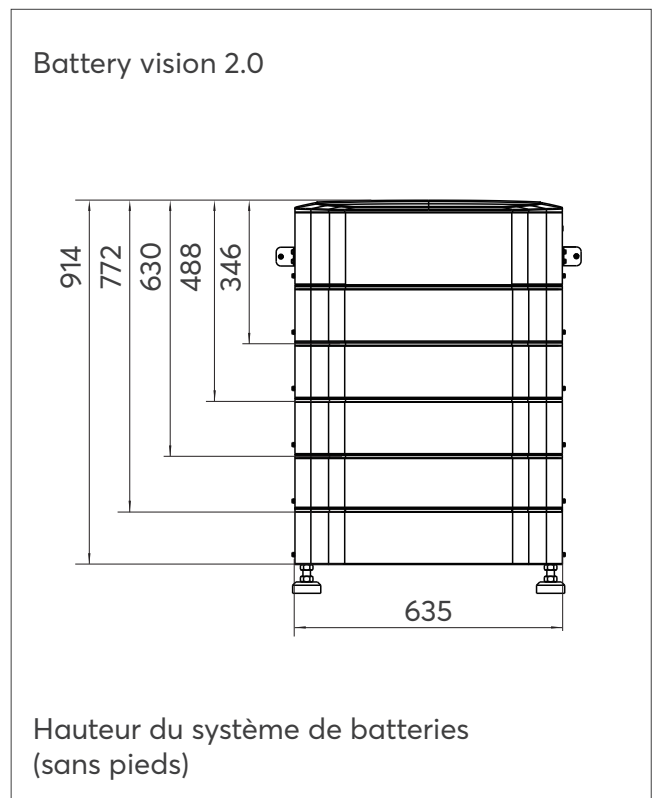
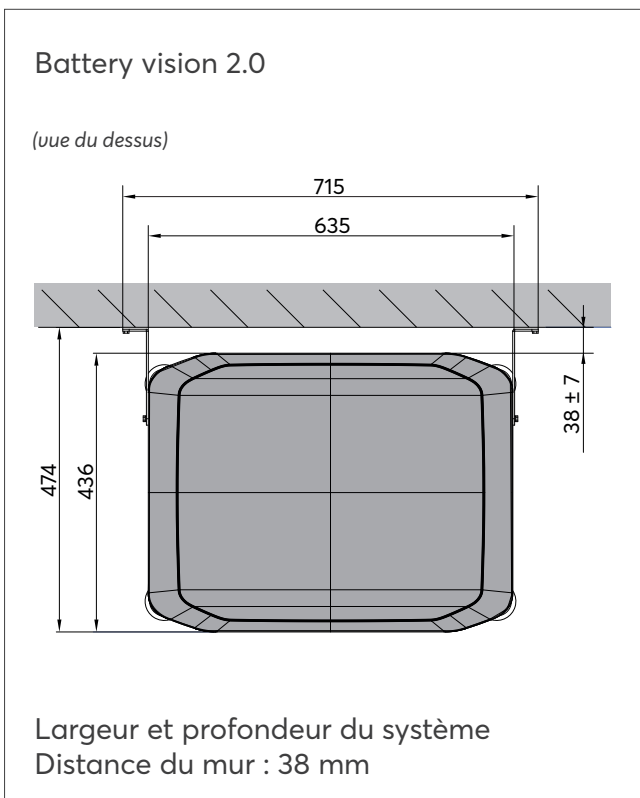
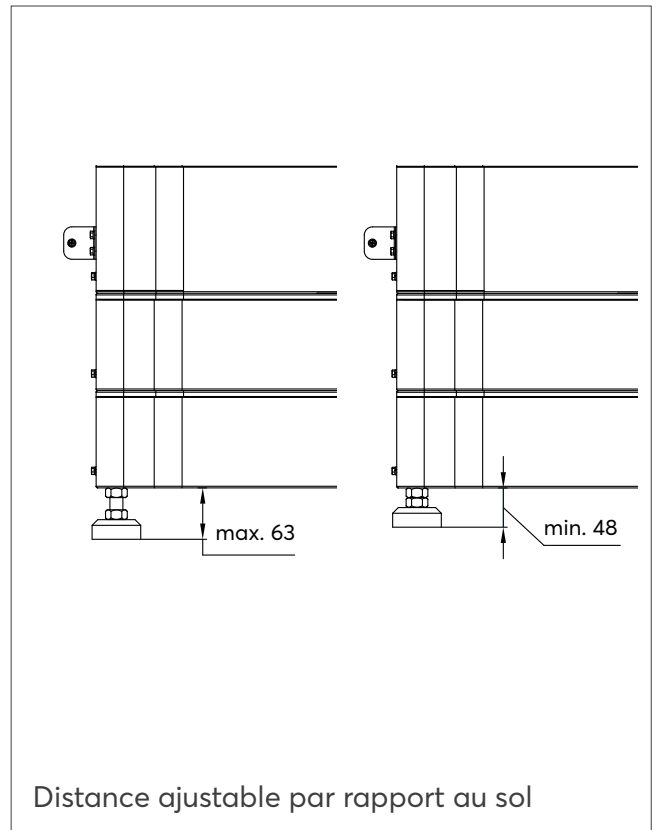
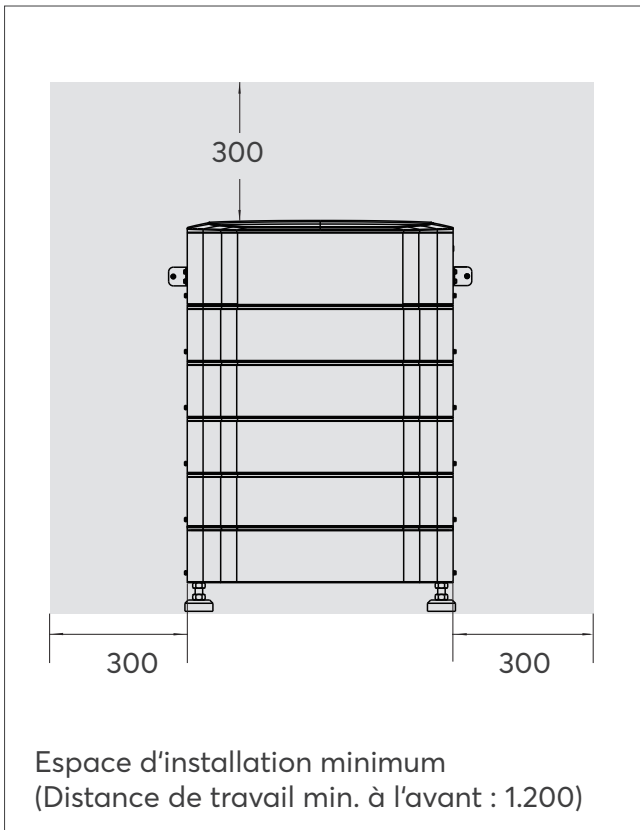
- 11 Support de montage
- 12 Connecteurs PV (MC4 Stäubli)
- 13 Cosses des connecteurs PV
- 14 Connecteur AC
- 15 Connecteur communication (facultatif)
- 16 Vis pour support de montage
- 17 Vis pour la fixation leur de l'onduleur
- 18 Cosse pour mise à la terre
- 19 Adaptateurs extérieurs Ethernet
- 20 Antenne
- 21 Compteur avec pinces TC
- 22 Guide de démarrage rapide Consignes de sécurité



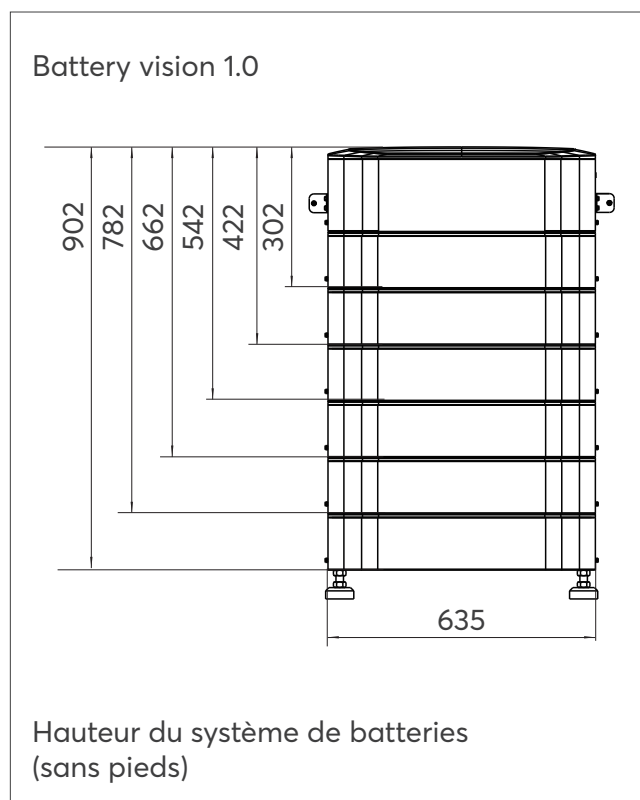
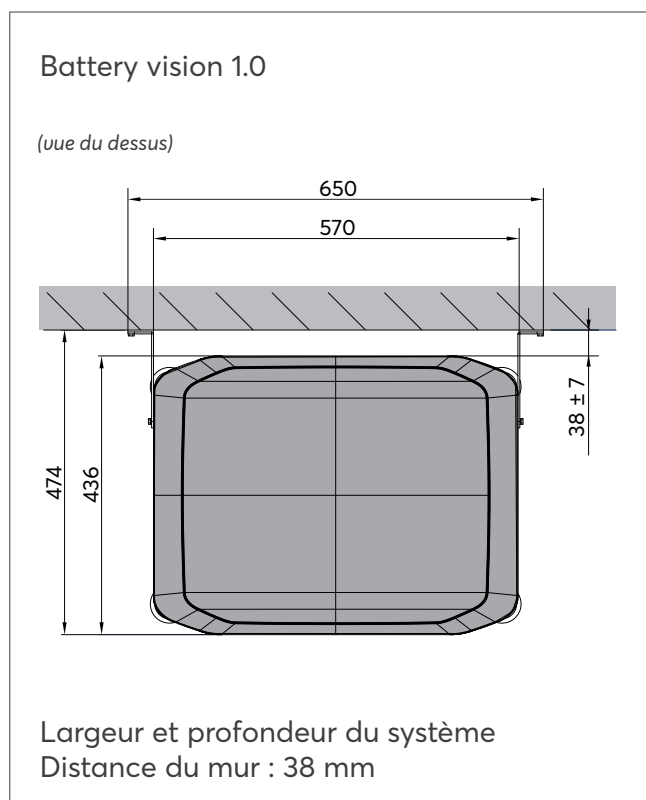
- O Affichage LCD
- P Rouge : défaut
- Q Bleu : activité du WiFi/Ethernet
- R Vert : état opérationnel
- S Monter : augmenter la valeur
- T Descendre : diminuer la valeur
- U Confirmer
- V Retour/sortie

- Équipement supp. requis :**
- Câble de communication (RS485 2 fils) pour la liaison avec le compteur Chint (METER)
 - Câble DC et AC pour l'onduleur
 - Câble LAN pour l'onduleur (en option)
 - Câble de mise à la terre de l'onduleur
 - Disjoncteur

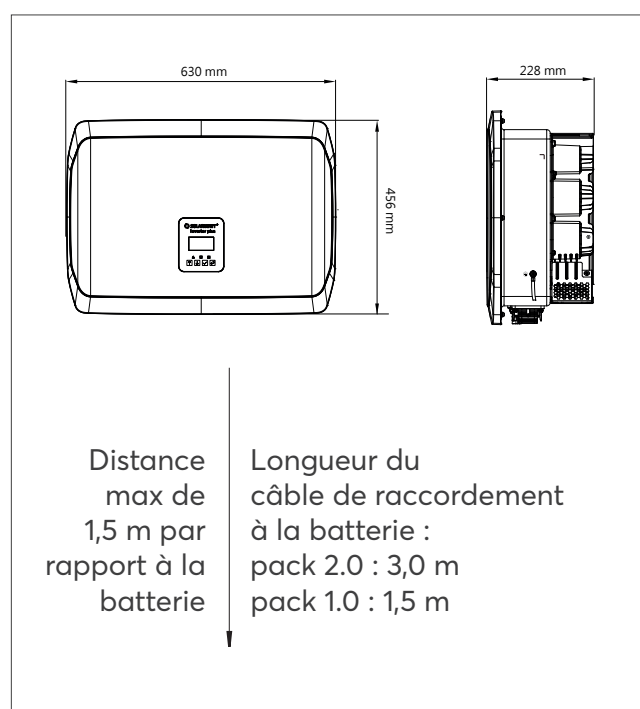
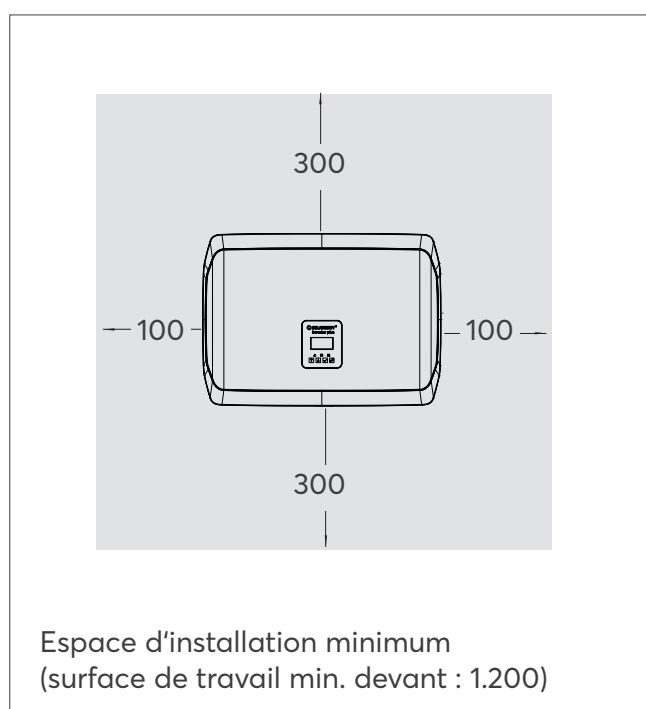
DIMENSIONS DE LA BATTERY VISION [MM]



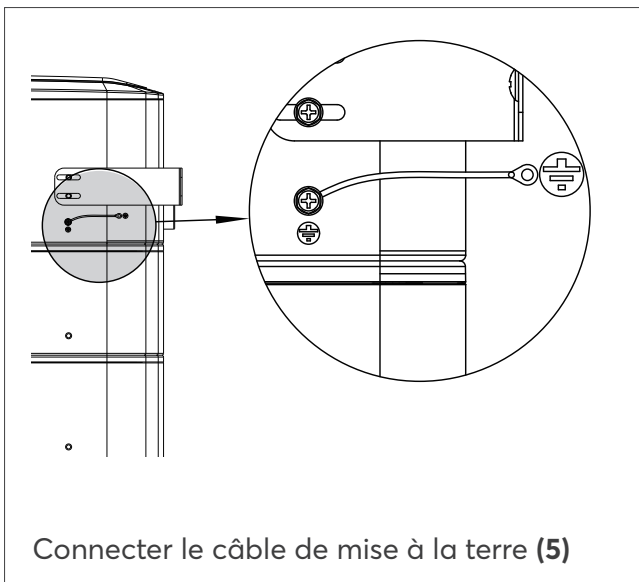
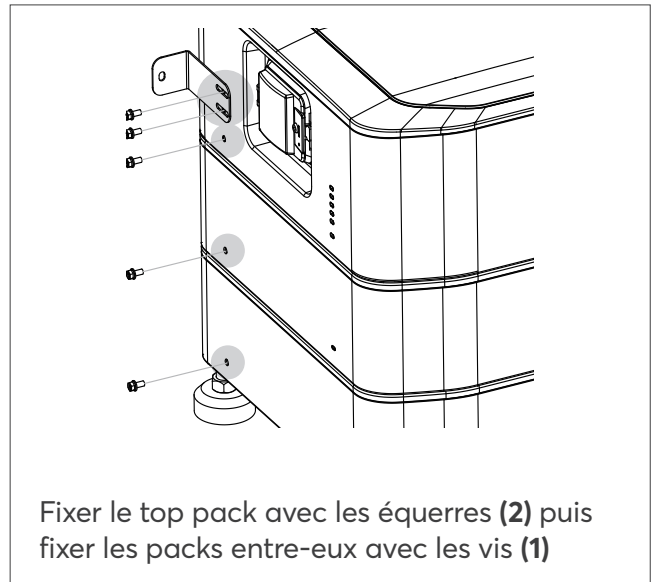
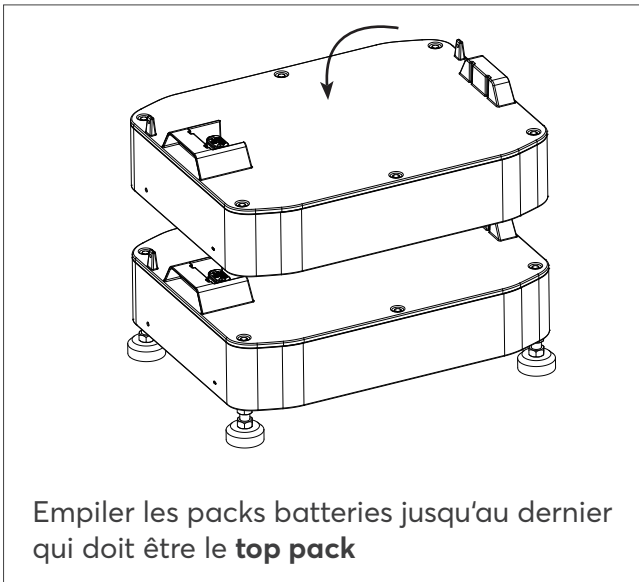
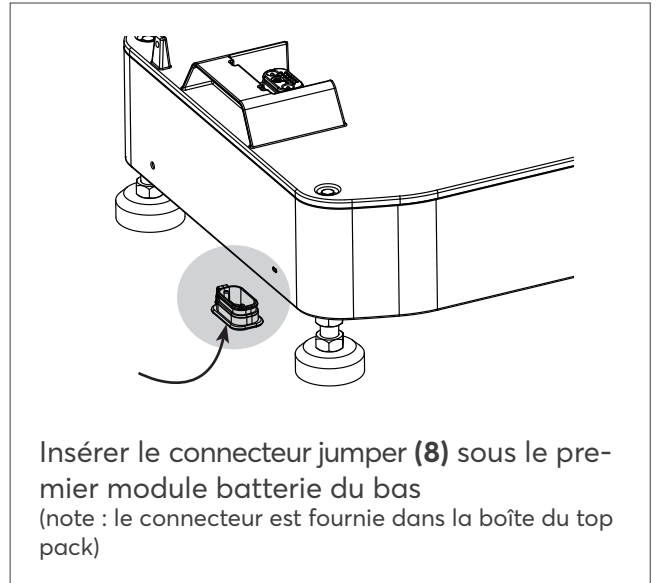
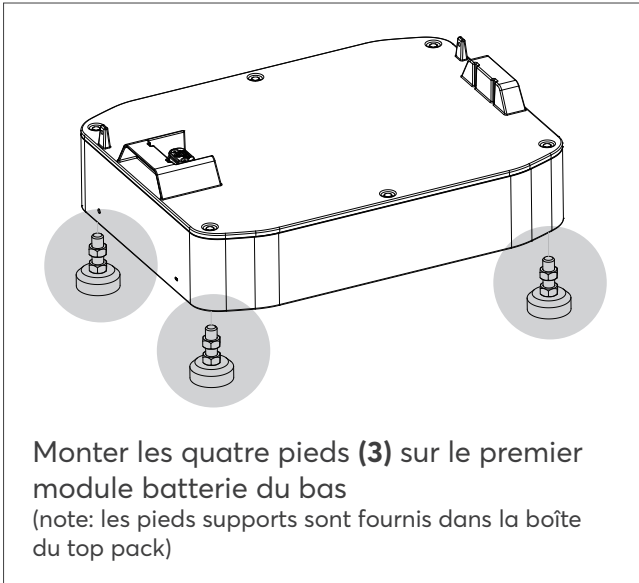
DIMENSIONS DE LA BATTERY VISION [MM]



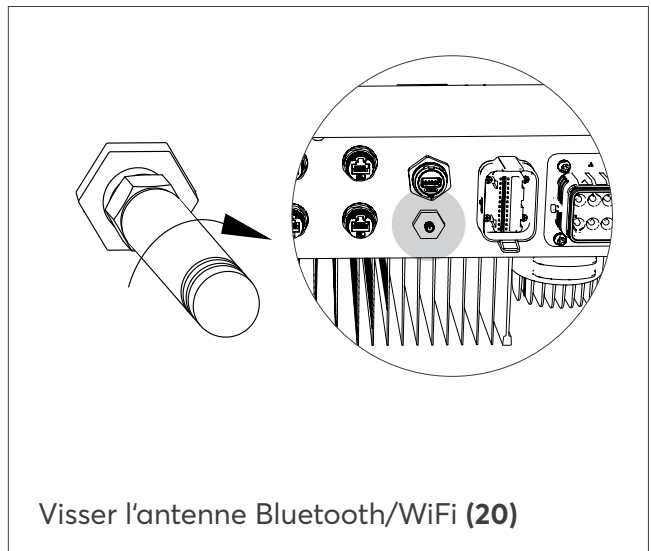
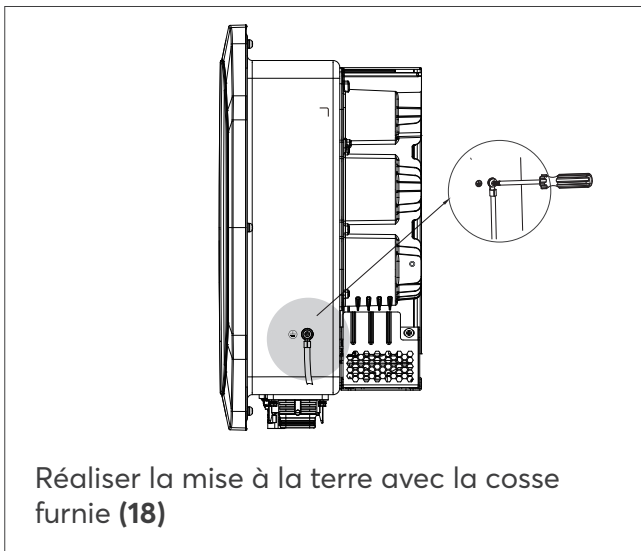
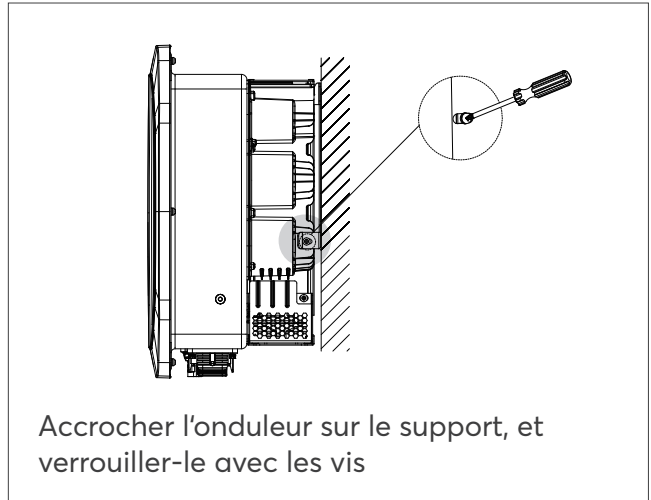
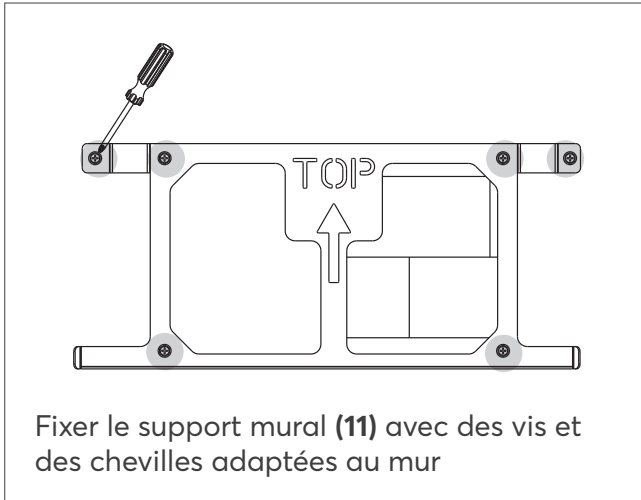
DIMENSIONS DE L'ONDULEUR INVERTER VISION THREE [MM]



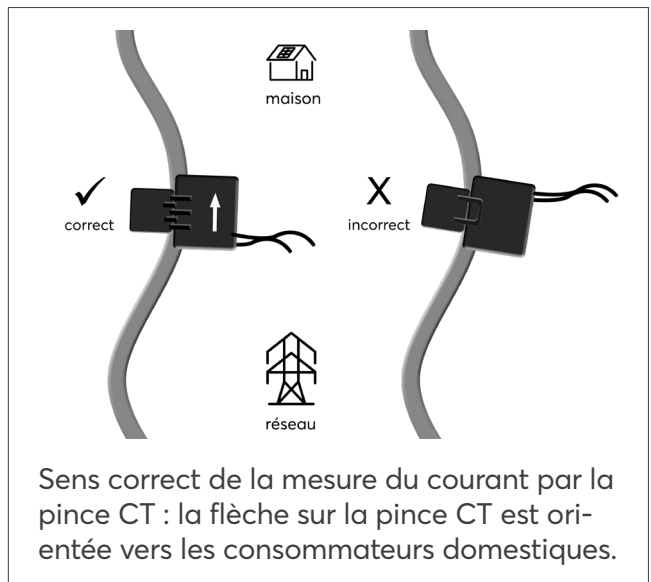
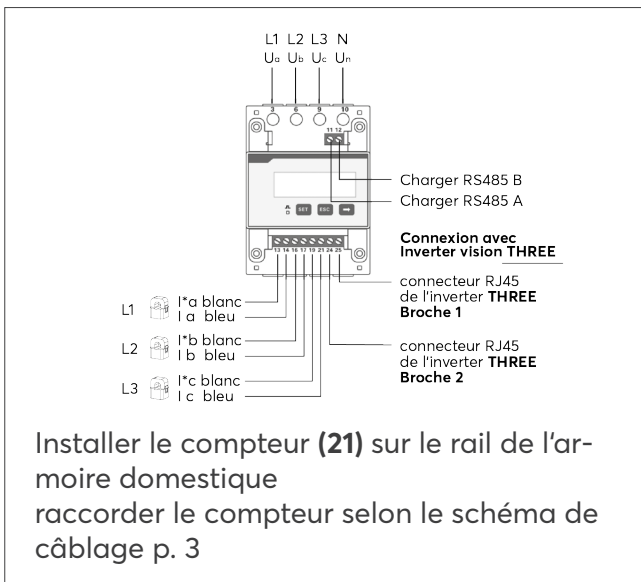
MONTAGE ET CÂBLAGE DES PACKS BATTERIES



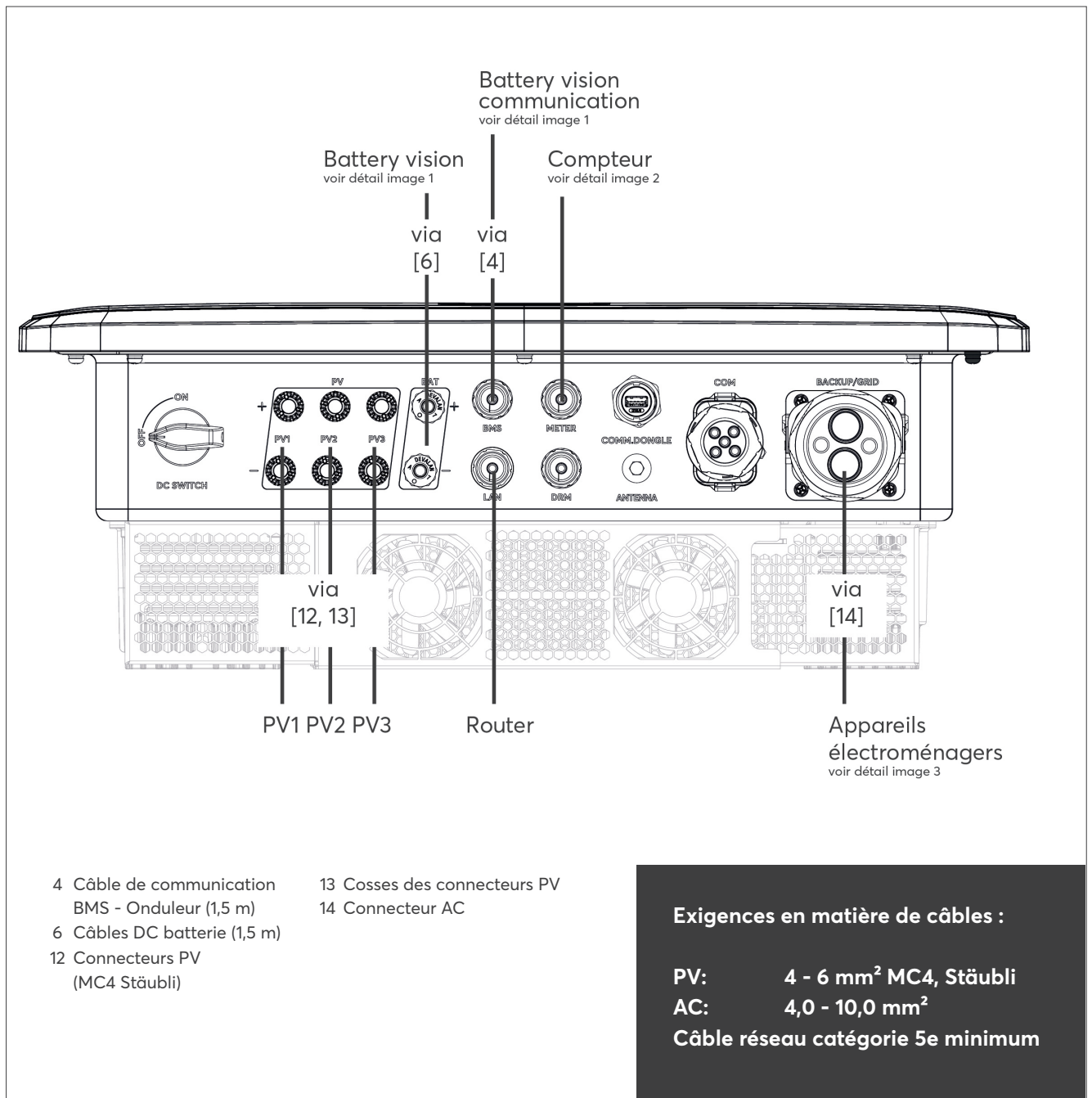
MONTAGE ET ET CÂBLAGE DE L'ONDULEUR



MONTAGE ET CÂBLAGE DU COMPTEUR

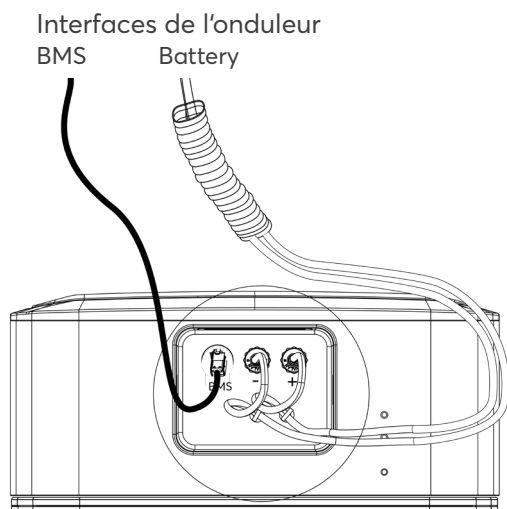


CÂBLAGE DE L'ONDULEUR



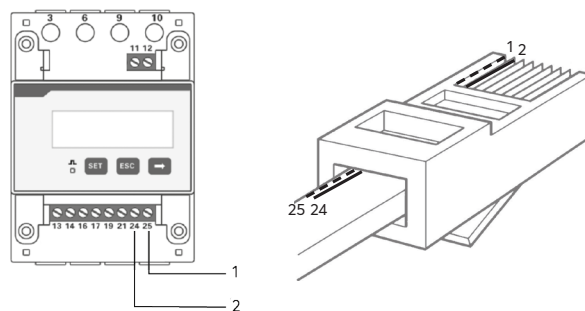
MONTAGE ET CÂBLAGE DE L'ONDULEUR

détail 1



Raccorder la batterie à l'aide des câbles DC batteries (6) et du câble de communication BMS - Onduleur (4)

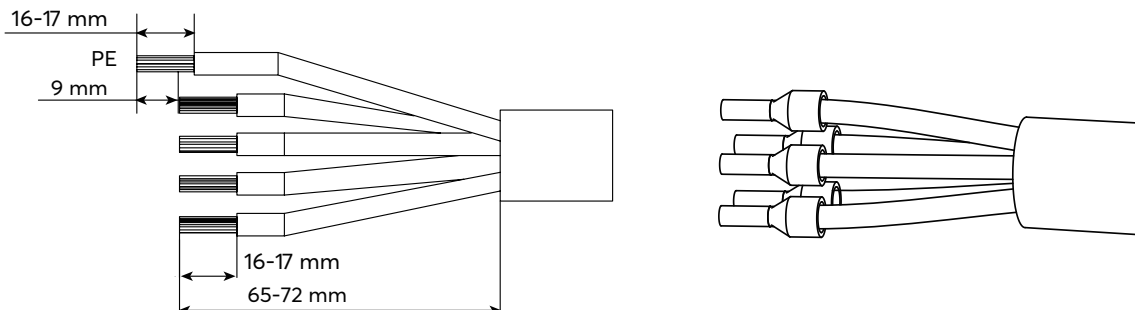
détail 2



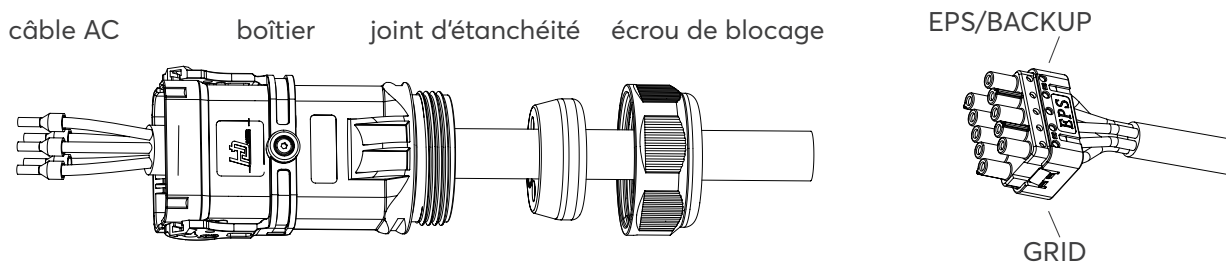
PIN du compteur	24	25
Broche de la prise RJ45 de l'onduleur	2	1

Raccorder le compteur Chint

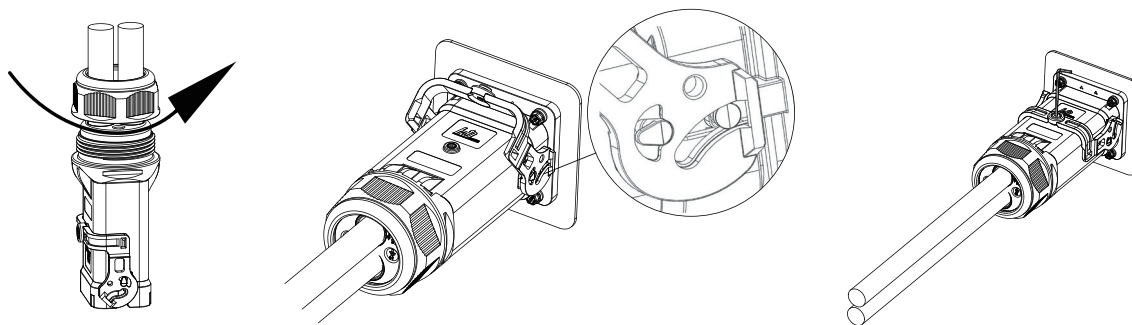
détail 3



Dénuder les câbles, les isoler et sertir les embouts sur les câbles



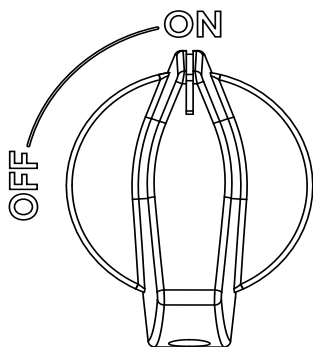
Faire passer le câble AC par les composants de la fiche AC
Relier les extrémités du câble de raccordement au réseau et du câble de sauvegarde conformément à la désignation des conducteurs sur le connecteur



Fixer l'écrou de blocage, brancher le câble d'alimentation sur le connecteur BACKUP/GRID, fermer l'étrier de sécurité

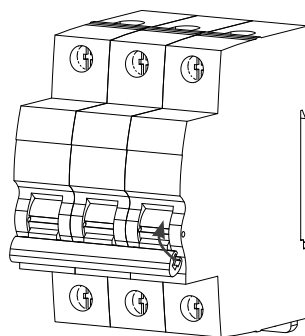
DÉMARRAGE DU SYSTÈME

1



Tourner l'interrupteur **DC Switch** de l'onduleur sur ON

2



Allumer :

- le disjoncteur AC Grid
- le disjoncteur AC Backup (si requis localement)

3

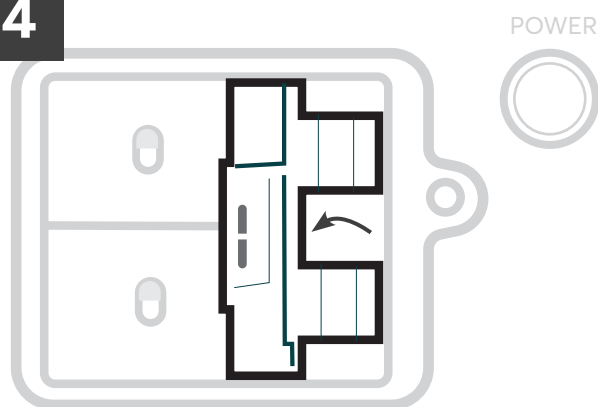


- définir le code réseau pour la sécurité du réseau
- reseau régler l'heure

Appuyer sur le bouton de confirmation de l'onduleur pendant 3 secondes.

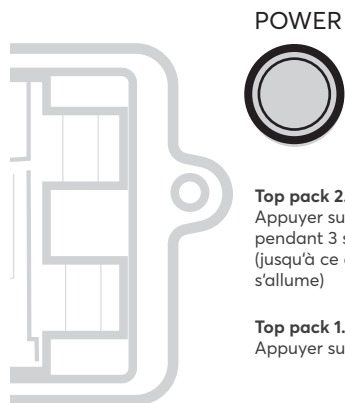
- sélectionner START

4



Mettre l'interrupteur **DC Switch** du top pack de la Battery vision sur ON

5



Top pack 2.0:
Appuyer sur le bouton pendant 3 secondes (jusqu'à ce que la LED d'état s'allume)

Top pack 1.0:
Appuyer sur l'interrupteur

Appuyer sur le bouton POWER (top pack)

Vous n'avez pas besoin d'un mot de passe pour l'installation initiale de l'onduleur. Pour les réglages suivants, le mot de passe est 0000.

Modifiez le mot de passe à la fin de la mise en service afin de protéger la configuration de l'onduleur.

LIAISON AVEC L'APPLICATION SOLARWATT PRO APP



Téléchargez l'application SOLARWATT Pro app et connectez-vous avec votre compte SOLARWATT Pro

Fonctionnalités de mise en service de l'application SOLARWATT Pro app :

Inverter vision

- Rendre l'appareil connectable via WiFi
- Auto-test selon CEI 0-21 (Italie)
- Définir Cos φ

Charger vision

- Rendre l'appareil connectable via WiFi
- Autorisation RFID
- Définir le courant de charge maximum (A)
- Configurer la gestion de la charge (en préparation)

Détecter et connecter l'onduleur via l'app SOLARWATT Pro app pour utiliser ces fonctionnalités

ARRÊT DU SYSTÈME

1



Appuyer sur le bouton de confirmation de l'onduleur  pendant 3 secondes.

- sélectionner STOP

2



POWER

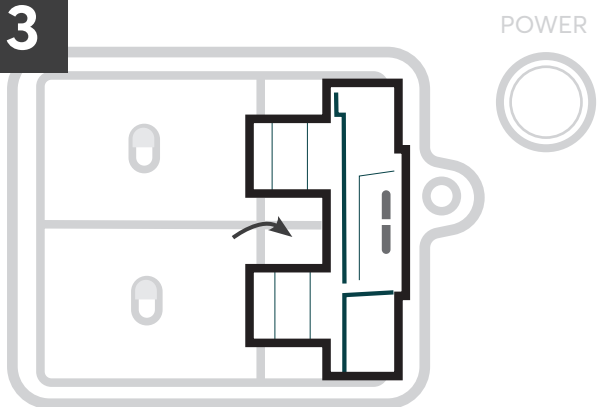


Top pack 2.0:
Appuyer sur le bouton pendant 5 secondes (jusqu'à ce que la LED d'état s'éteigne)

Top pack 1.0:
Appuyer sur l'interrupteur

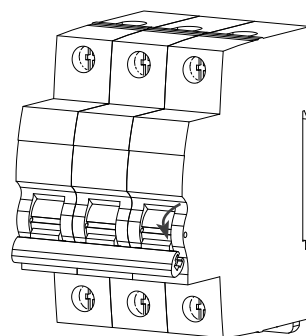
Appuyer sur le bouton POWER (top pack)

3



Mettre l'interrupteur **DC Switch** du top pack de la Battery vision sur OFF

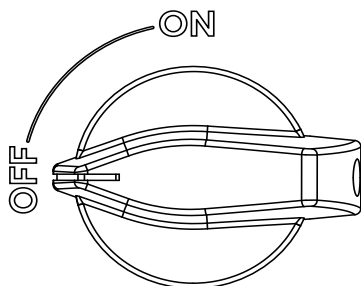
4



Éteindre

- le disjoncteur AC Grid
- le disjoncteur AC Backup (si requis localement)

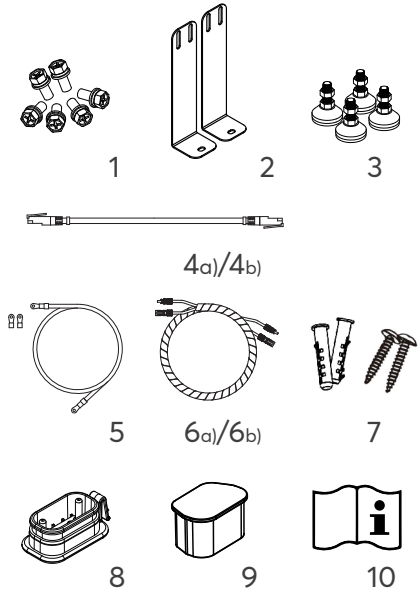
5



Tourner l'interrupteur **DC Switch** de l'onduleur sur OFF

Battery vision packs

Liste di imballaggio top pack



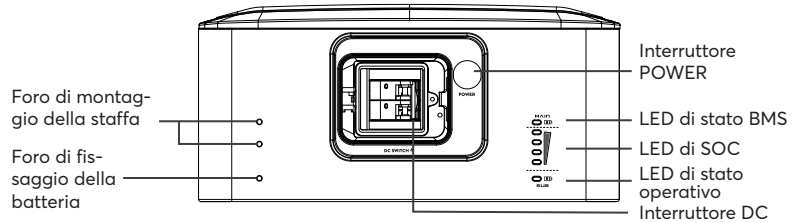
- 1 Viti di montaggio
2 per i pack e 2 per la staffa di fissaggio
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Staffa di fissaggio
- 3 Piedini di appoggio
- 4 Cavo di com., BMS - Inverter
- 4a) 3,0 m (pack 2.0)
- 4b) 1,5 m (pack 1.0)
- 5 Cavo di messa a terra
(con 2 capicorda aggiuntivi)
- 6 Cavo di uscita DC batteria
- 6a) 3,0 m (pack 2.0)
- 6b) 1,5 m (pack 1.0)
- 7 2 viti per il montaggio a parete
- 8 Connettore a ponte
- 9 Coperchio di protezione del connettore
(incluso solo nel pack 1.0)
- 10 Istruzioni di sicurezza

Liste di imballaggio pack

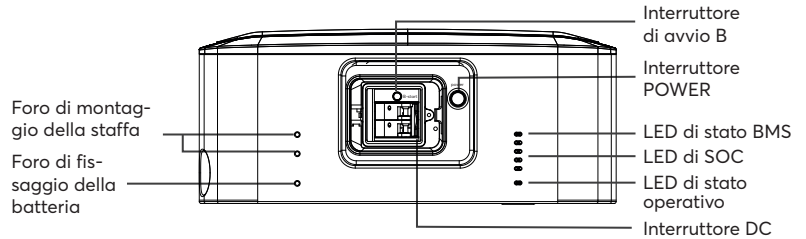


- 23 Viti di fissaggio per i pack
- 23a) M6 (pack 2.0)
- 23b) M5 (pack 1.0)
- 24 Istruzioni di sicurezza

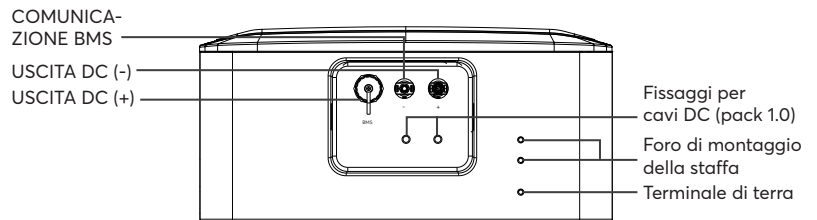
Vista dal lato sinistro top pack 2.0



Vista dal lato sinistro top pack 1.0

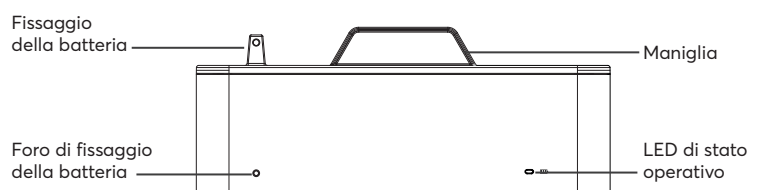
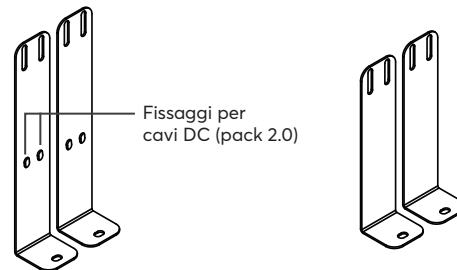


Vista dal lato destro



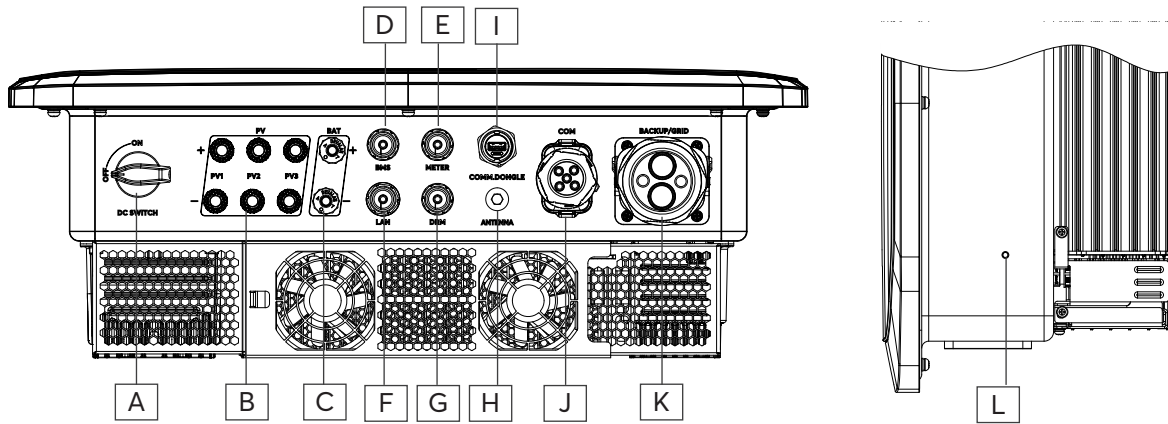
Staffa di fissaggio top pack 2.0

Staffa di fissaggio top pack 1.0

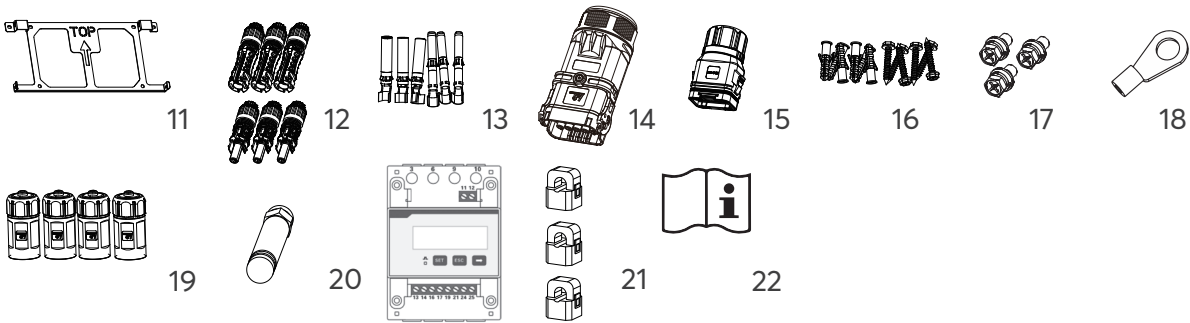


DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

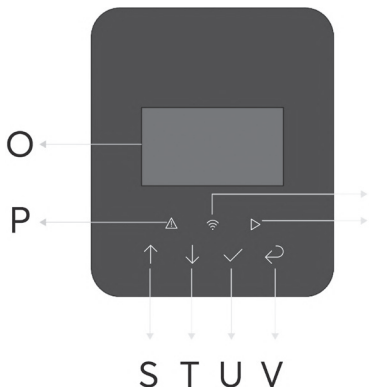
Inverter vision three 1.0



- | | | |
|--------------------------|-------------|-----------------|
| A INTERRUTTORE DC SWITCH | E CONTATORE | I COMM. DONGLE |
| B PV 1, PV 2, PV3 | F LAN | J COM |
| C CONNESSIONE BATTERIA | G DRM | K BACKUP / GRID |
| D BMS | H ANTENNA | L TERRA |



- | | | |
|---------------------------------------|---|---|
| 11 Staffa di fissaggio | 16 Tasselli e viti per fissaggio a muro | 20 Antenna |
| 12 Connettori FV (Stäubli MC4 Evo 2) | 17 Viti per il fissaggio dell'inverter | 21 Misuratore con TA |
| 13 Contatti pin FV | 18 Terminale messa a terra | 22 Guida rapida Istruzioni di sicurezza |
| 14 Connettore CA | 19 Adattatori per estreno | |
| 15 Connettore porta COM (facoltativo) | | |

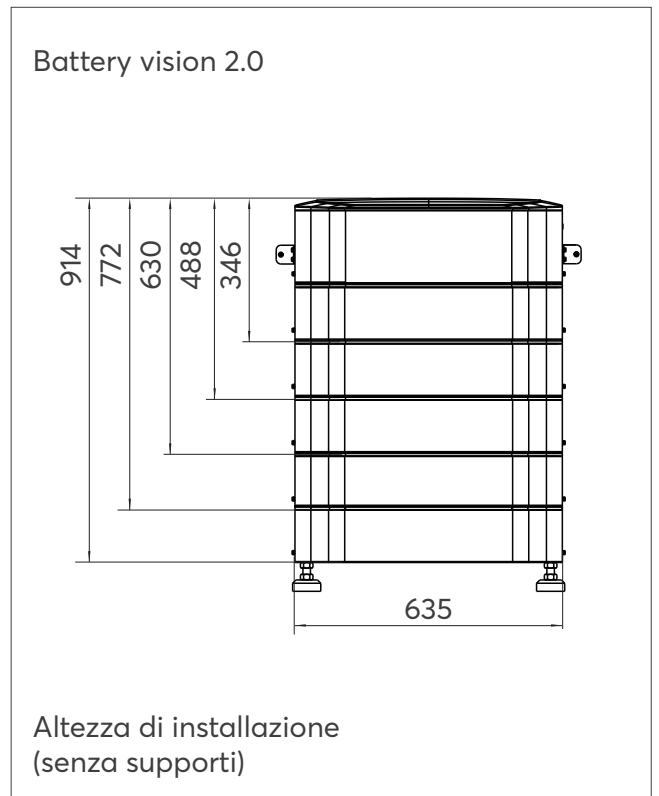
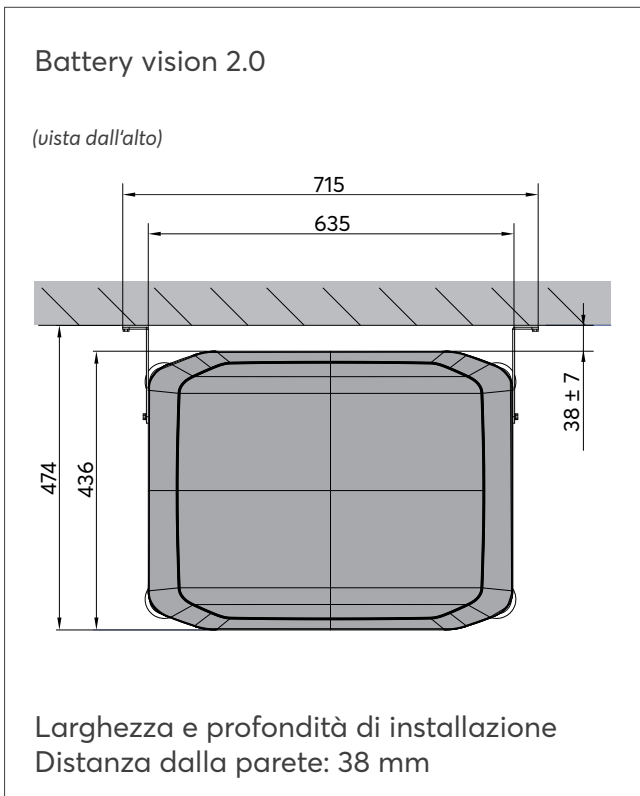
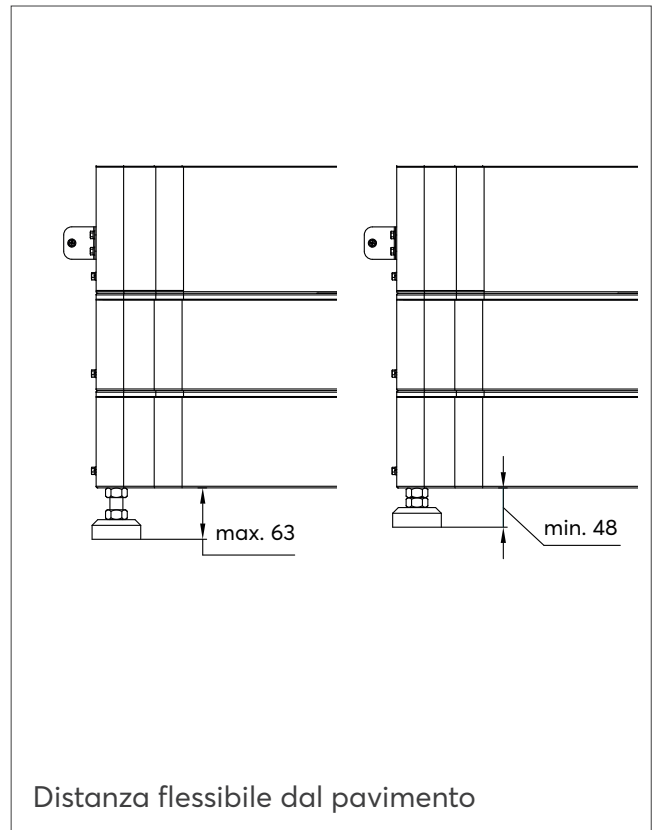
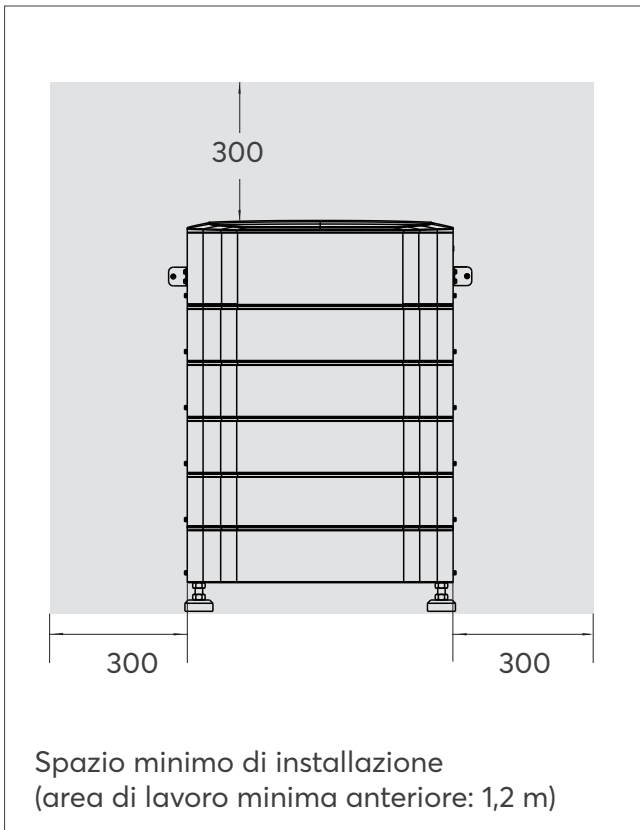


- O Display LC
- P rojo: fallo
- Q azul: estado de WLAN/LAN
- R verde: en funcionamiento
- S up: incrementar valor
- T down: decrementar valor
- U confirmar
- V retroceder/salida

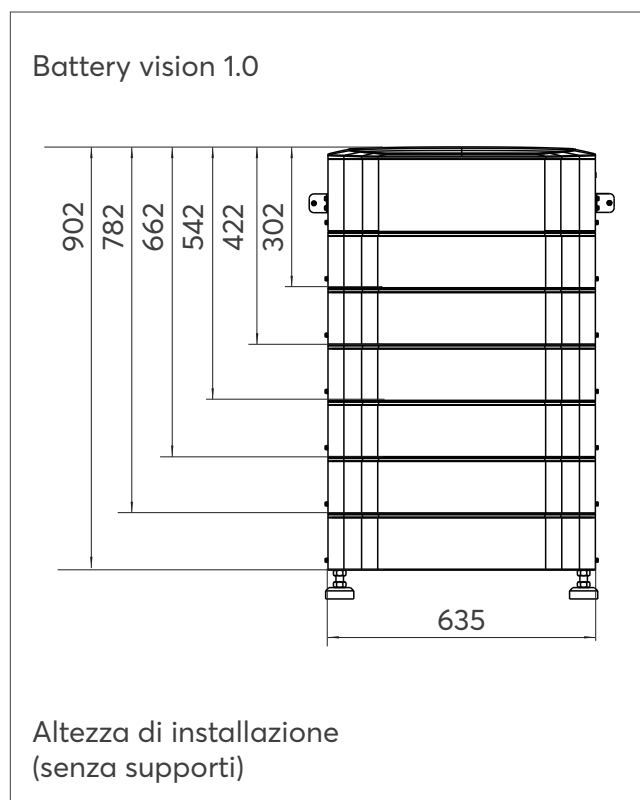
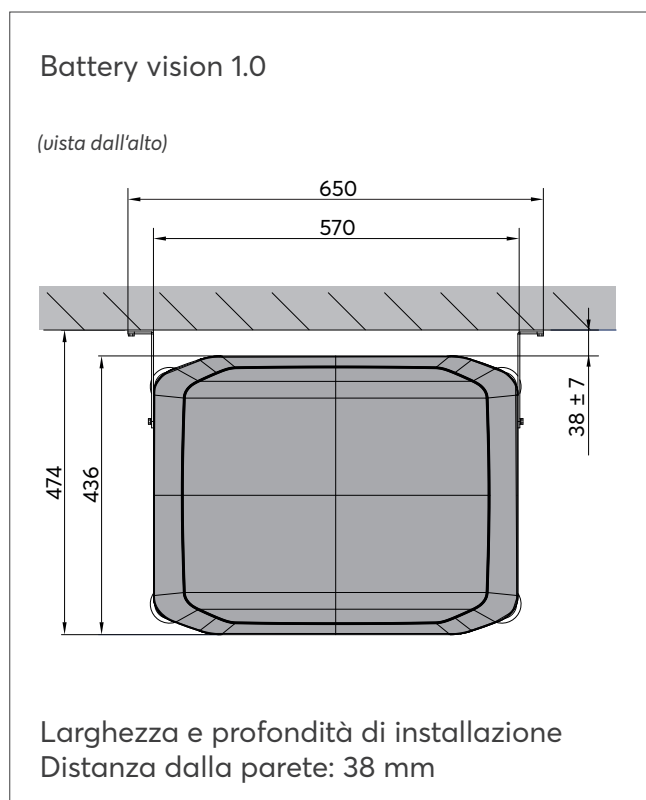
Equipo adicional necesario:

- cable de comunicación (cable RS485 de 2 hilos) para el meter
- Cable de CC y CA para el invector
- Cable LAN para el invector (opcional)
- Cable de tierra para el invector
- disyuntor

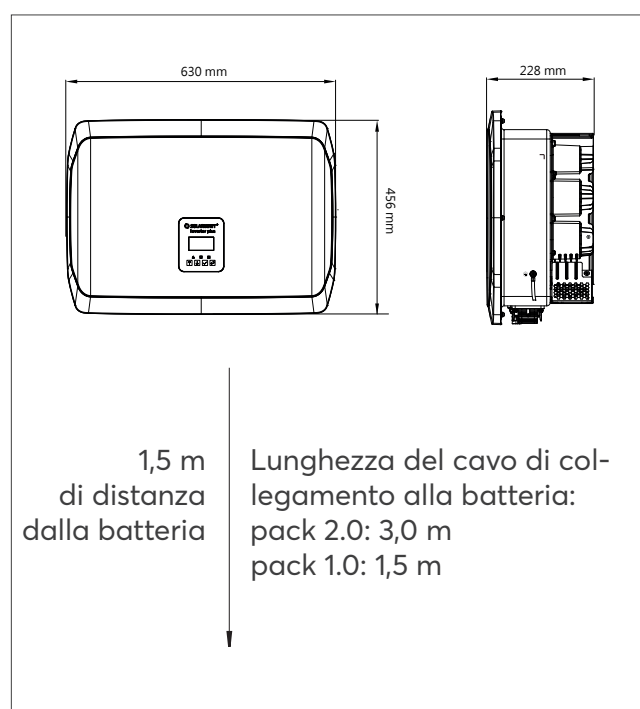
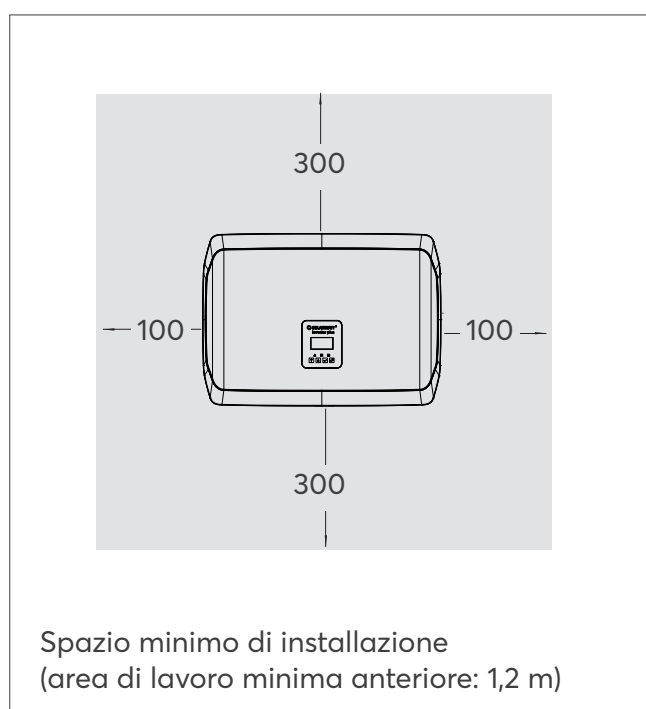
DIMENSIONI BATTERY VISION [MM]



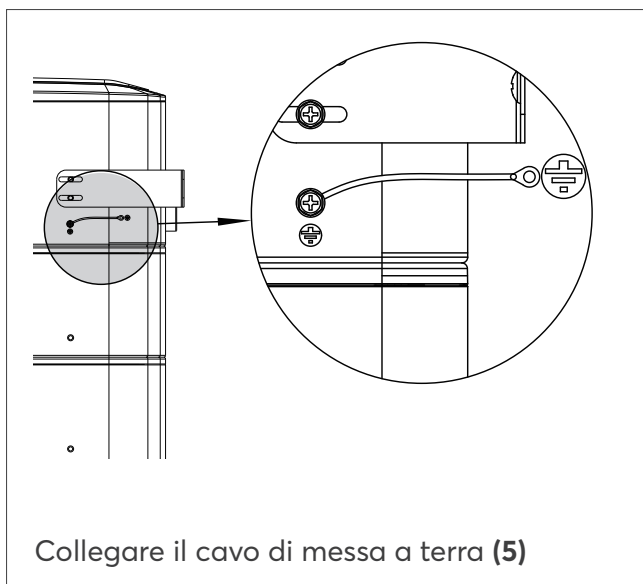
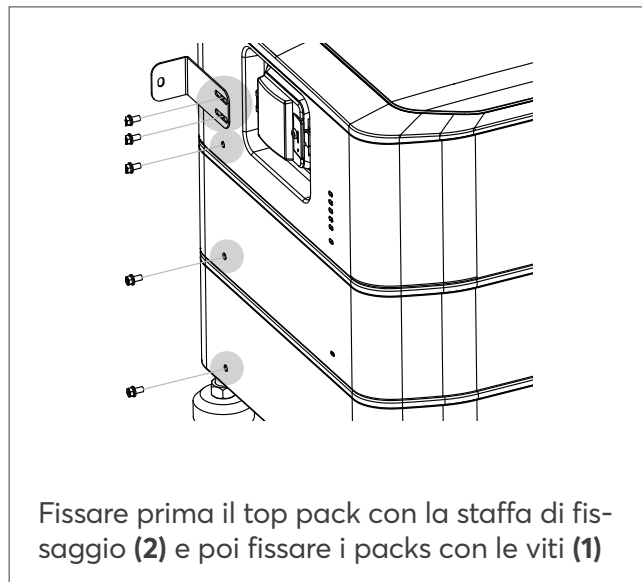
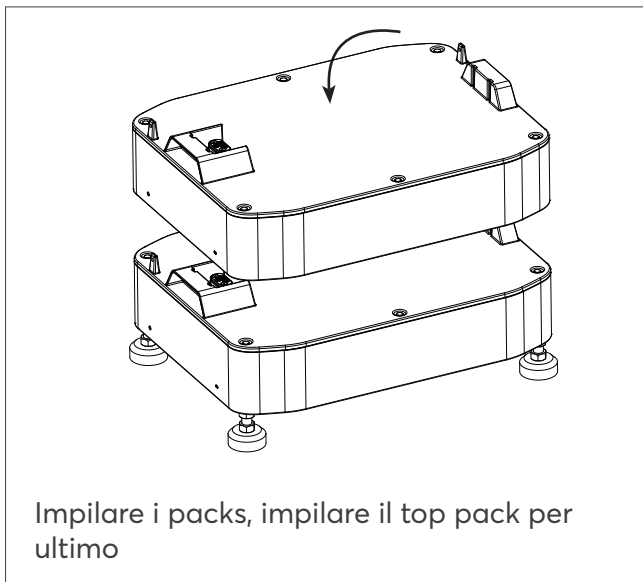
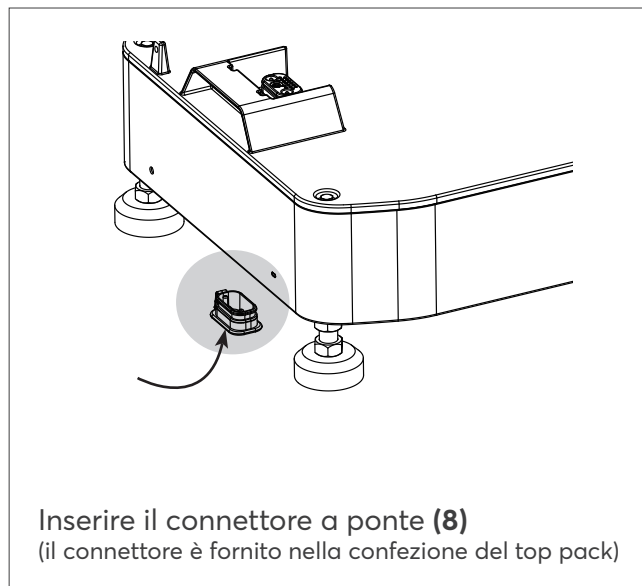
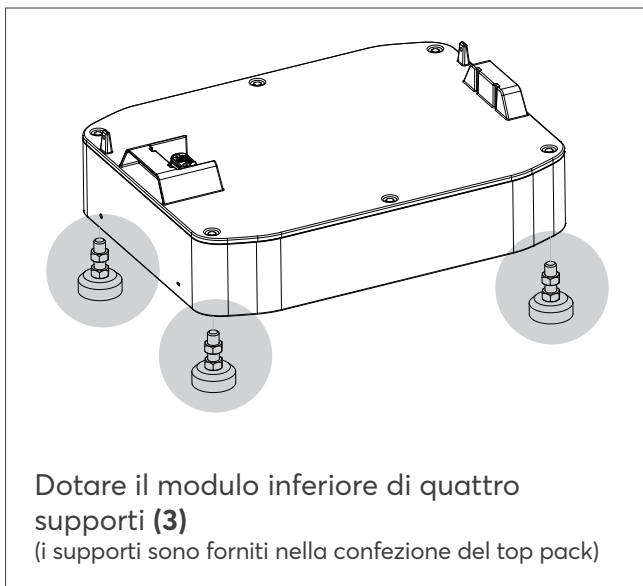
DIMENSIONI BATTERY VISION [MM]



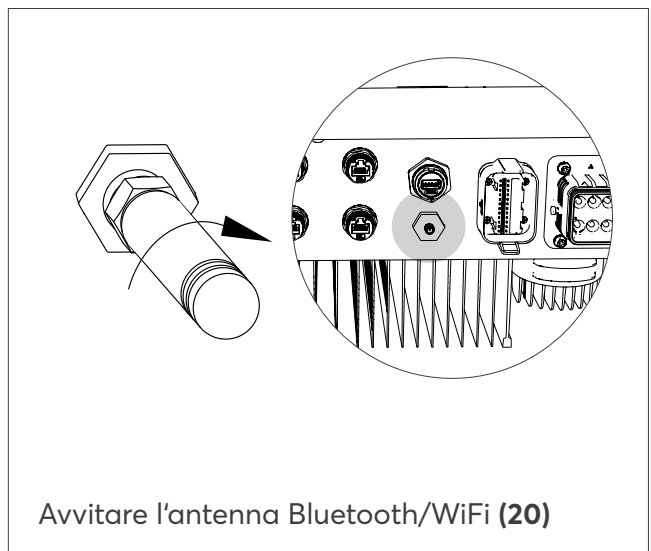
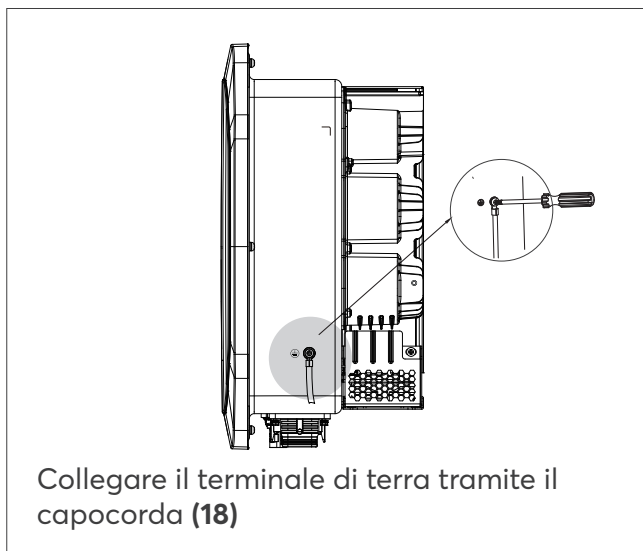
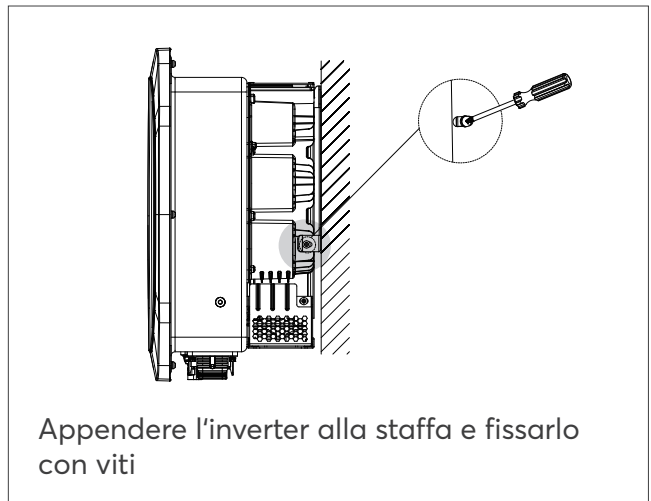
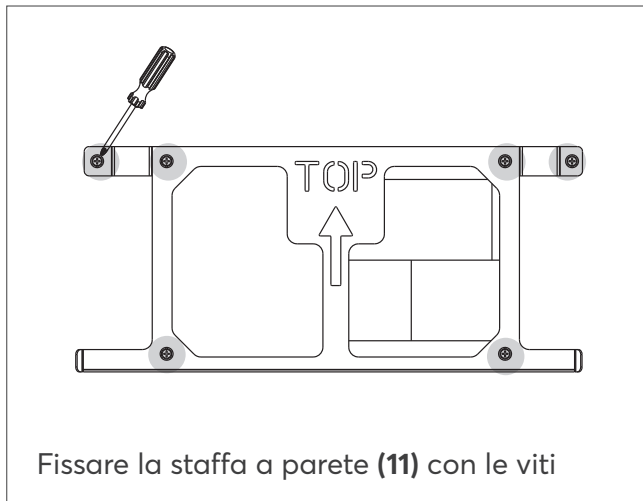
DIMENSIONI INVERTER VISION THREE [MM]



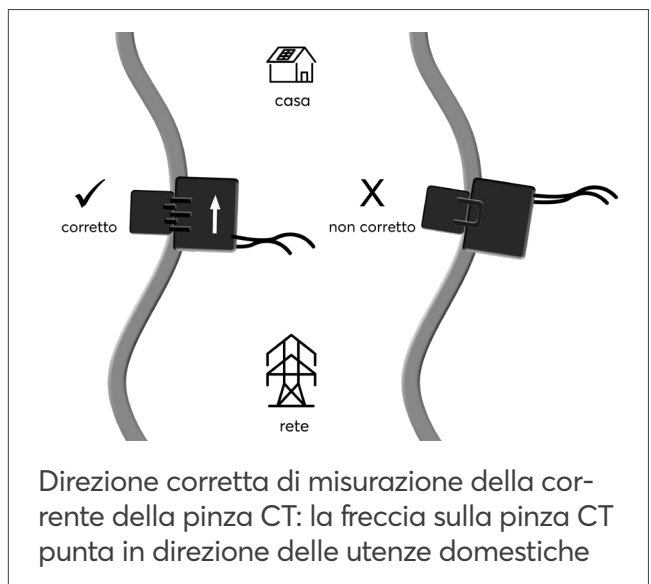
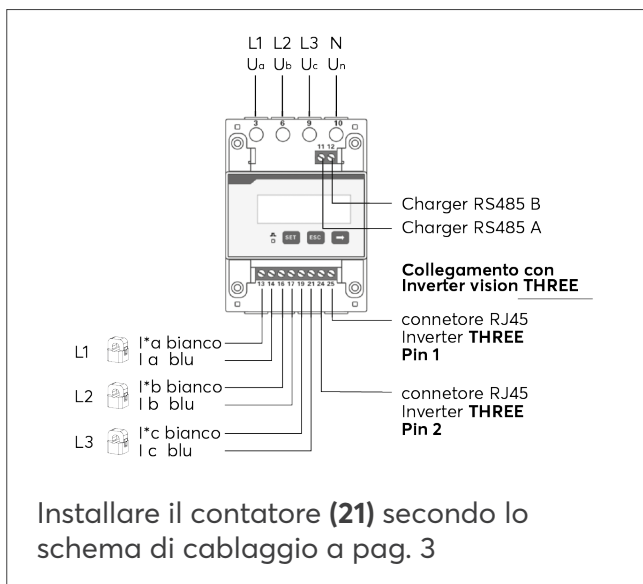
BATTERY PACKS MONTAGGIO E CABLAGGIO



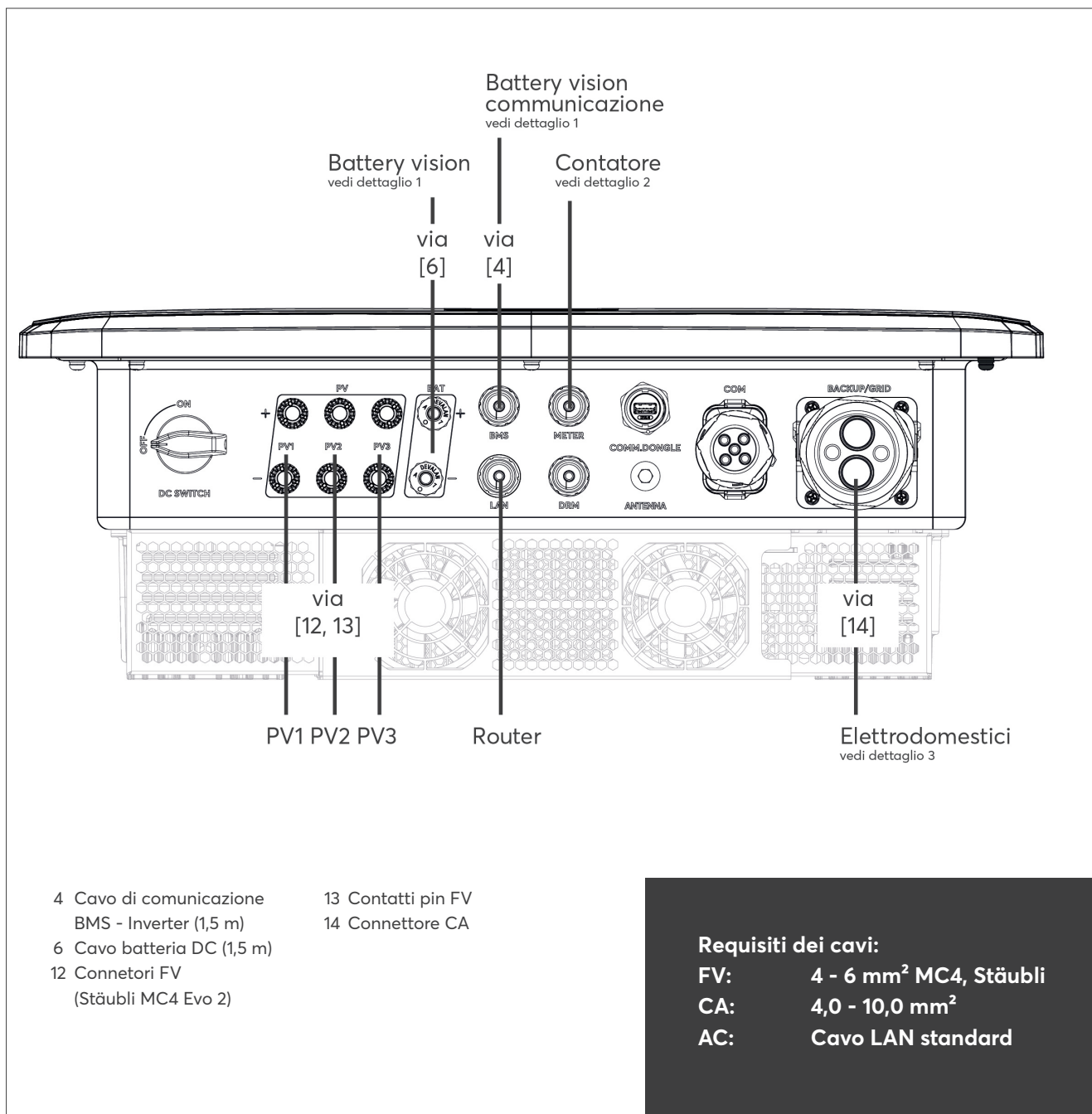
INVERTER MONTAGGIO E CABLAGGIO



CONTATORE MONTAGGIO E CABLAGGIO



CABLAGGIO DELL'INVERTER

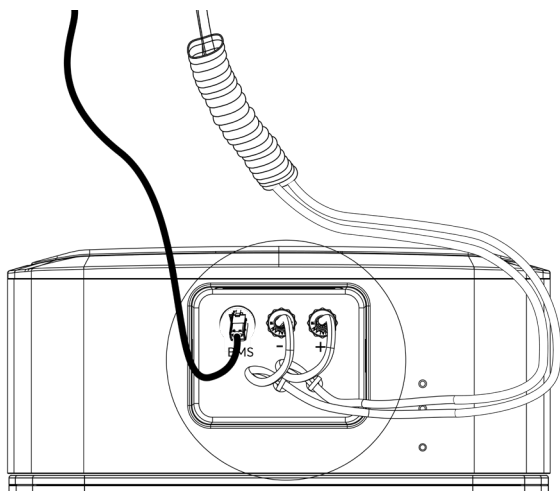


dettaglio 1

Interfacce dell'inverter

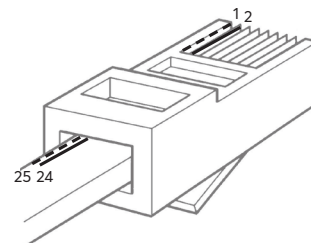
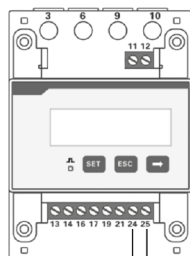
BMS

Battery



Collegare la batteria (6, 4)

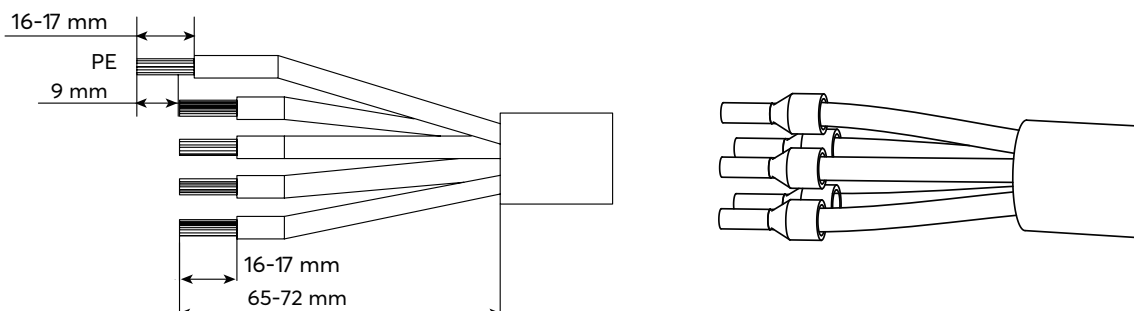
dettaglio 2



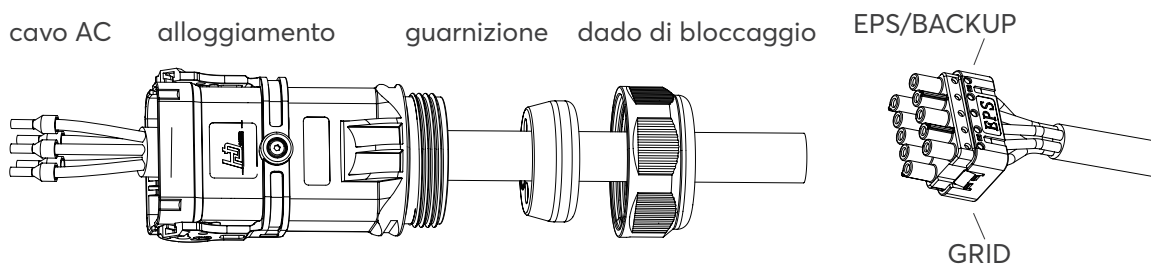
PIN del contatore	24	25
Pin del connettore RJ45 per l'inverter	2	1

Collegare il contatore

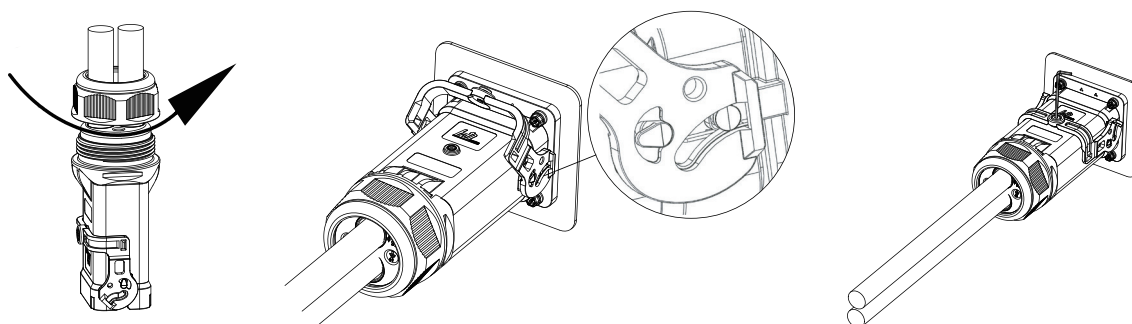
dettaglio3



Spellare il cavo, togliere l'isolante e crimpare i capicorda sui cavi



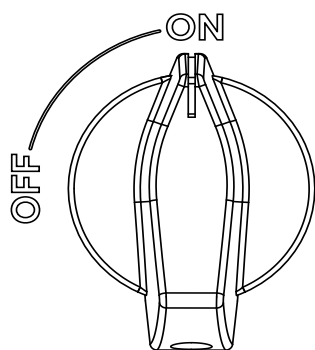
Far passare il cavo AC attraverso i componenti della spina AC
Collegare le estremità del cavo di collegamento alla rete e del cavo di backup in base alla designazione dei fili sulla spina



Fissare il dado di bloccaggio, collegare il cavo di rete al collegamento BACKUP/GRID, chiudere la clip di sicurezza

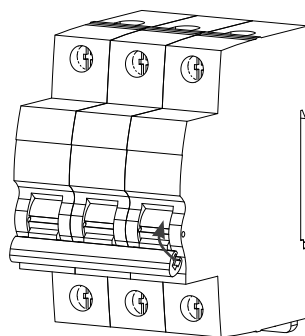
AVVIO DEL SISTEMA

1



Accendere l'interruttore DC dell'inverter

2



Accendere

- Interruttore AC Rete
- Interruttore AC Backup (se richiesto localmente)

3

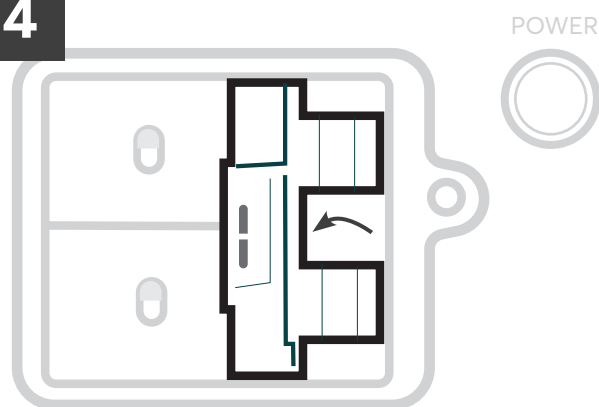


- impostare il codice della rete per la sicurezza della rete
- impostare l'ora

Premere il pulsante di conferma dell'inverter per 3 secondi.

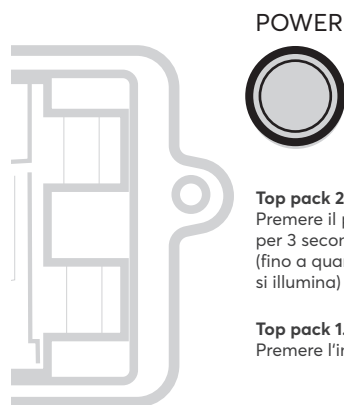
- selezionare START

4



Accendere l'interruttore DC della batteria (top pack)

5



POWER

Top pack 2.0:
Premere il pulsante per 3 secondi (fino a quando il LED di stato si illumina)

Top pack 1.0:
Premere l'interruttore

Premere il pulsante POWER (top pack)

Per l'installazione iniziale non è necessaria una password per l'inverter. Per le impostazioni successive, la password è 0000.

Modificare la password al termine della messa in funzione per proteggere la configurazione dell'inverter.

CONNESSIONE CON L'APP SOLARWATT PRO APP



Scaricare l'app SOLARWATT Pro e accedere con il proprio account del Pro portal di Solarwatt.

Funzioni di messa in servizio della SOLARWATT Pro app:

Inverter vision

- Rendere il dispositivo collegabile via WiFi
- Autotest CEI 0-21 (Italia)
- Impostazione Cos φ

Charger vision

- Rendere il dispositivo collegabile via WiFi
- Autorizzazione RFID
- Impostazione della corrente di carica massima (A)
- Impostazione della gestione del carico (in preparazione)

Rilevare e collegare l'inverter tramite l'app SOLARWATT Pro per utilizzare queste funzioni

SPEGNIMENTO DEL SISTEMA

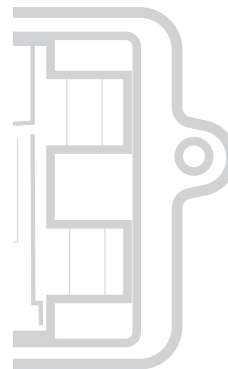
1



Premere il pulsante di conferma dell'interfaccia per per 3 secondi.

- selezionare STOP

2



POWER

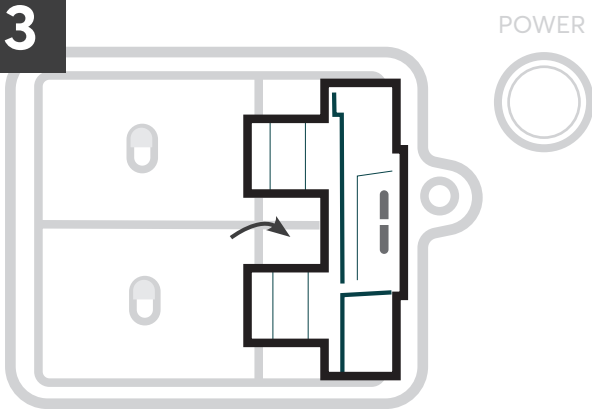


Top pack 2.0:
Premere il pulsante per 5 secondi (fino a quando il LED di stato non si spegne)

Top pack 1.0:
Premere l'interruttore

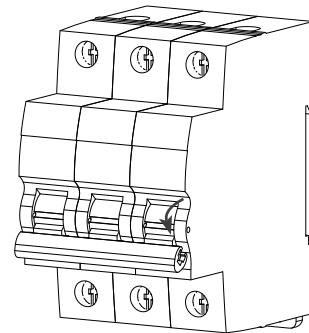
Premere il pulsante POWER (top pack)

3



Spegnere l'interruttore CC della batteria (top pack)

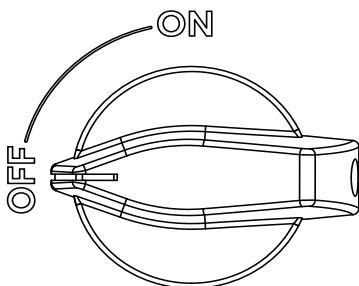
4



Spegnere

- Interruttore CA Rete
- Interruttore CA Backup (se richiesto localmente)

5

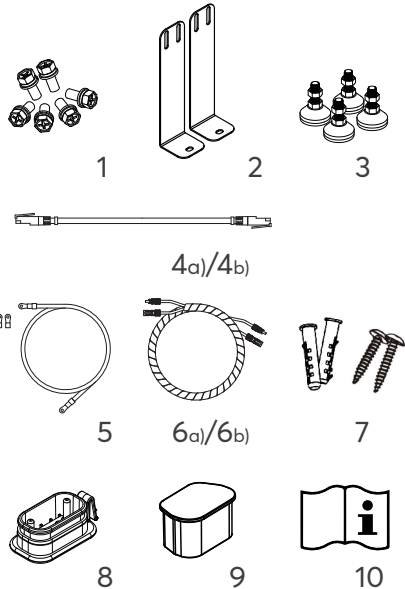


Disattivare l'interruttore CC dell'inverter

TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Battery vision packs

Paklijsten top pack



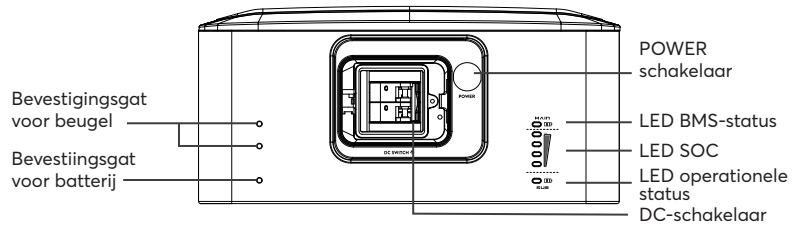
- 1 Schroeven
2 voor pack bevestiging en 2 voor beugel bevestiging
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Bevestigingsbeugels
- 3 Voetsteunen
- 4 Comm.kabel, BMS - Inverter
4a) 3,0 m (pack 2.0)
4b) 1,5 m (pack 1.0)
- 5 Aardingskabel
(met 2 extra kabelschoenen)
- 6 DC kabel batterij
6a) 3,0 m (pack 2.0)
6b) 1,5 m (pack 1.0)
- 7 2 Schroeven voor muurbevestiging
- 8 Contrastekker
- 9 Beschermkap connector
(alleen inbegrepen bij pack 1.0)
- 10 Veiligheidsinstructies

Paklijsten pack

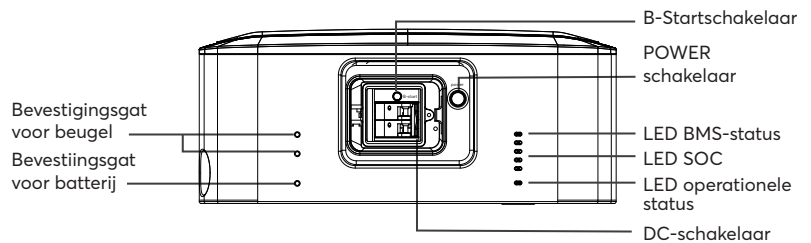


- 23 Schroeven
voor pack bevestiging
23a) M6 (pack 2.0)
23b) M5 (pack 1.0)
- 24 Veiligheidsinstructies

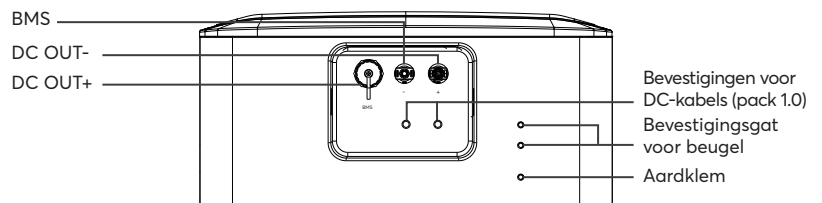
Linkeraanzicht top pack 2.0



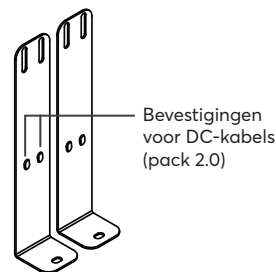
Linkeraanzicht top pack 1.0



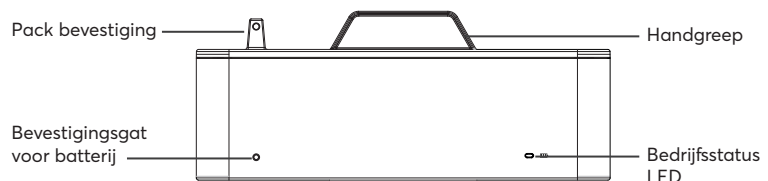
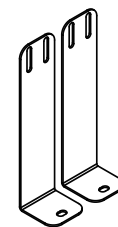
Rechteraanzicht



Bevestigingsbeugels top pack 2.0

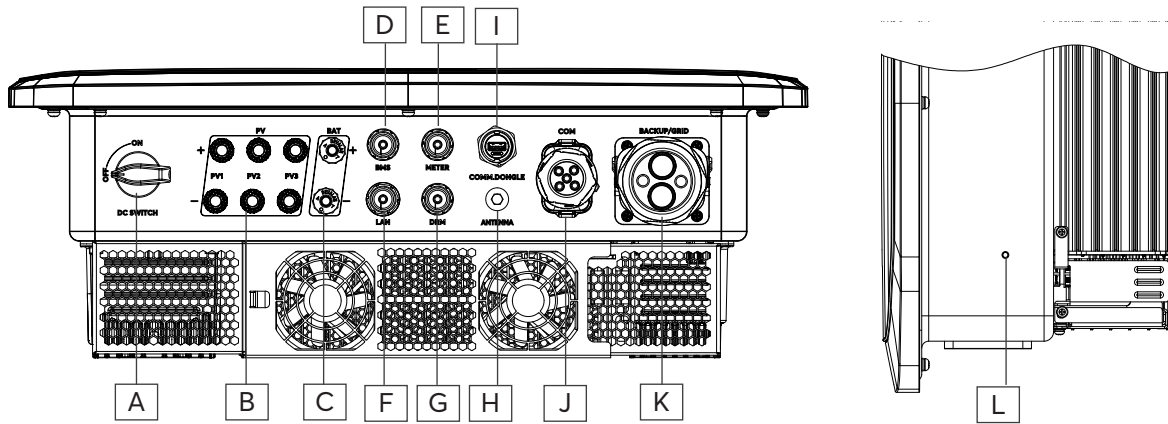


Bevestigingsbeugels top pack 1.0

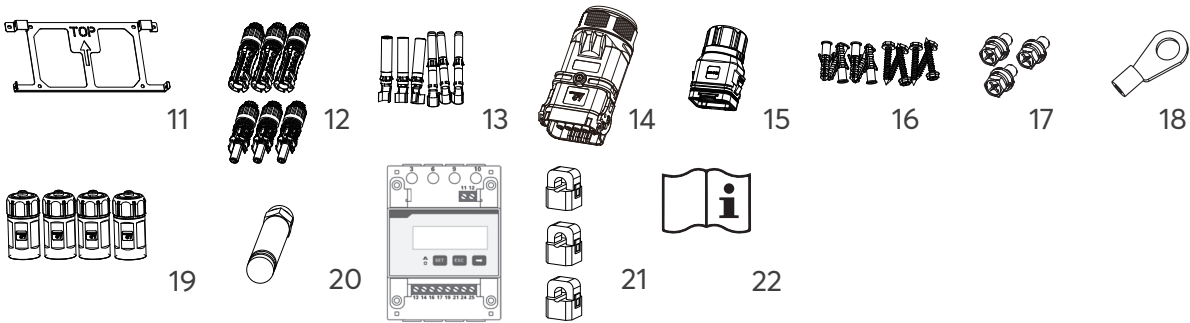


TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

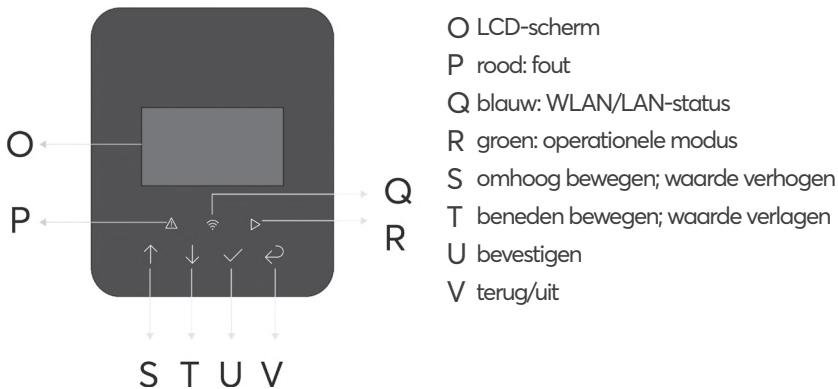
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| A DC SCHAKELAAR | E METER | I COMM. DONGLE |
| B PV 1, PV 2, PV3 | F LAN | J COM |
| C BATTERIJCONNECTOR | G DRM | K BACKUP / GRID |
| D BMS | H ANTENNE | L AARDING |



- | | | |
|---|---|----------------------------|
| 11 Bevestigingsbeugel | 16 Schroeven en pluggen (wandbevestiging) | 19 Ethernet-buitenadapters |
| 12 PV connectors (MC4 Stäubli) | 17 Schroeven (omvormerbevestiging) | 20 Antenne |
| 13 PV pincontacten | 18 Kabelschoen voor aardingskabel | 21 Meter met CT-klemmen |
| 14 AC connector | | 22 Snelstartgids |
| 15 Communicatieconnector (optioneel van toepassing) | | Veiligheidsinstructies |

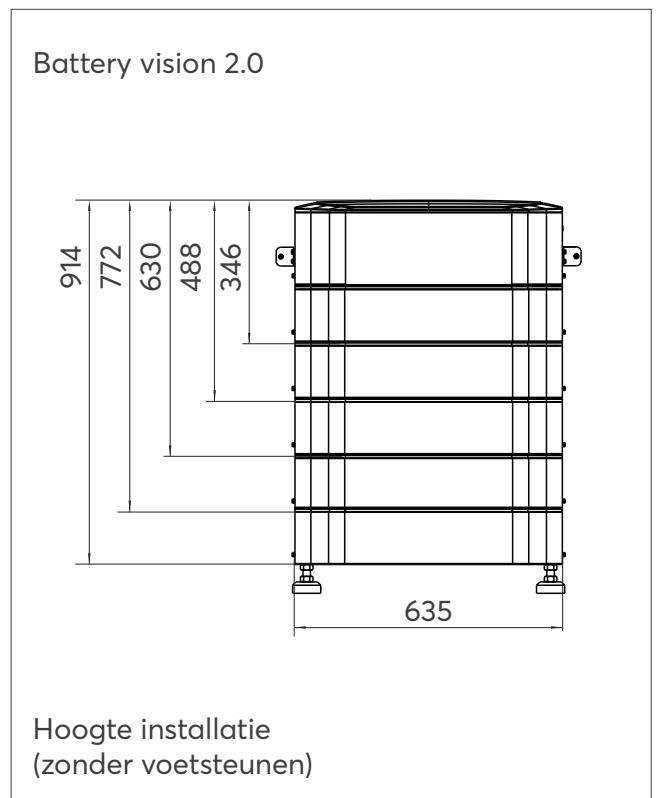
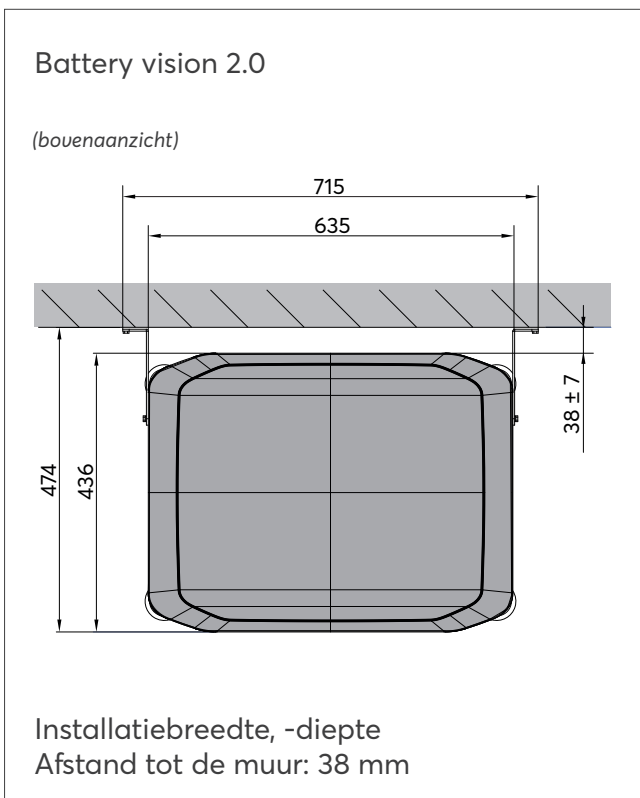
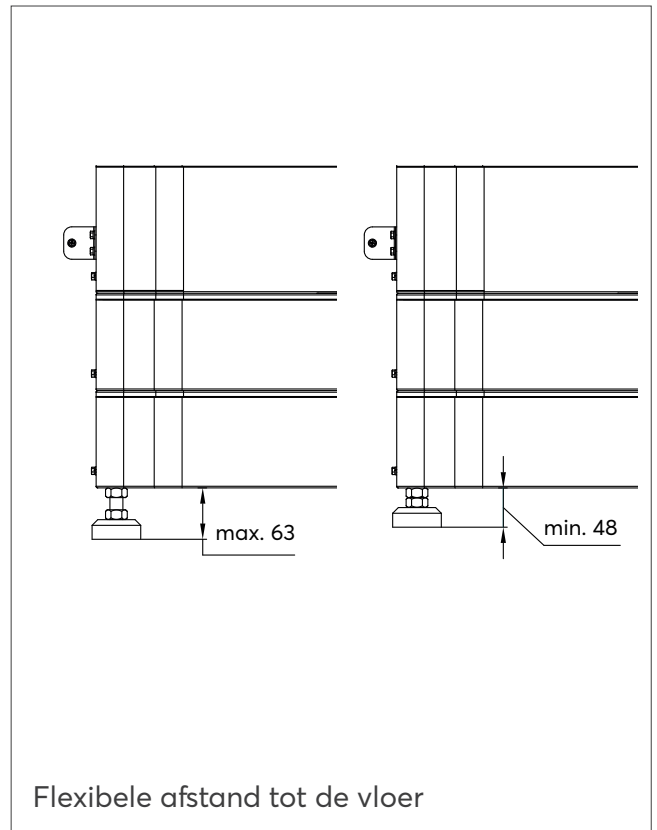
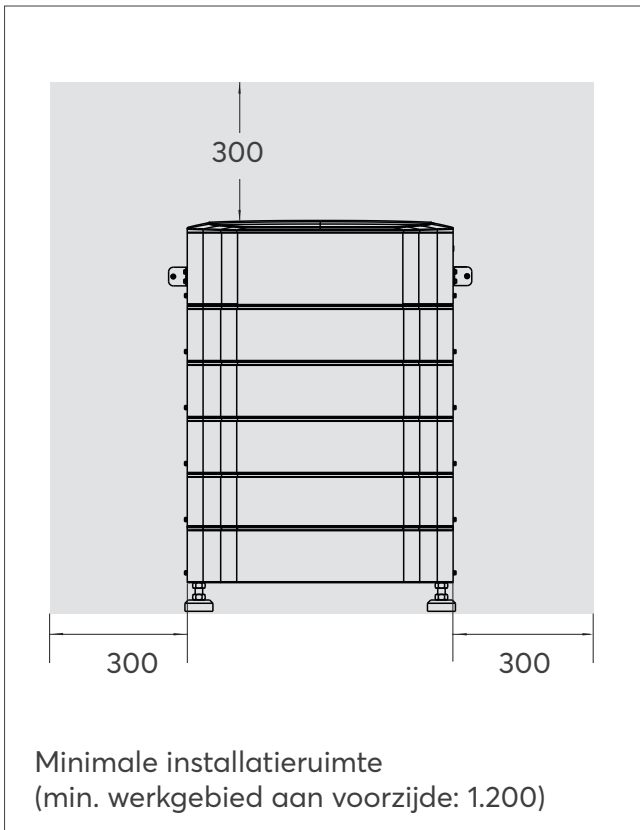


- O LCD-scherm
- P rood: fout
- Q blauw: WLAN/LAN-status
- R groen: operationele modus
- S omhoog bewegen; waarde verhogen
- T beneden bewegen; waarde verlagen
- U bevestigen
- V terug/uit

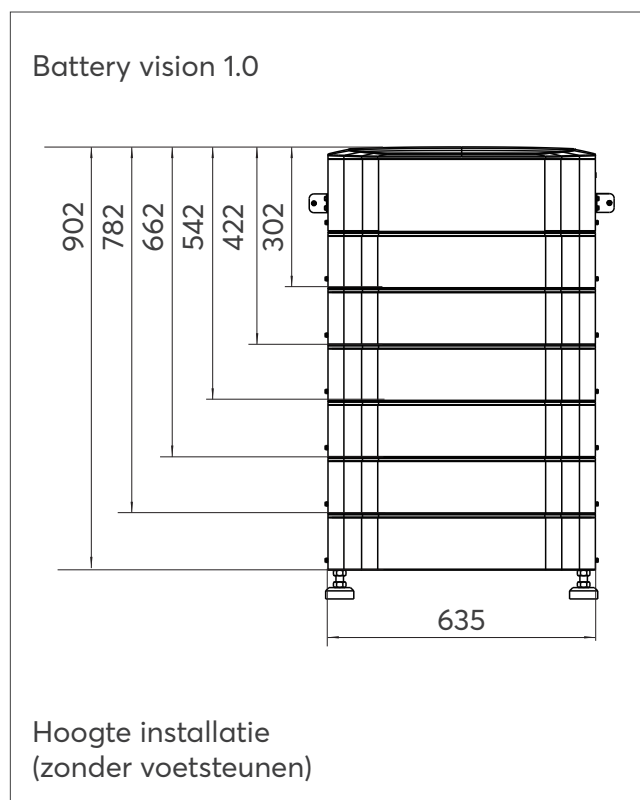
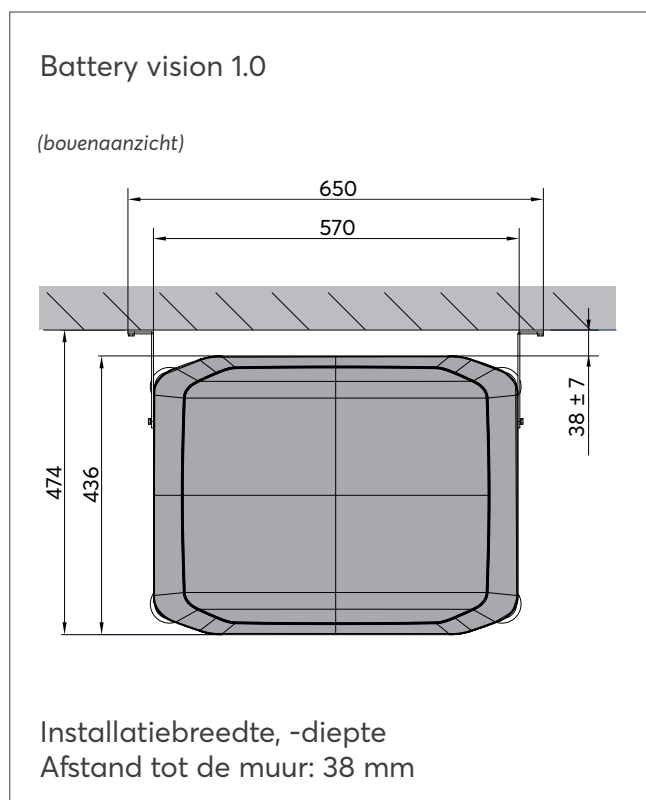
Extra apparatuur vereist:

- communicatiekabel (2-aderige RS485-kabel) Chint-meter
- DC- en AC-kabel voor omvormer
- LAN-kabel voor omvormer (optioneel)
- aardingskabel voor omvormer
- stroomonderbreker

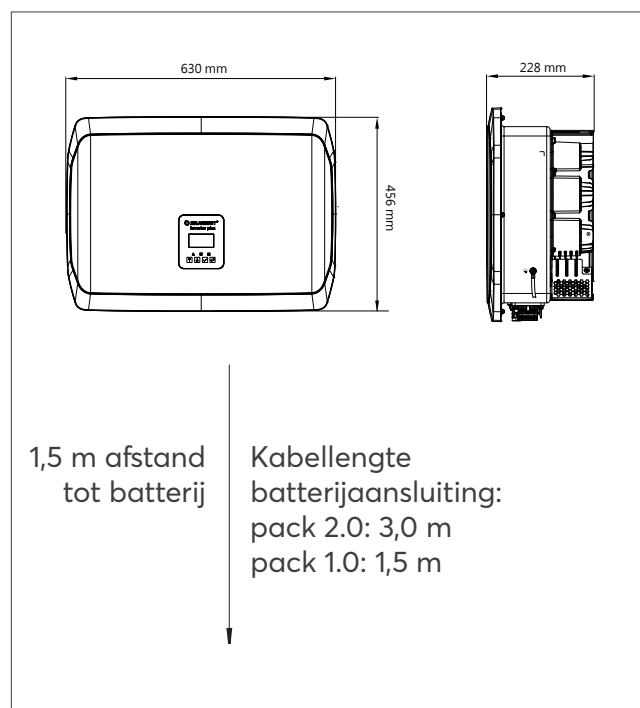
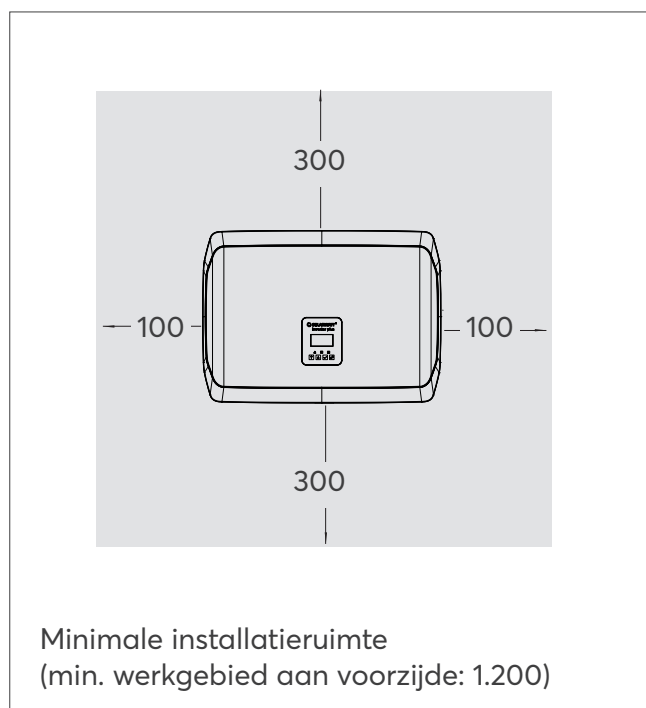
AFMETINGEN BATTERY VISION [MM]



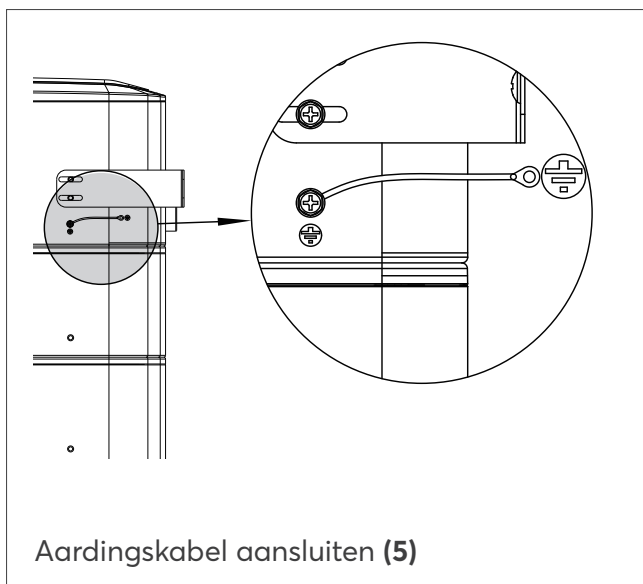
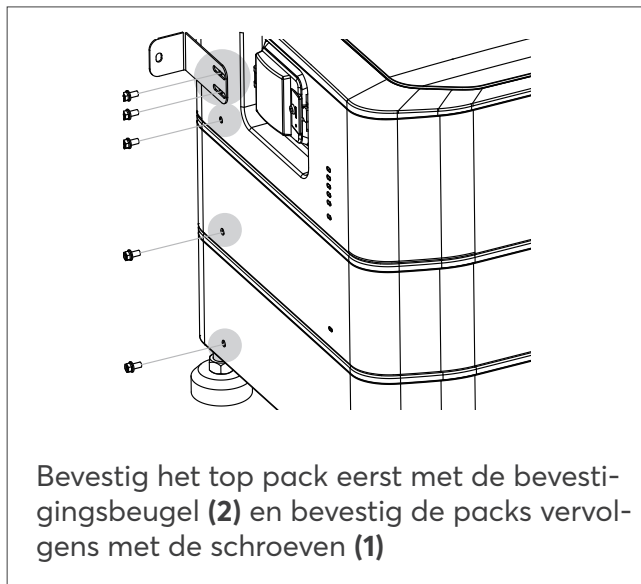
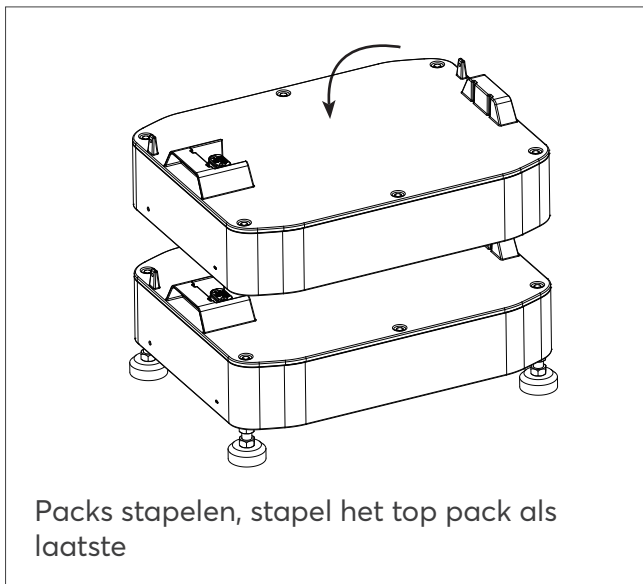
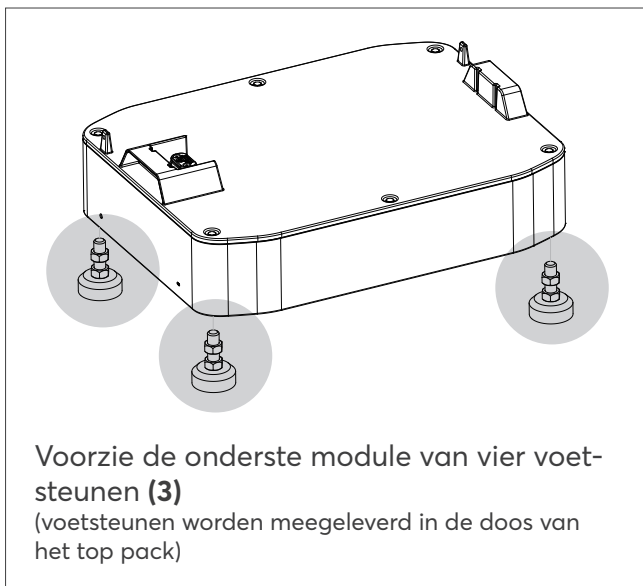
AFMETINGEN BATTERY VISION [MM]



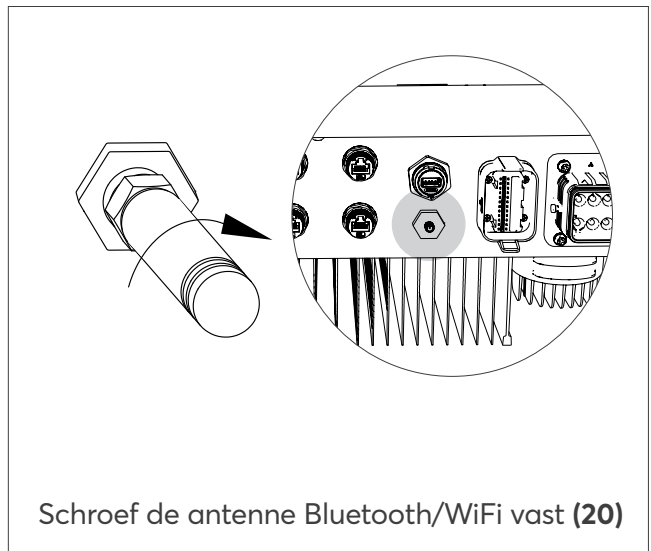
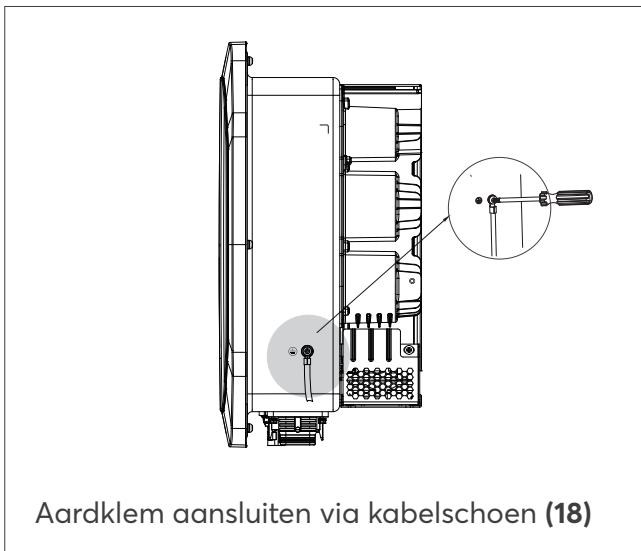
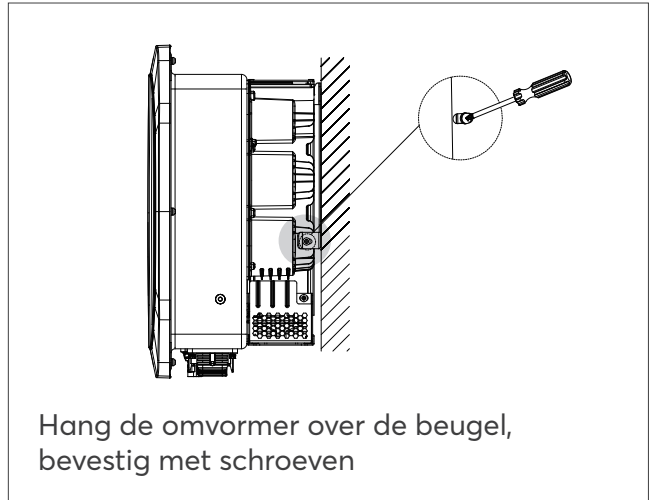
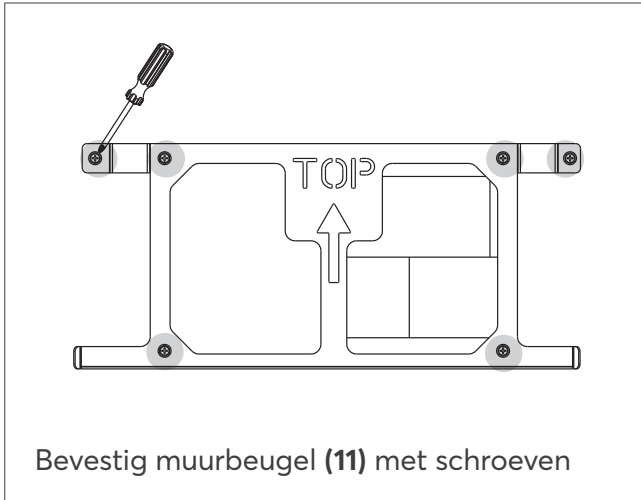
AFMETINGEN INVERTER VISION THREE [MM]



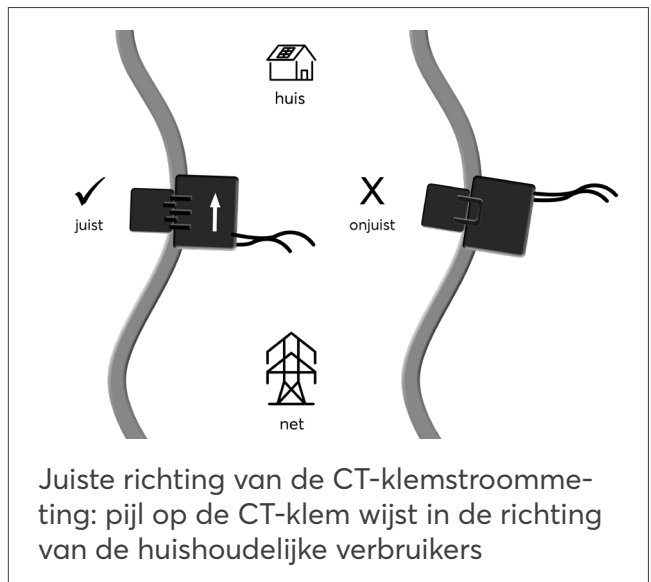
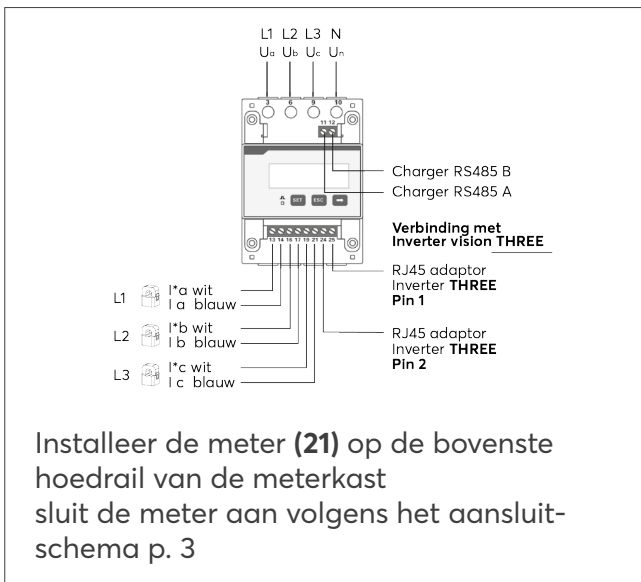
BATTERY PACKS MONTAGE EN BEDRADING



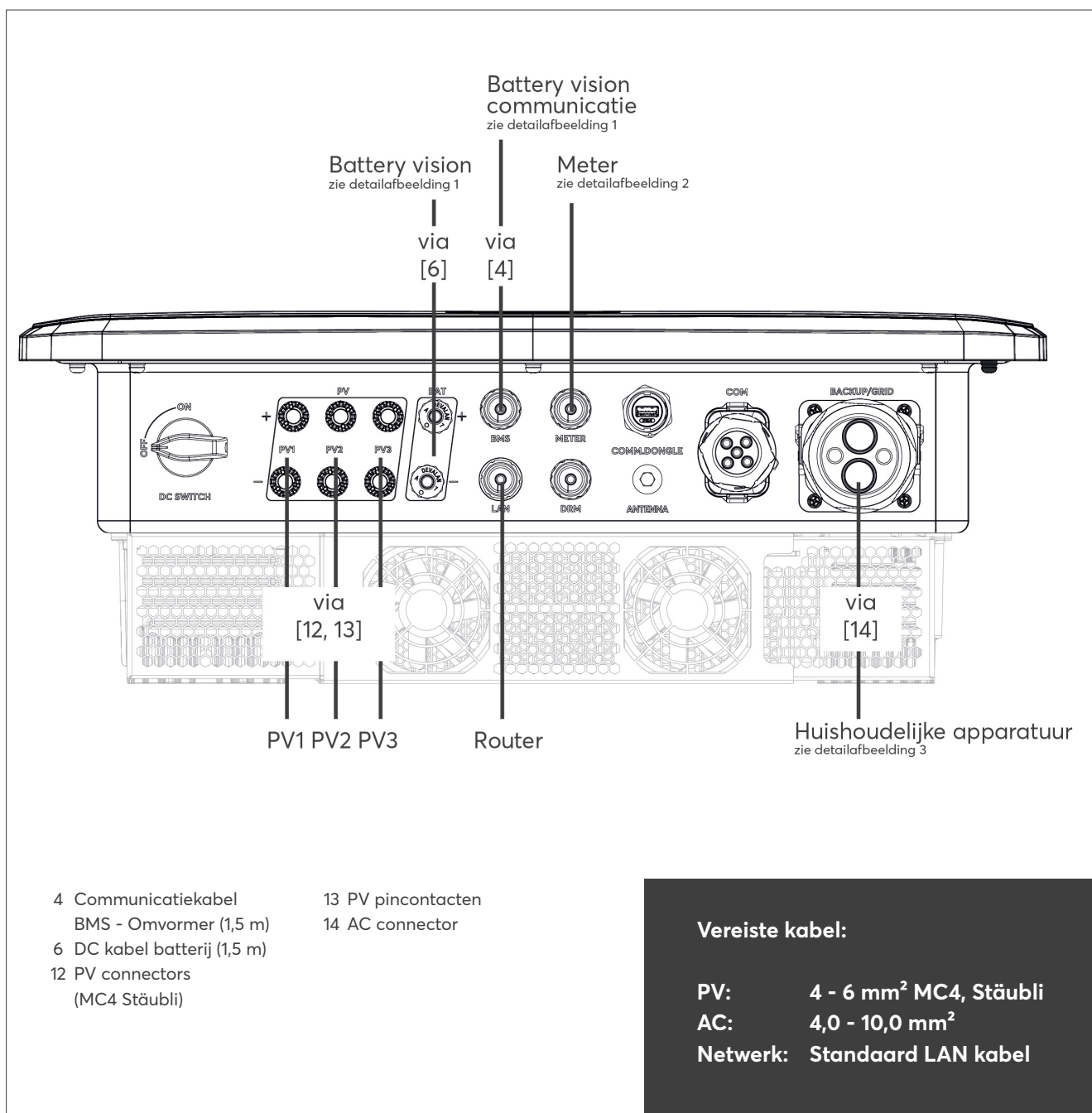
INVERTER MONTEREN EN BEDRADEN



METER MONTEREN EN BEDRADEN

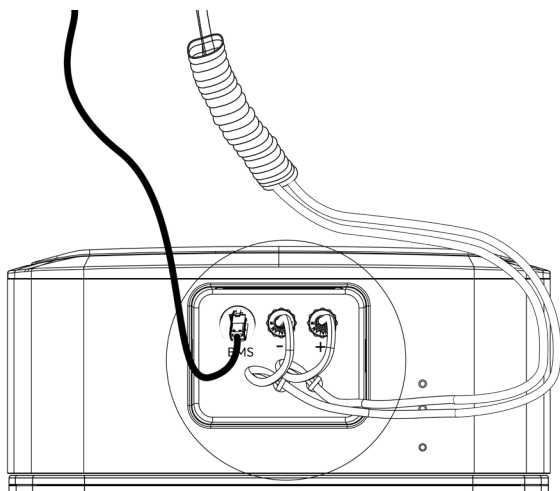


BEDRADING INVERTER



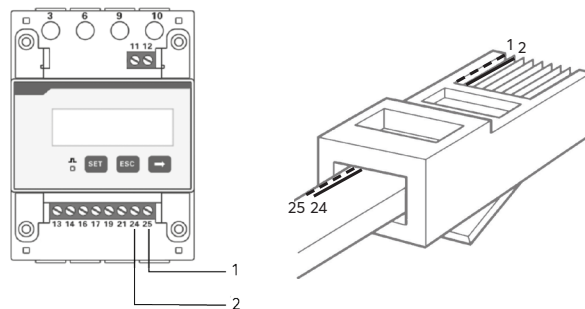
detail 1

Omvormerinterfaces
BMS Battery



Batterij aansluiten (6, 4)

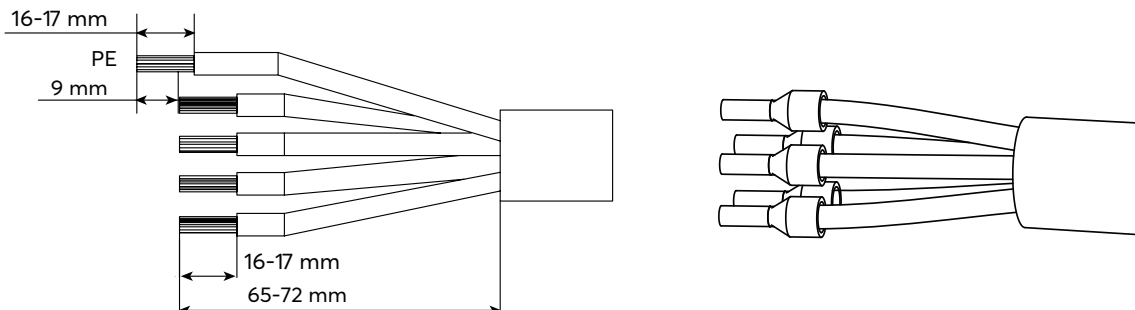
detail 2



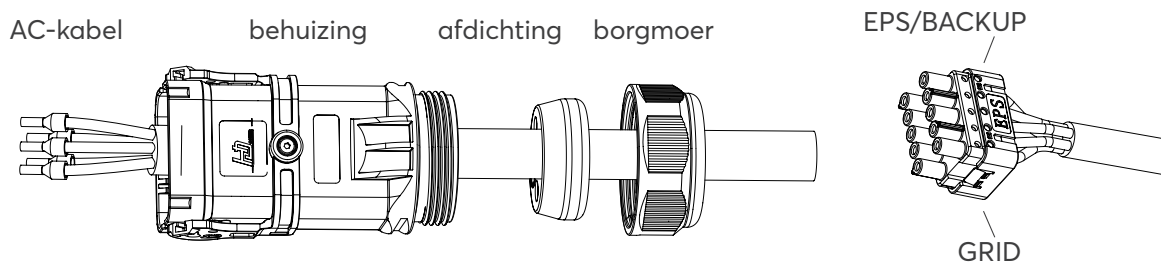
PIN van de meter	24	25
PIN RJ45-stekker voor de omvormer	2	1

Verbind meter

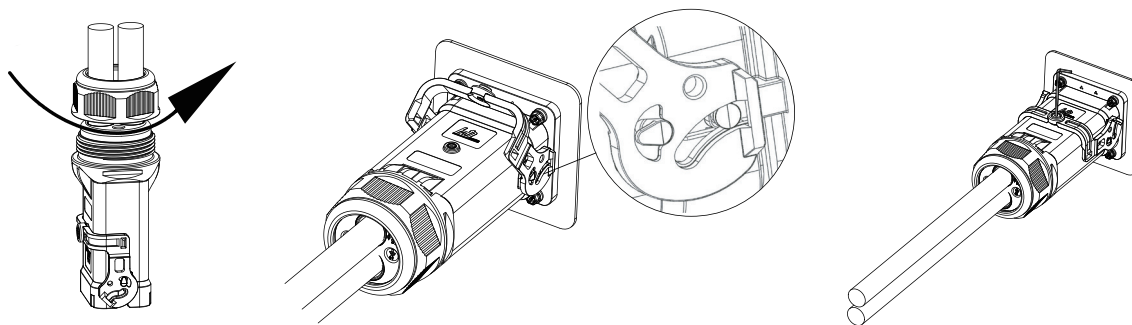
detail 3



Strip de kabel, strip de isolatie en krimp de adereindhulzen op de kabels



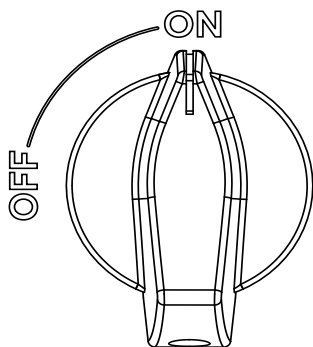
Voer de AC-kabel door de AC-stekkeronderdelen
Sluit de kabeleinden van de netvoedingskabel en de reservekabel aan volgens de draadaanduiding op de stekker



Zet de borgmoer vast, sluit de netkabel aan op de BACKUP/GRID aansluiting, sluit de borgklem

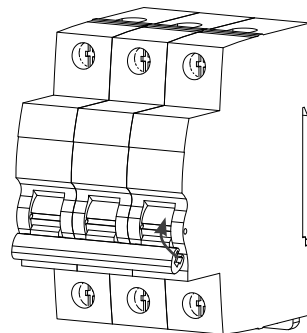
SYSTEEM OPSTARTEN

1



Draai de DC-schakelaar van de omvormer naar ON

2



Inschakelen:

- AC installatieautomaat Net
- AC installatieautomaat Backup (indien lokaal vereist)

3

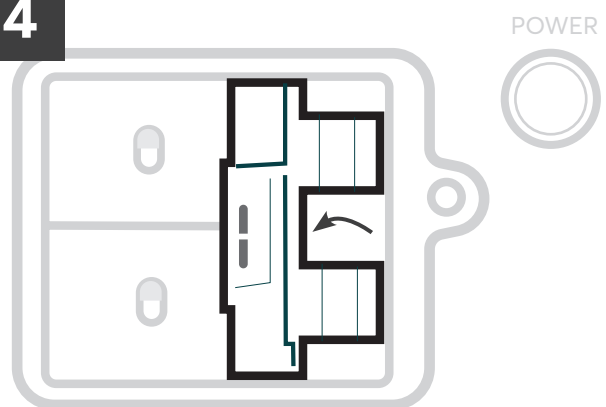


- gridcode instellen voor netveiligheid
- tijd instellen

Druk 3 sec. op de bevestigingsknop van de omvormer .

- selecteer START

4



Zet de DC-schakelaar van de accu (top pack) op ON

5



Top pack 2.0:
Druk 3 sec. op de knop (totdat de status-LED brandt)

Top pack 1.0:
Druk op de schakelaar

Druk op de POWER-knop van de accu (top pack)

Voor de eerste installatie van de omvormer heeft u geen wachtwoord nodig. Voor volgende instellingen is het wachtwoord 0000.

Wijzig het wachtwoord aan het einde van de inbedrijfstelling om de configuratie van de omvormer te beveiligen.

SOLARWATT PRO APP BINDING



Download SOLARWATT Pro app en log in met je SOLARWATT Pro account

SOLARWATT Pro app inbedrijfstellingsfuncties:

Inverter vision

- Verbind het apparaat via WiFi
- CEI 0-21 zelftest (Italië)
- Cos φ instellen

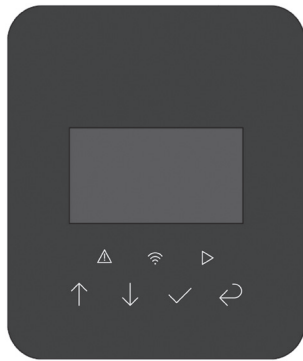
Charger vision

- Maak het apparaat verbindbaar via WiFi
- RFID-autorisatie
- Maximale laadstroom instellen (A)
- Laadbeheer instellen (in voorbereiding)

Detecteer en verbind de omvormer via de SOLARWATT Pro app om deze functies te gebruiken

SYSTEEM UITSCHAKELEN

1



Druk 3 sec. op de bevestigingsknop van omvormer .

- STOP selecteren

2



POWER

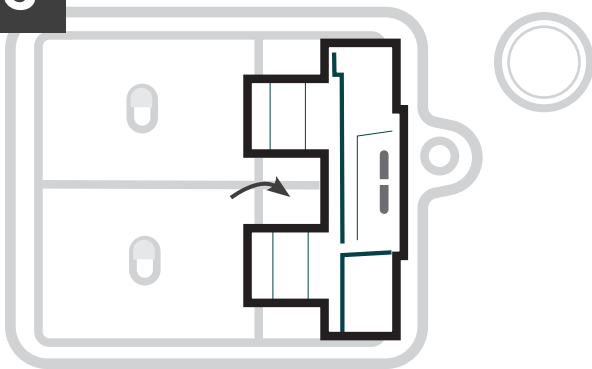


Top pack 2.0:
Druk 5 sec. op de knop
(totdat de status-LED uitgaat)

Top pack 1.0:
Druk op de schakelaar

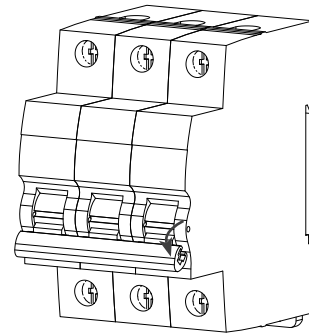
Druk op de POWER-knop van de accu (top pack)

3



Zet batterij DC schakelaar (top pack) op OFF

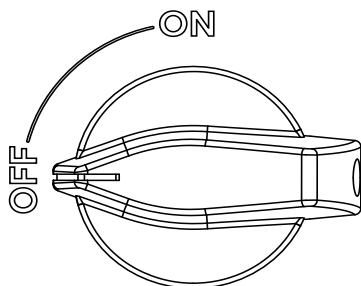
4



Uitschakelen

- AC installatieautomaat Net
- AC installatieautomaat Backup (indien lokaal vereist)

5



Draai de DC-schakelaar van de omvormer naar OFF

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

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

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

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**Hebt u vragen?
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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

