

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:



WICHTIG: 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

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.



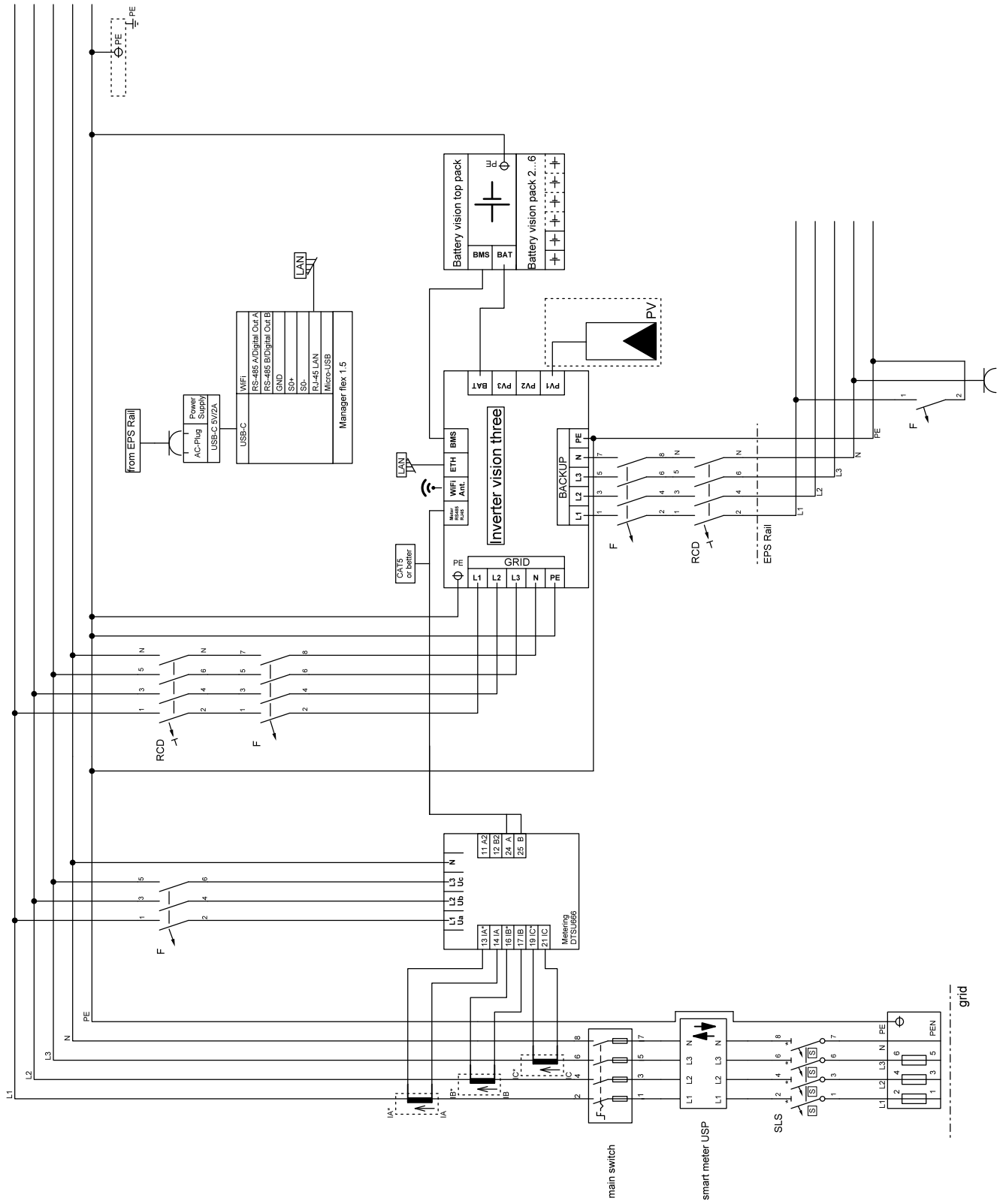
Scan de QR-code hieronder voor gedetailleerde installatie en gebruiksinstructies.



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



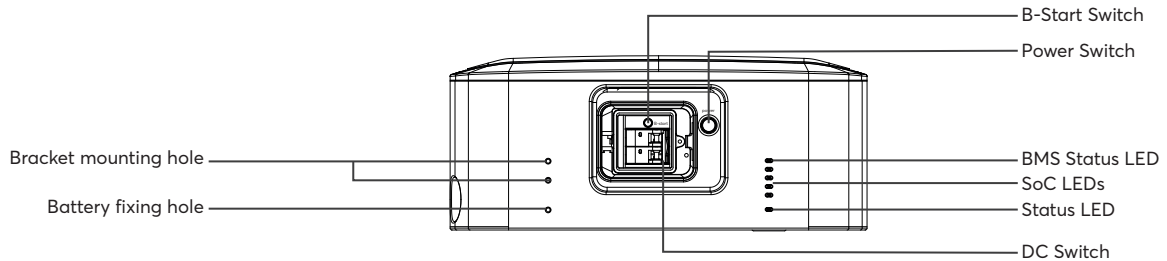
SYSTEM DESIGN



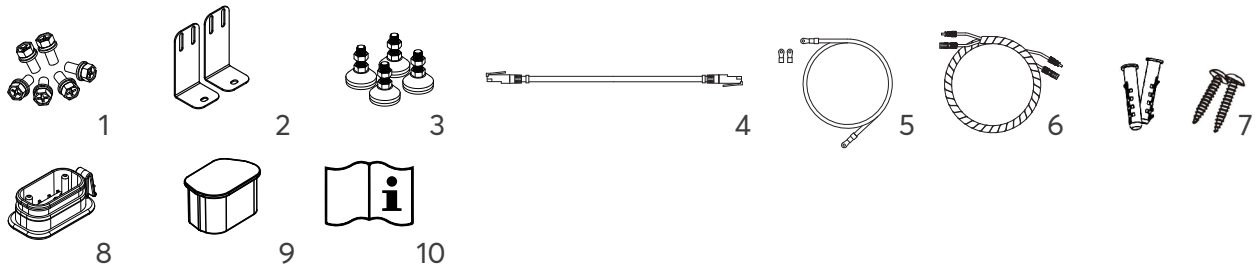
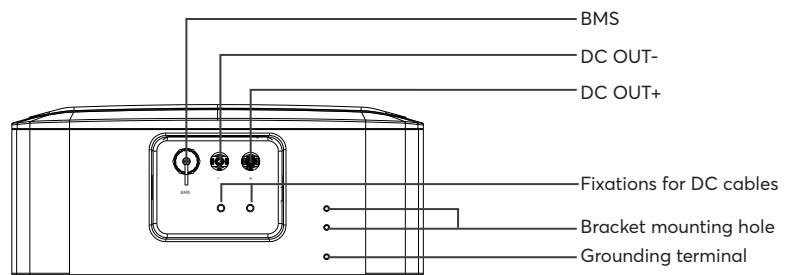
DEVICE DESIGNS AND PACKING LISTS

Battery vision top pack 1.0 (2.6 kWh)

View from the left side

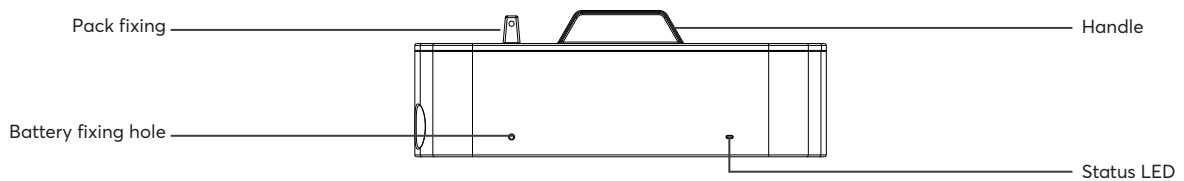


View from the right side



- | | | |
|---|--|------------------------------|
| 1 Screws (M5), 2 for pack fixing and 4 for bracket-fixing | 5 Grounding cable with 2 additional cable lugs | 9 Connector protection cover |
| 2 Fixing bracket | 6 DC cable battery (1,5 m) | 10 Safety Instructions |
| 3 Footstand | 7 2 Screws for wall-fixing | |
| 4 Communication cable BMS - Inverter (1,5 m) | 8 Bridging plug | |

Battery vision pack 1.0 (2.6 kWh)



23

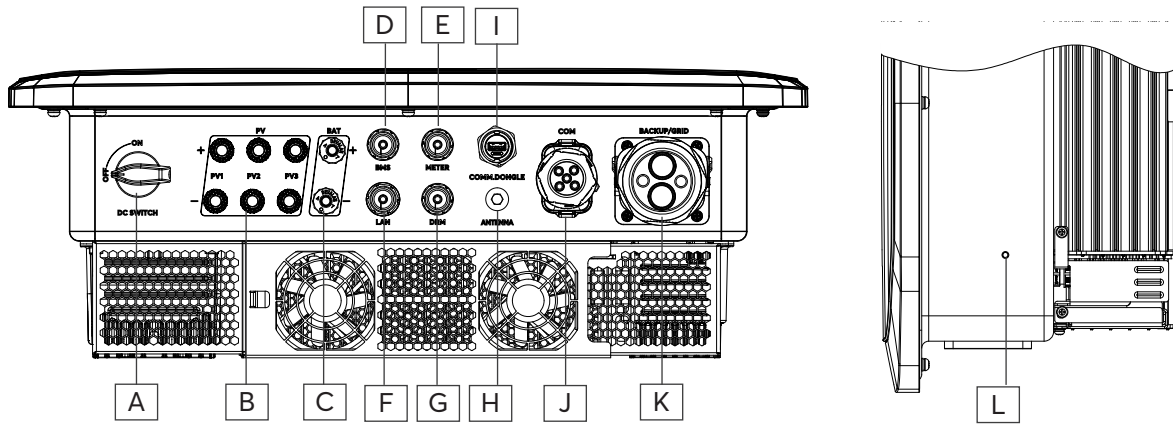


24

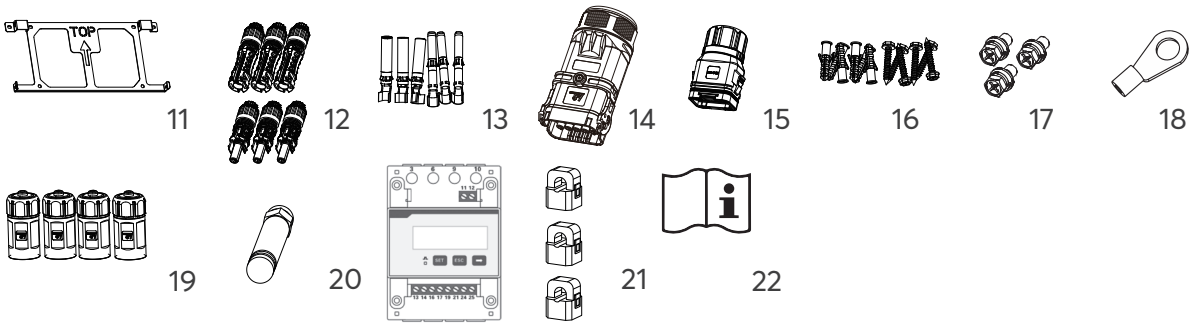
- 23 Screws (M5) for pack-fixing
24 Safety Instructions

DEVICE DESIGNS AND PACKING LISTS

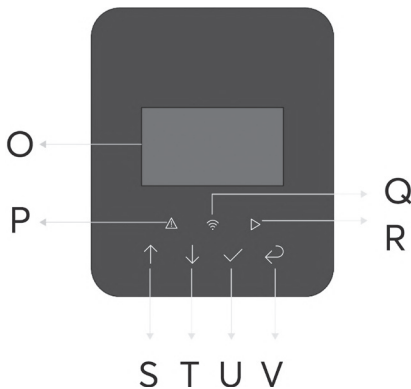
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| 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
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 | |

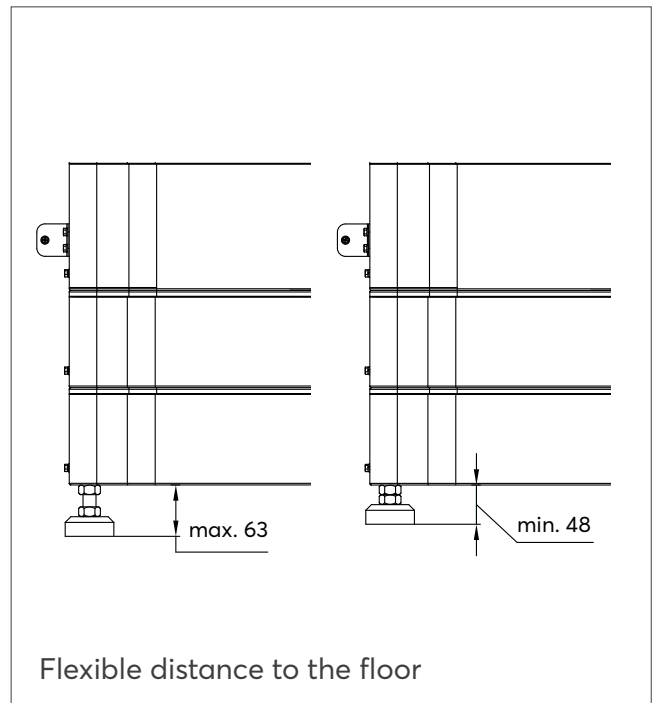
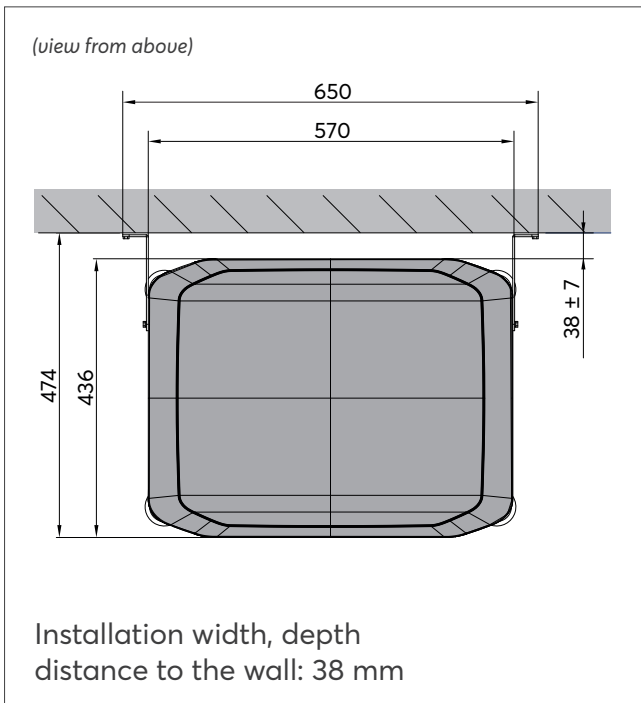
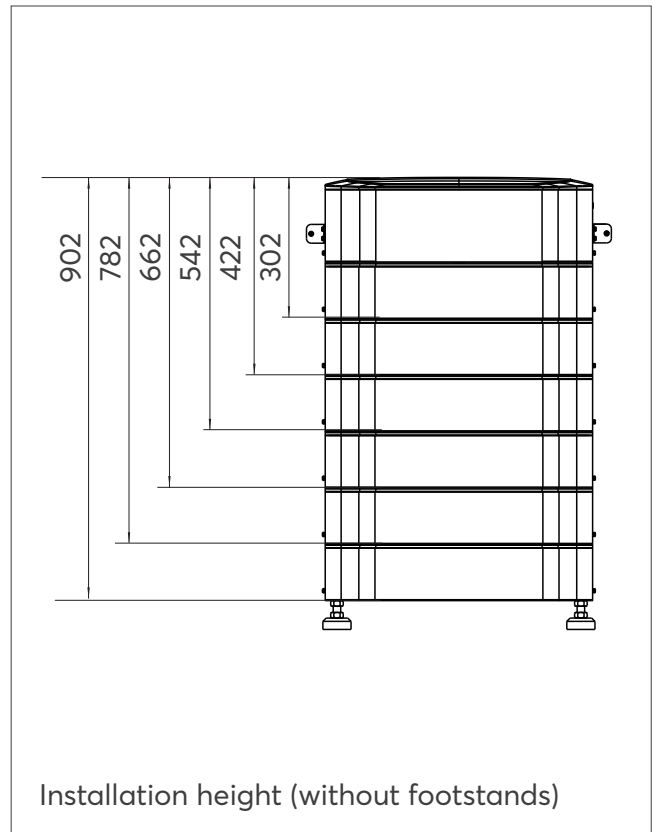
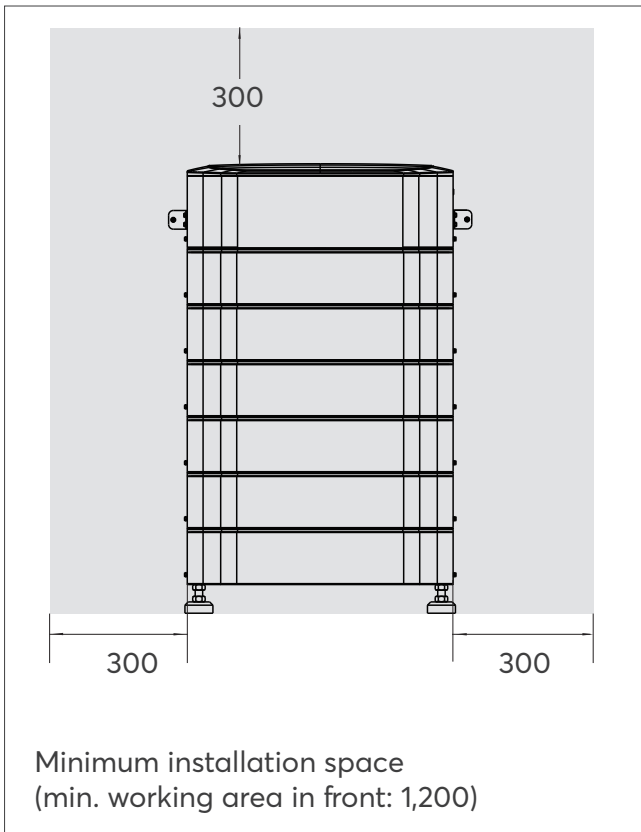


- O LC display
- P red: fault
- Q blue: WiFi/LAN status
- R green: operational state
- S move up; increase value
- T move down; decrease value
- U confirm
- V return/exit

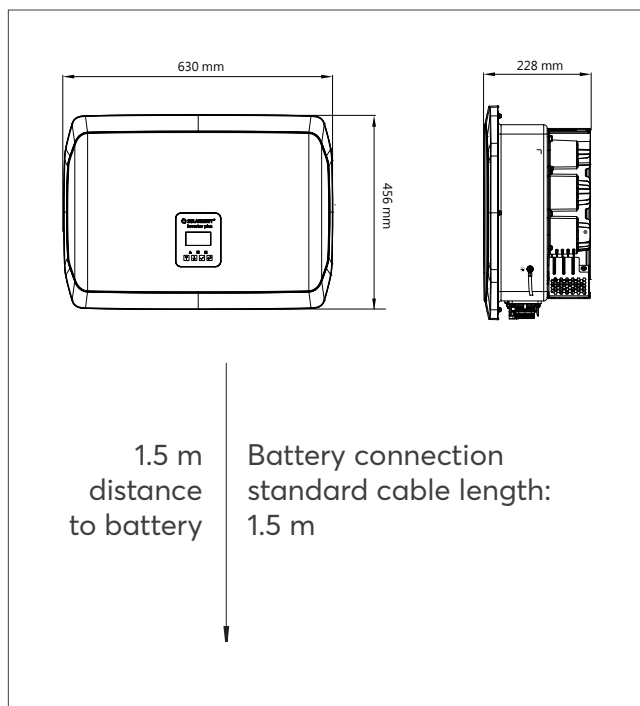
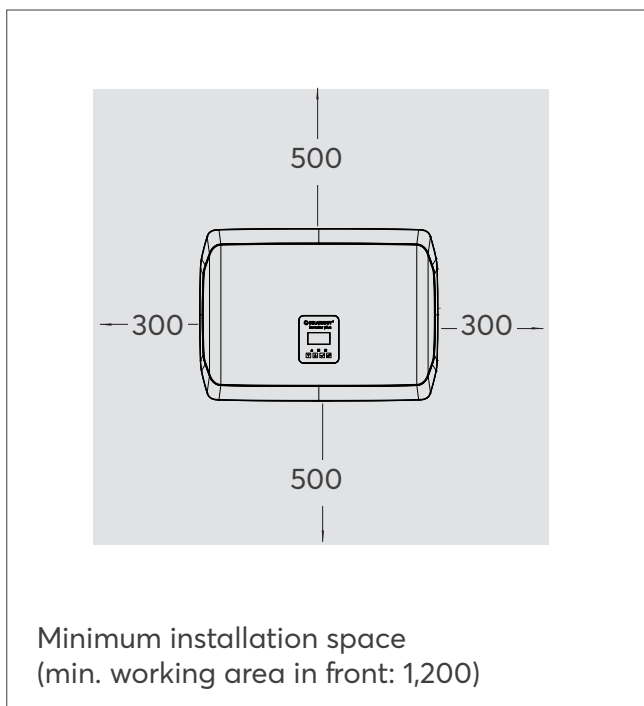
Additional equipment required:

- 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

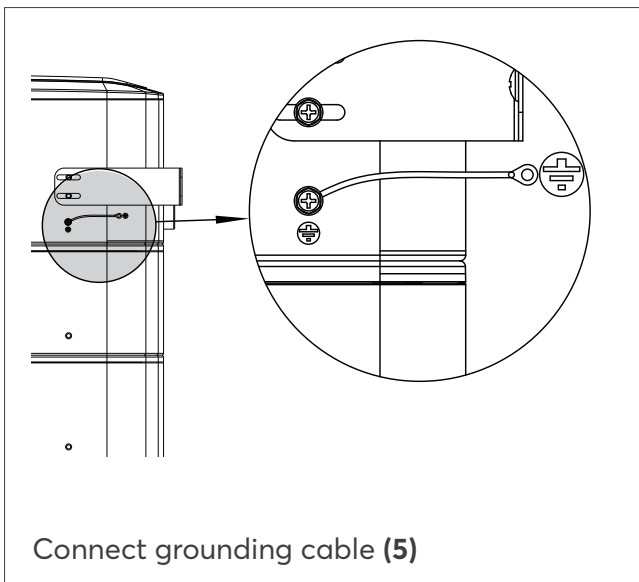
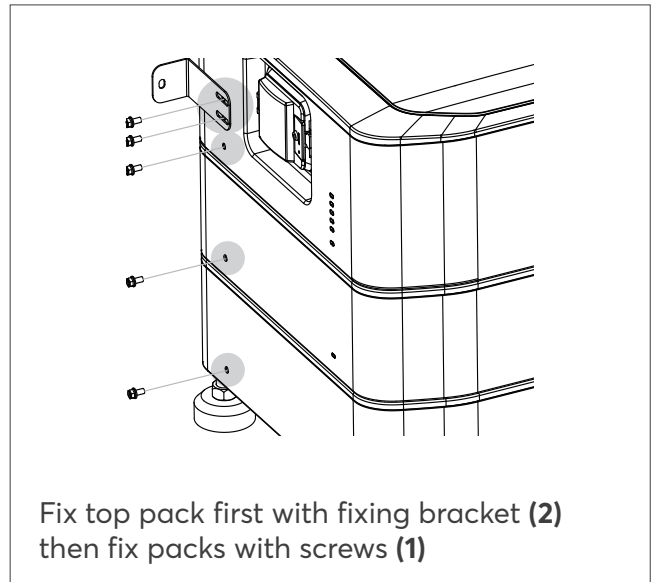
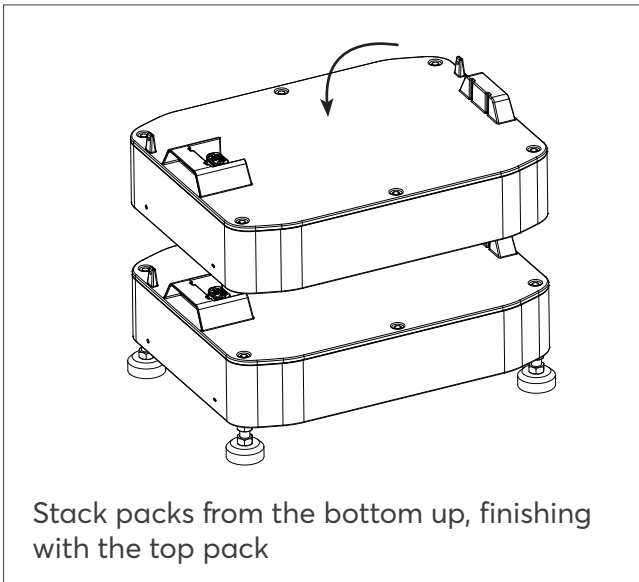
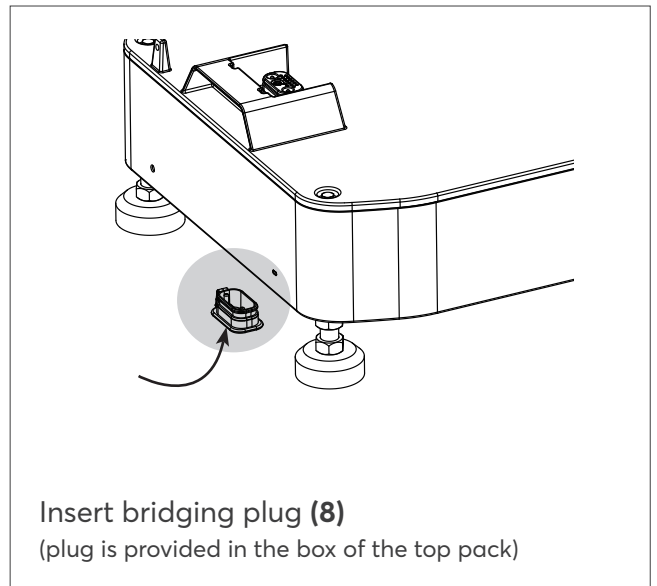
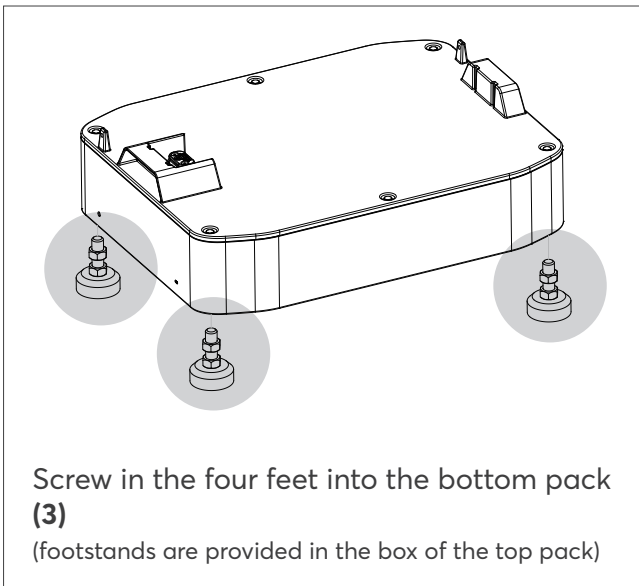
DIMENSIONS BATTERY VISION [MM]



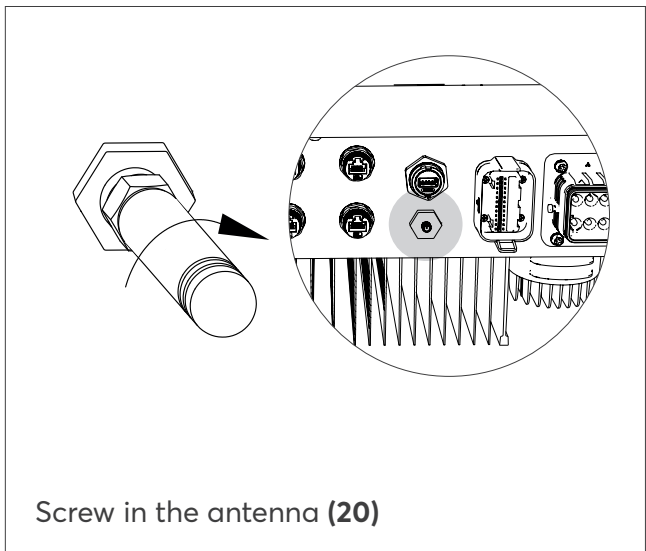
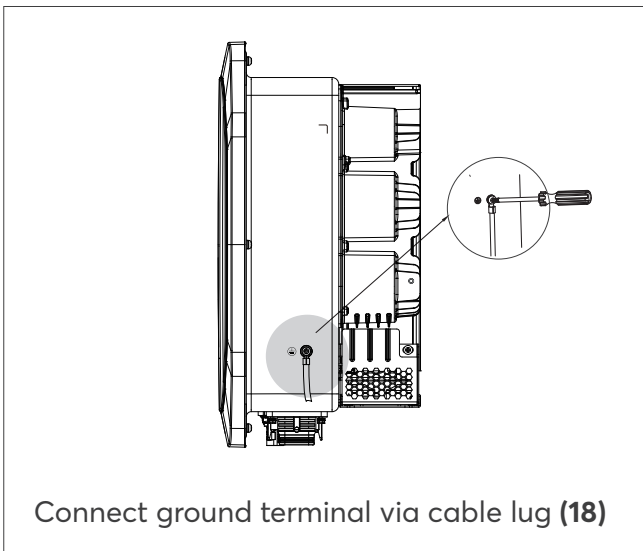
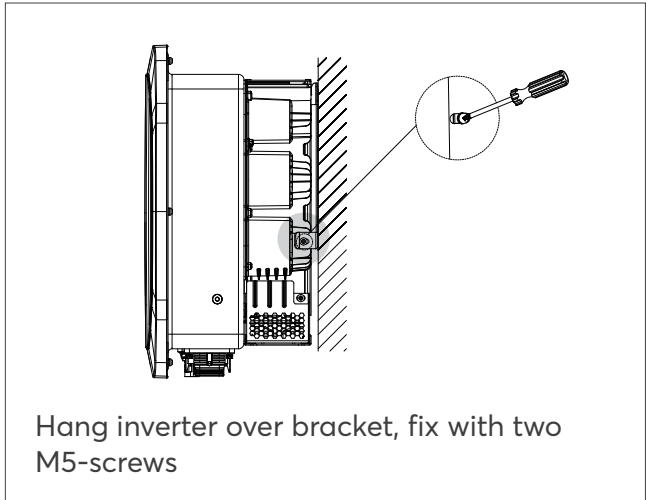
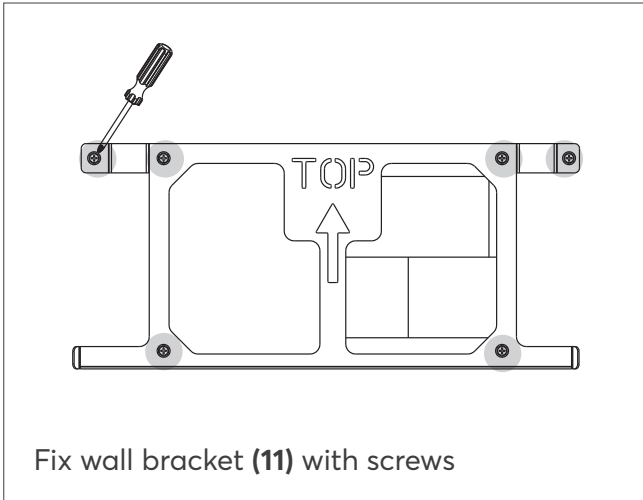
DIMENSIONS INVERTER VISION THREE [MM]



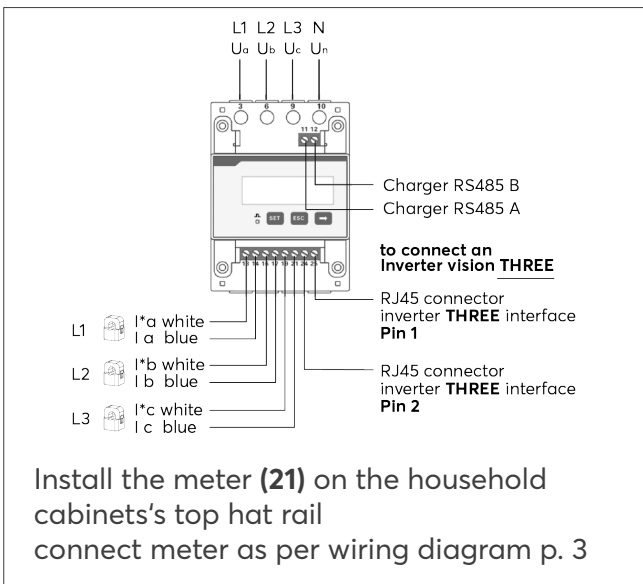
BATTERY PACKS ASSEMBLY AND WIRING



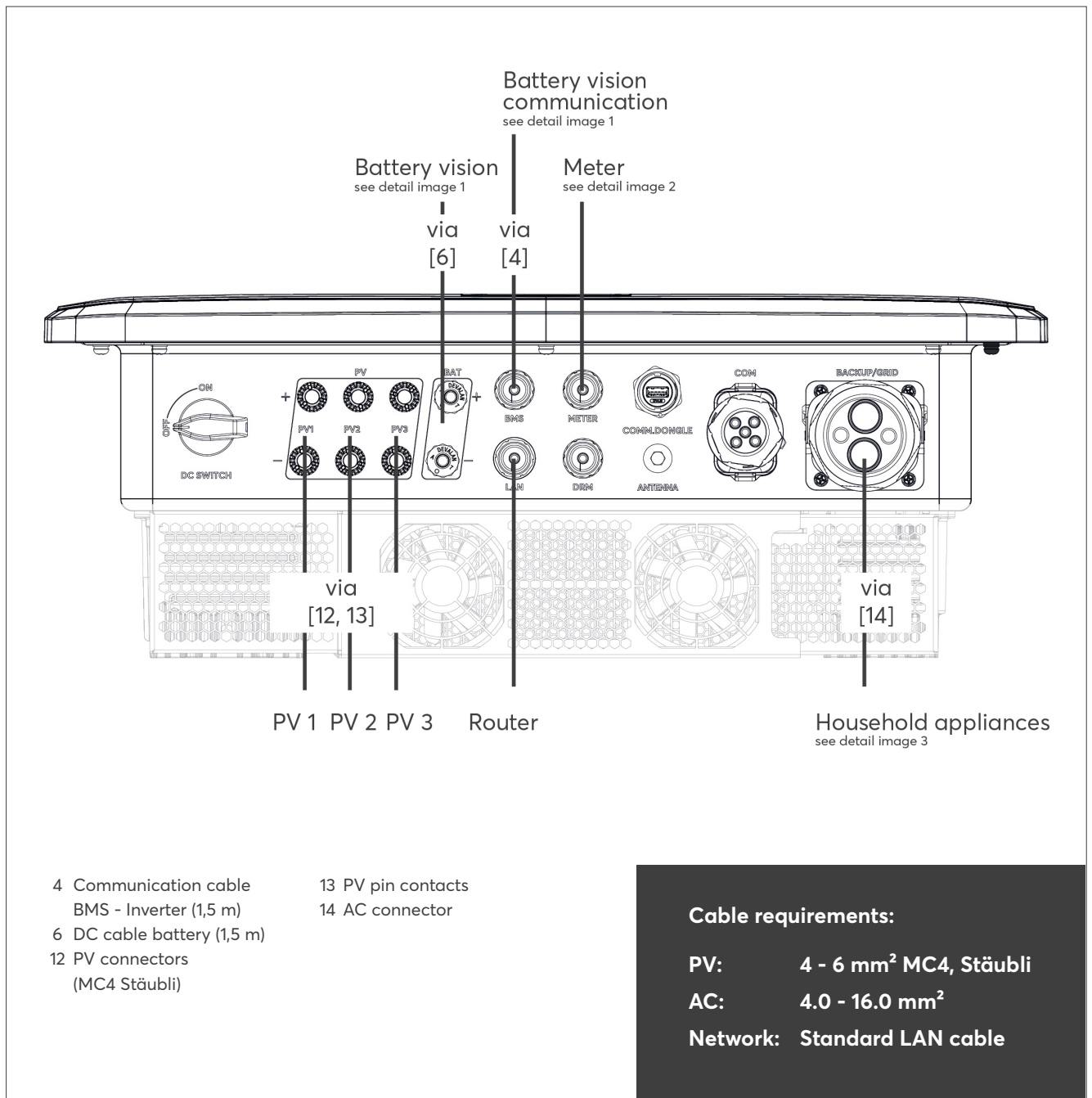
INVERTER ASSEMBLY AND WIRING



METER INSTALLATION AND WIRING



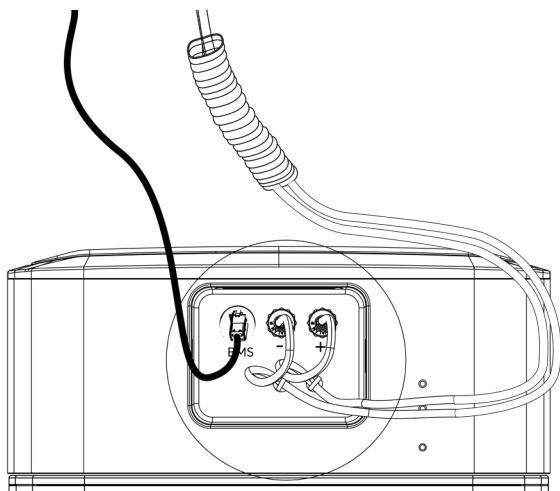
INVERTER WIRING



INVERTER ASSEMBLY AND WIRING

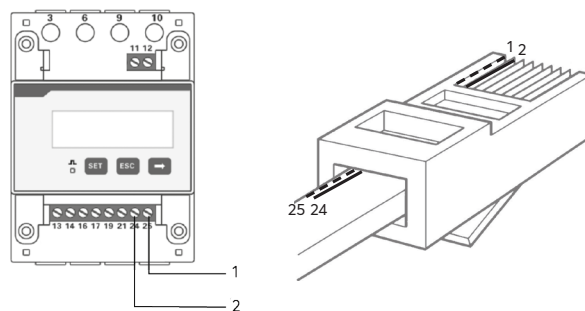
detail 1

Inverter interfaces
BMS Battery



Connect Battery (6, 4)

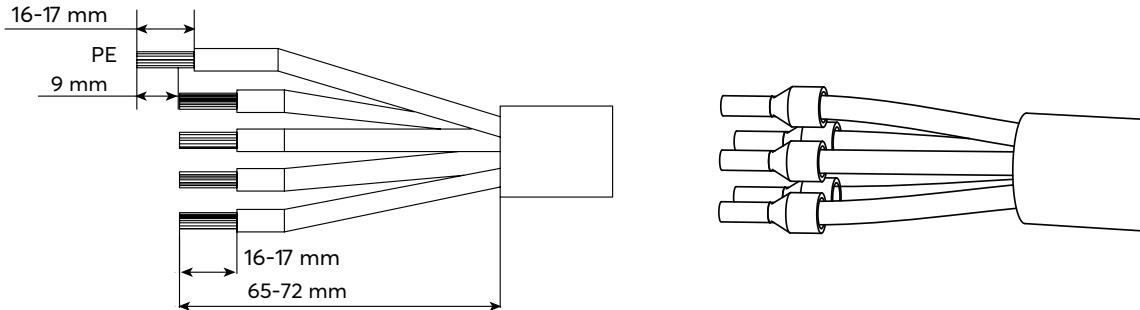
detail 2



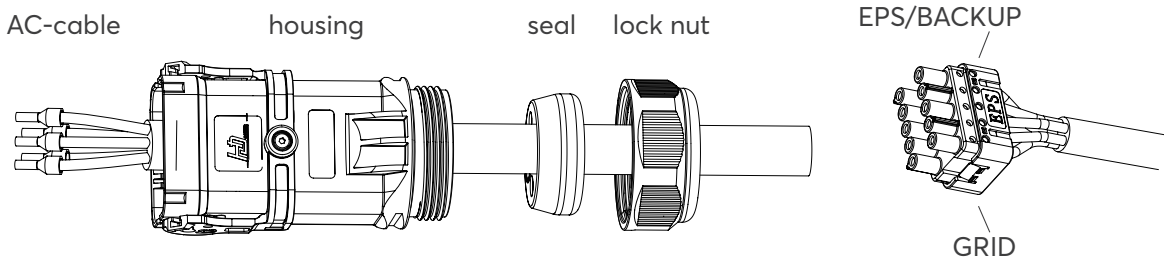
PIN meter	24	25
PIN RJ45 plug for the inverter	2	1

Connect meter

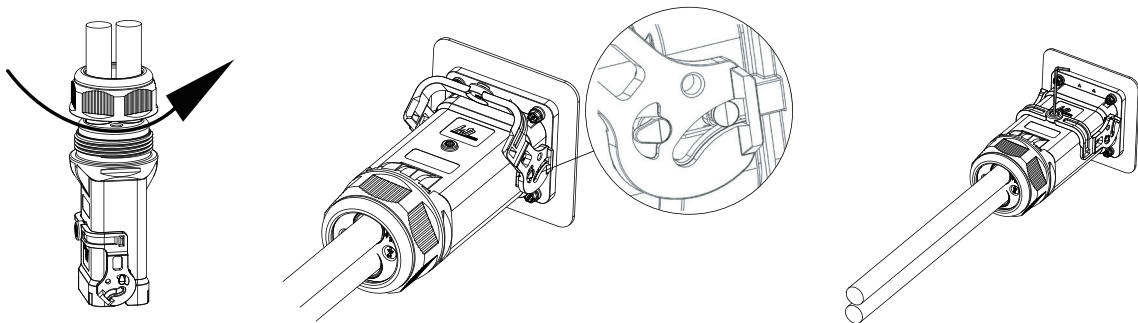
detail 3



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



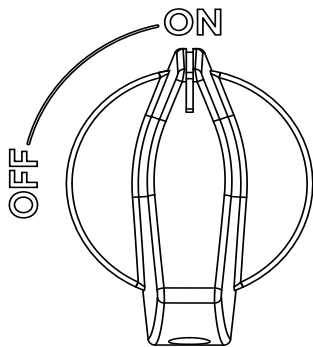
Feed AC cable through AC plug components. Connect the cable ends of the grid connection cable and the backup cable according to the conductor designation on the plug.



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

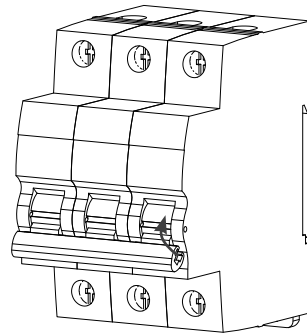
SYSTEM START UP

1



Turn inverter DC switch ON

2




Turn on

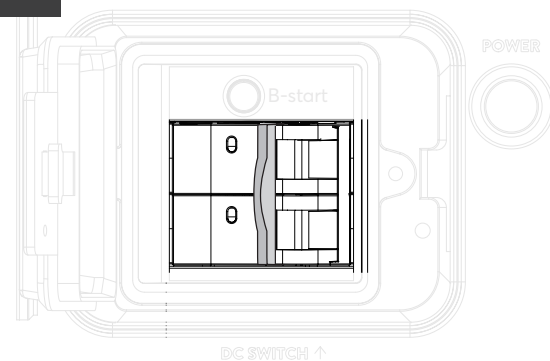
- AC breaker Grid
- AC breaker Backup (if locally required)

3



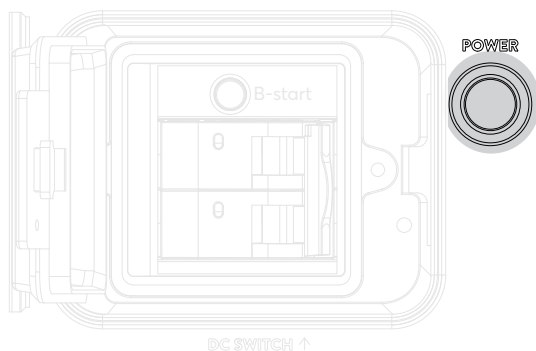
- set grid code for grid safety
 - set the current date & time
- Press inverter confirm button  for 3 sec.
- select START

4



Turn battery DC switch (top pack) ON

5



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.

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

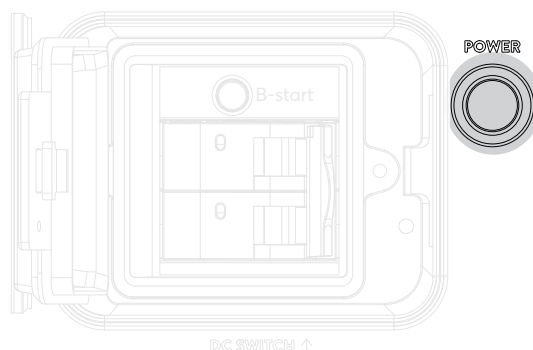
TURNING THE SYSTEM OFF

1



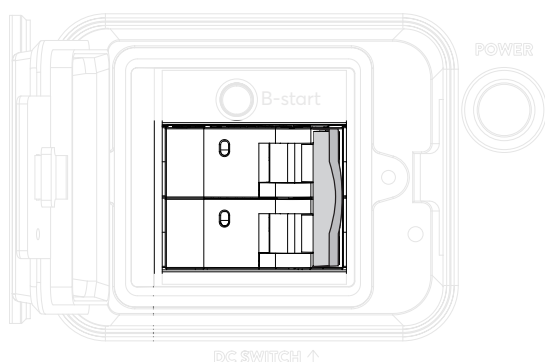
Press inverter confirm button  for 3 sec.
• select STOP

2



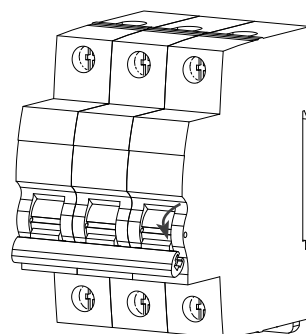
Press battery POWER button (top pack)

3



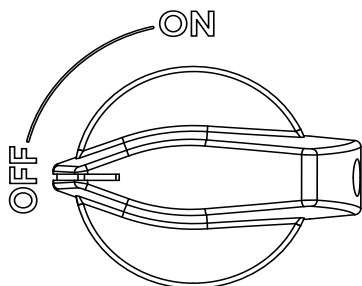
Turn battery DC switch (top pack) OFF

4



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

5

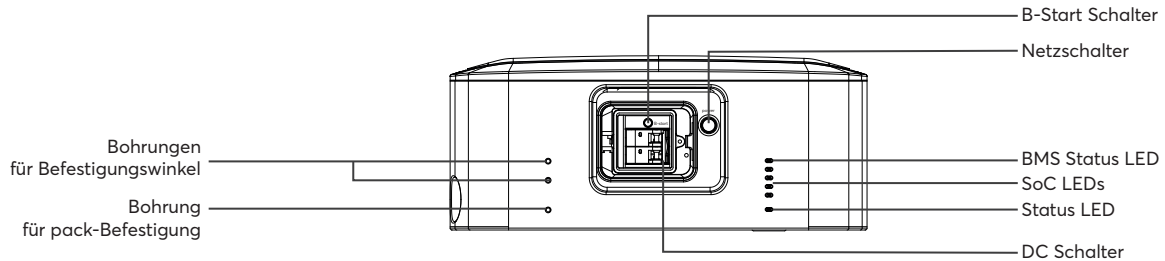


Turn inverter DC switch OFF

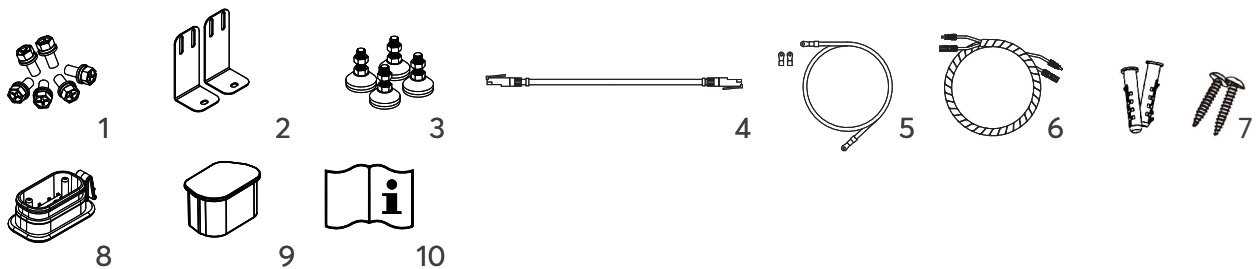
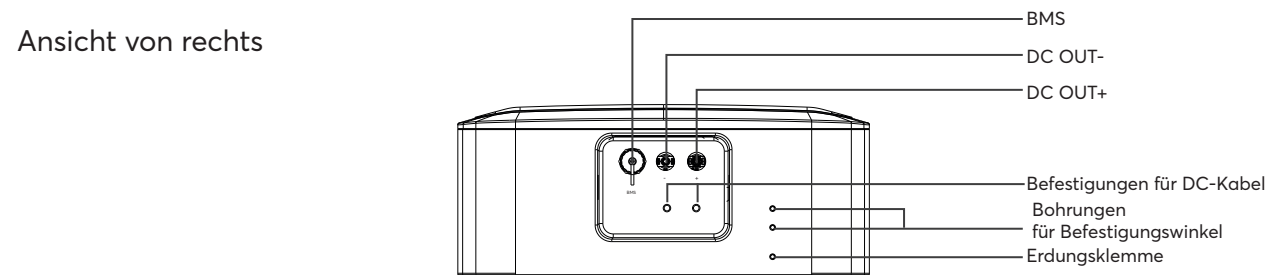
AUFBAU UND LIEFERUMFANG

Battery vision top pack 1.0 (2.6 kWh)

Ansicht von links

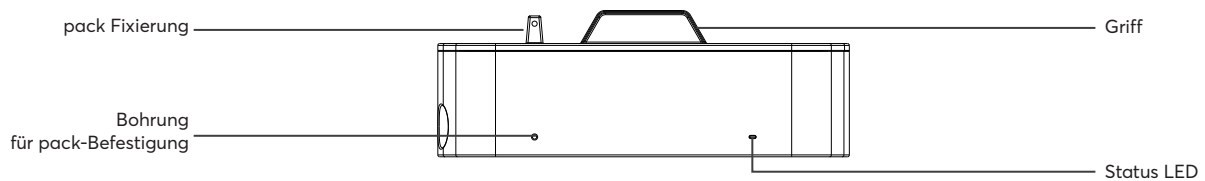


Ansicht von rechts



- | | | |
|---|--|----------------------------------|
| 1 Schrauben (M5), 2 für pack-Fixierung, 2 für Wandhalterbefestigung | 5 Erdungskabel mit 2 zusätzlichen Kabelschuhen | 9 Schutzabdeckung für Anschlüsse |
| 2 Befestigungswinkel | 6 DC-Kabel Batterie (1,5 m) | 10 Sicherheitshinweise |
| 3 Standfüße | 7 2 Schrauben für Wandbefestigung | |
| 4 Kommunikationskabel BMS - Wechselrichter (1,5 m) | 8 Brückenstecker | |

Battery vision pack 1.0 (2.6 kWh)



23

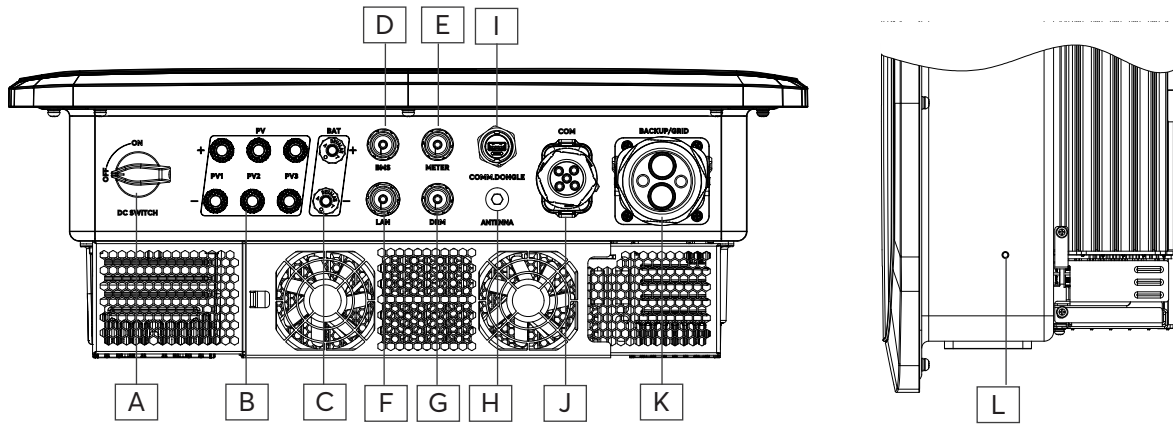


24

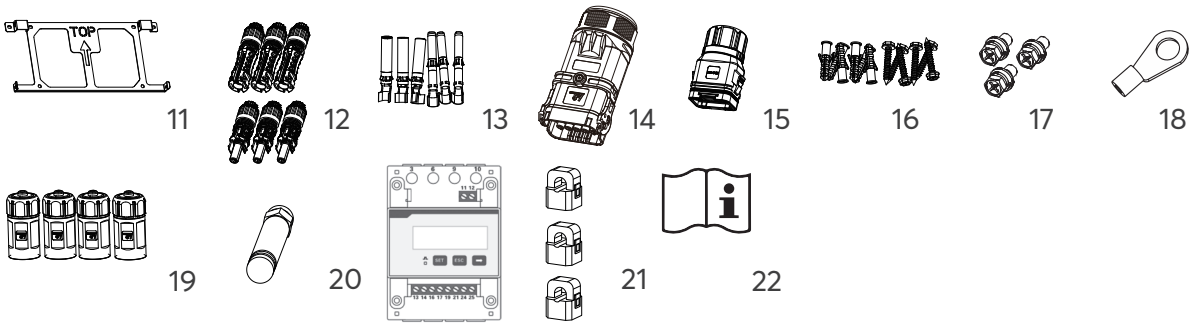
- 23 Schrauben (M5) für pack Befestigung
24 Sicherheitshinweise

AUFBAU UND LIEFERUMFANG

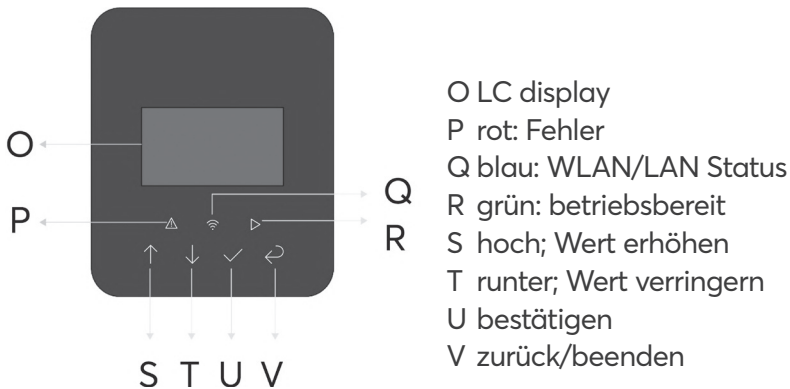
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| 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 Wechselrichterbefestigung | 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) | | |

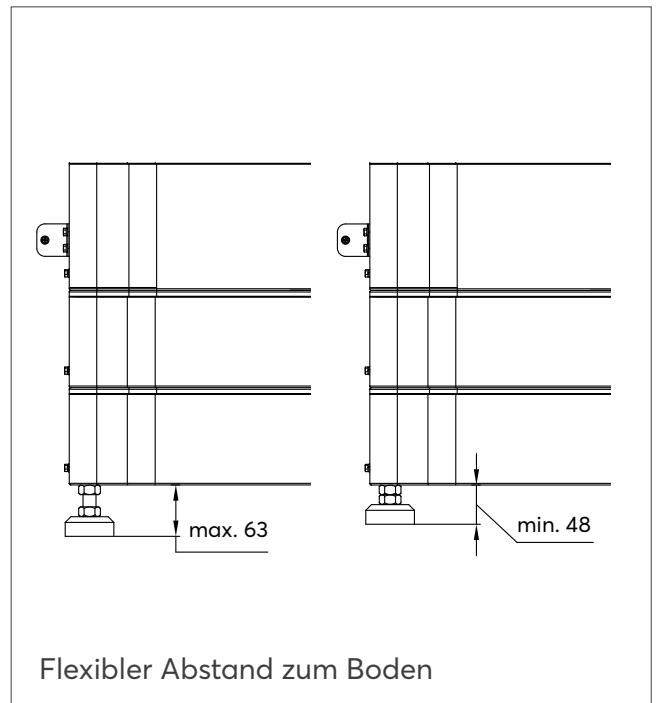
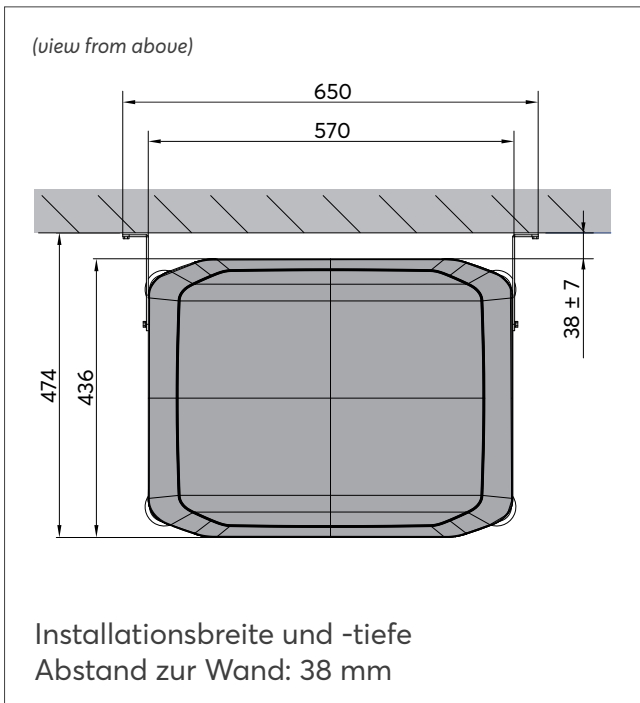
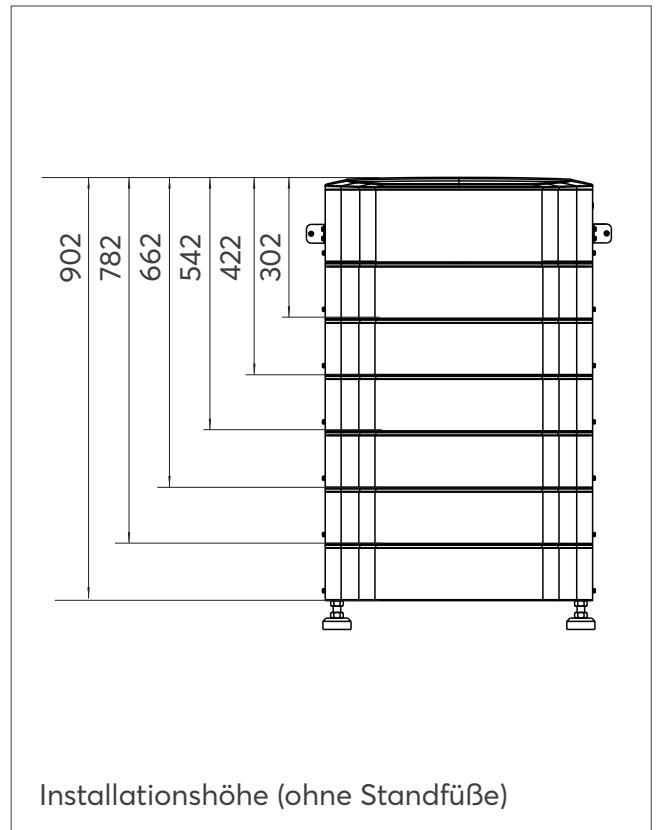
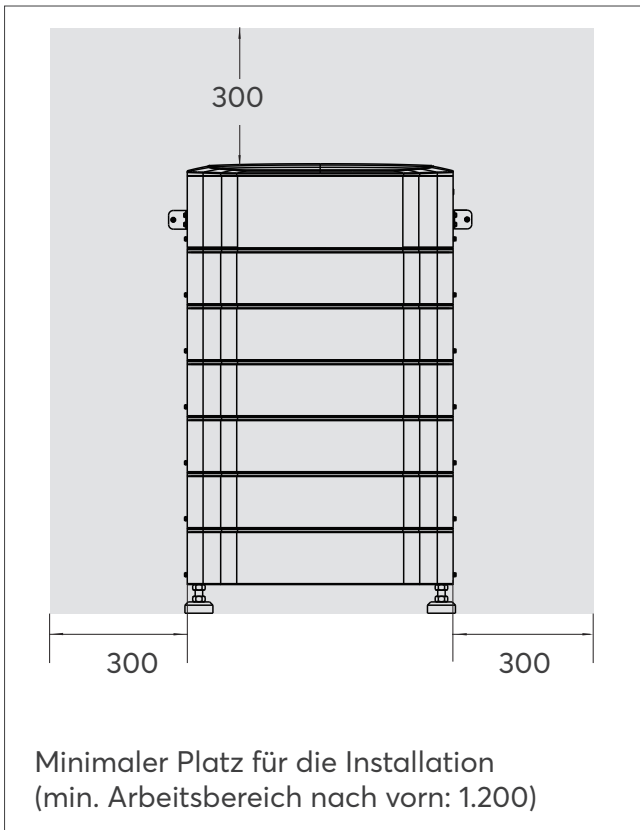


- O LC display
- P rot: Fehler
- Q blau: WLAN/LAN Status
- R grün: betriebsbereit
- S hoch; Wert erhöhen
- T runter; Wert verringern
- U bestätigen
- V zurück/beenden

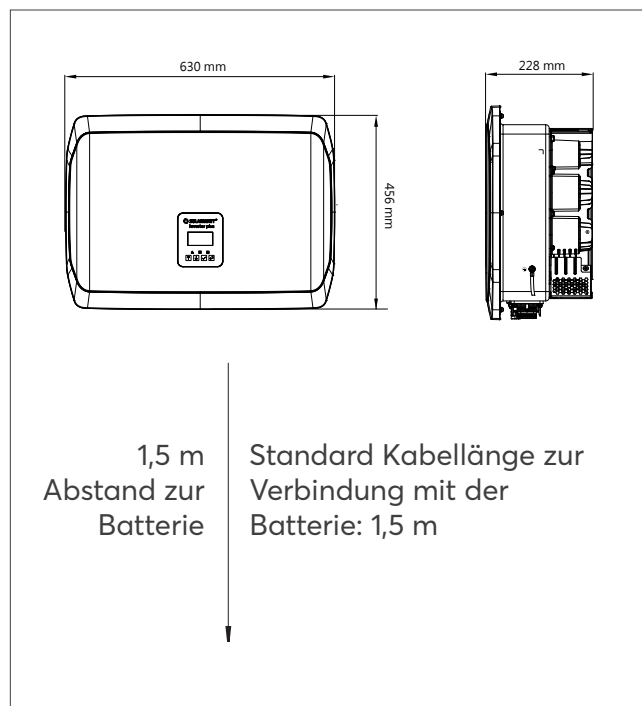
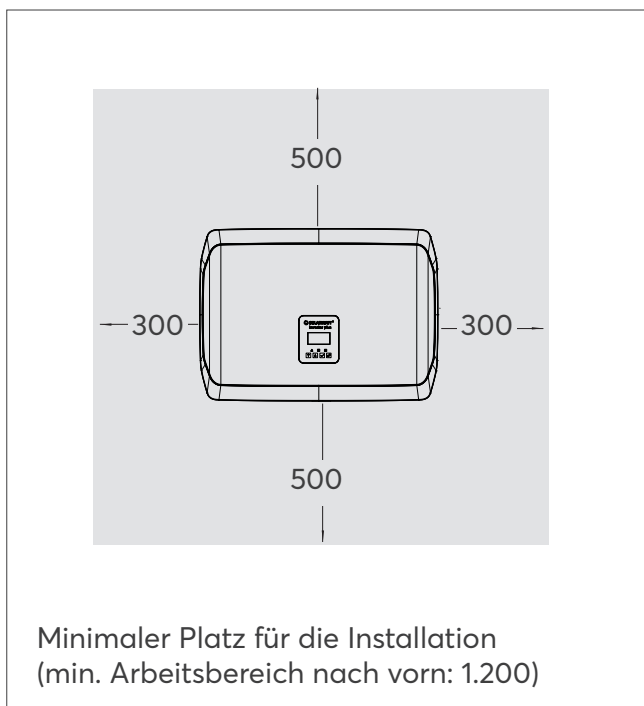
Zusätzlich benötigt:

- 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

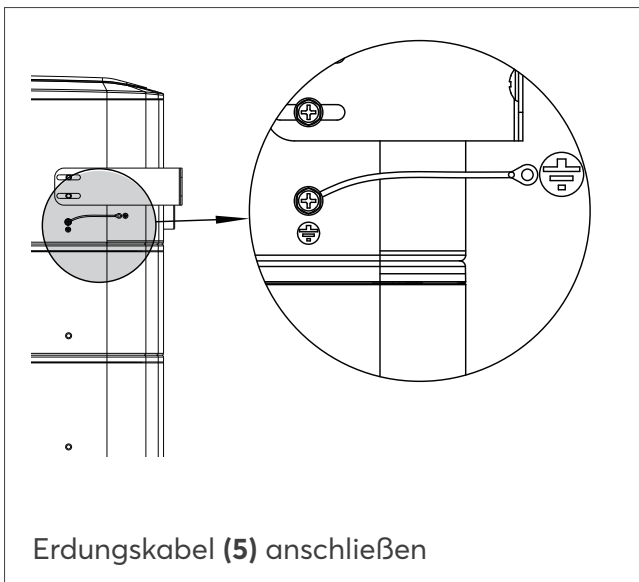
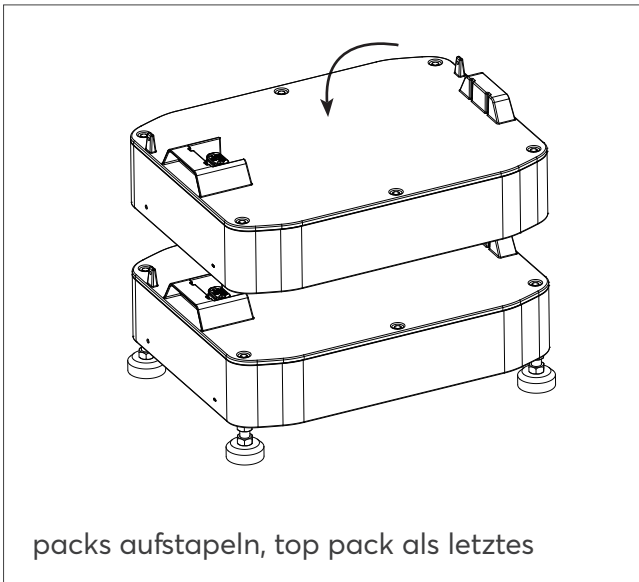
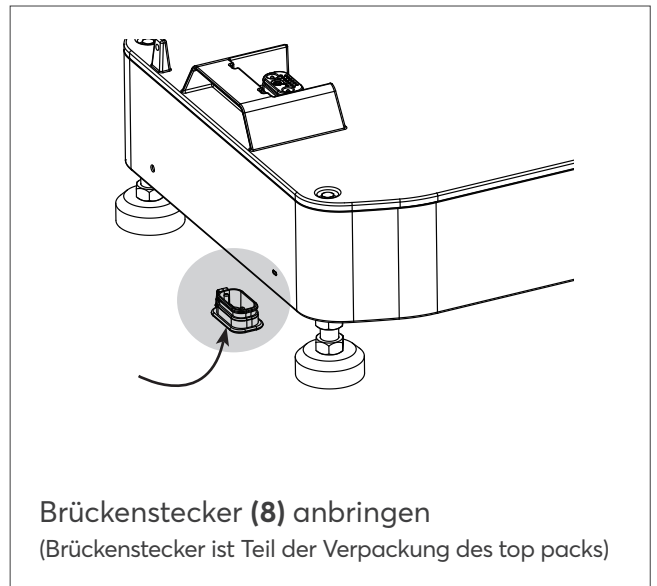
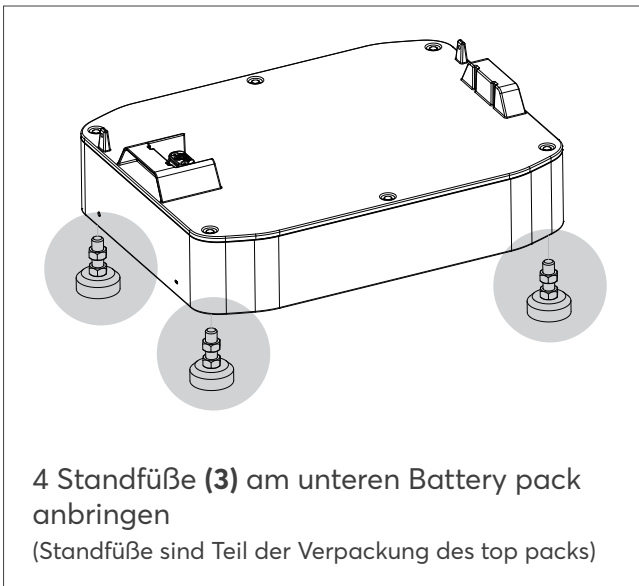
ABMESSUNGEN BATTERY VISION [MM]



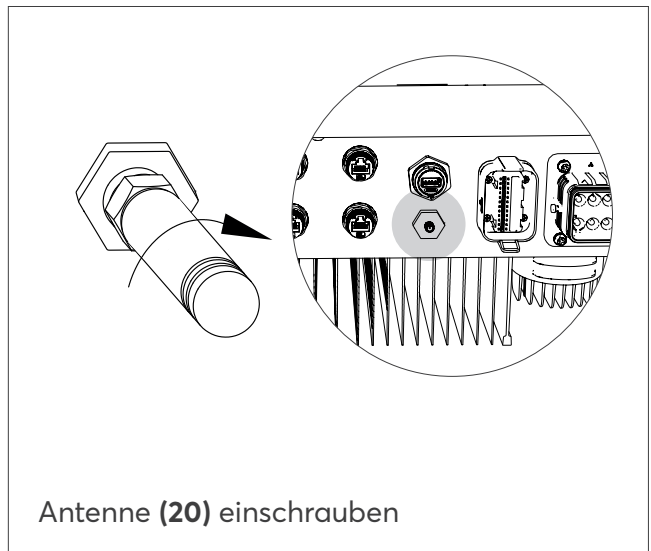
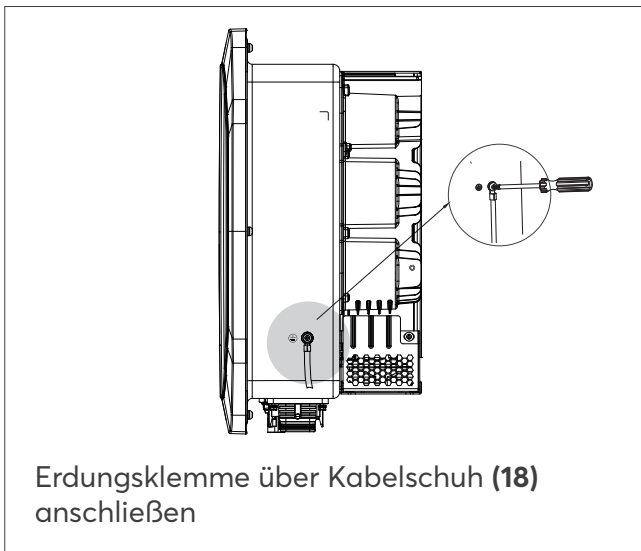
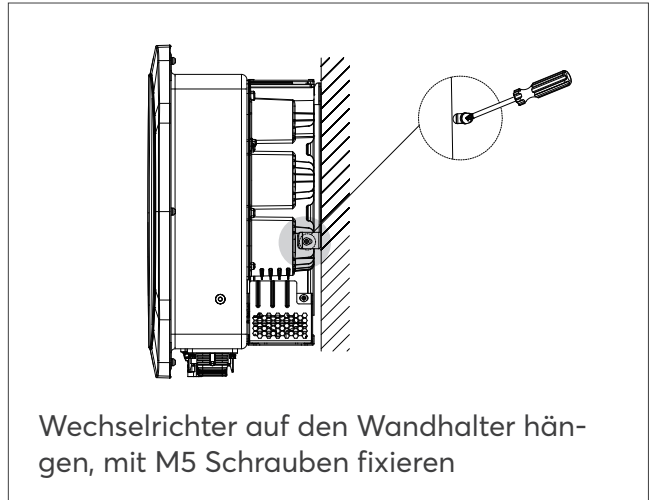
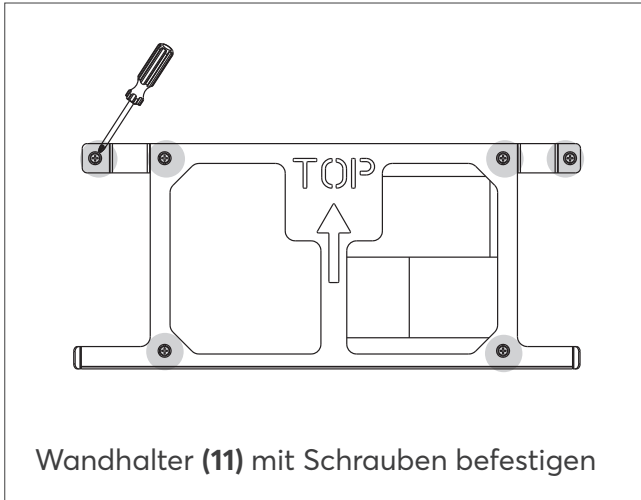
ABMESSUNGEN INVERTER VISION THREE [MM]



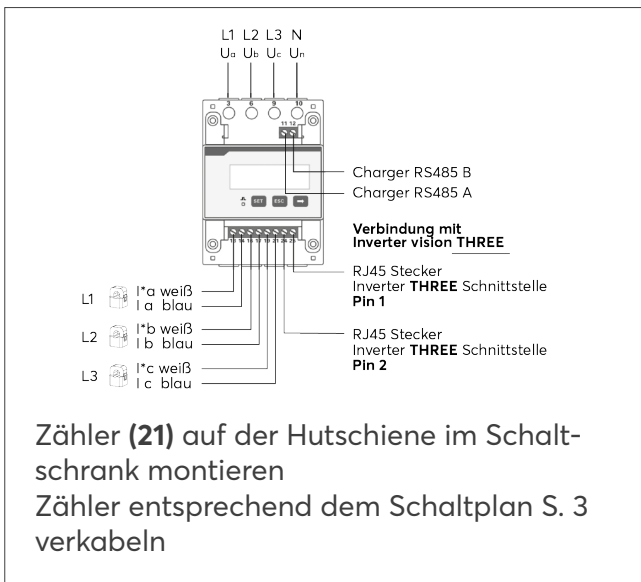
MONTAGE UND VERKABELUNG BATTERY PACKS



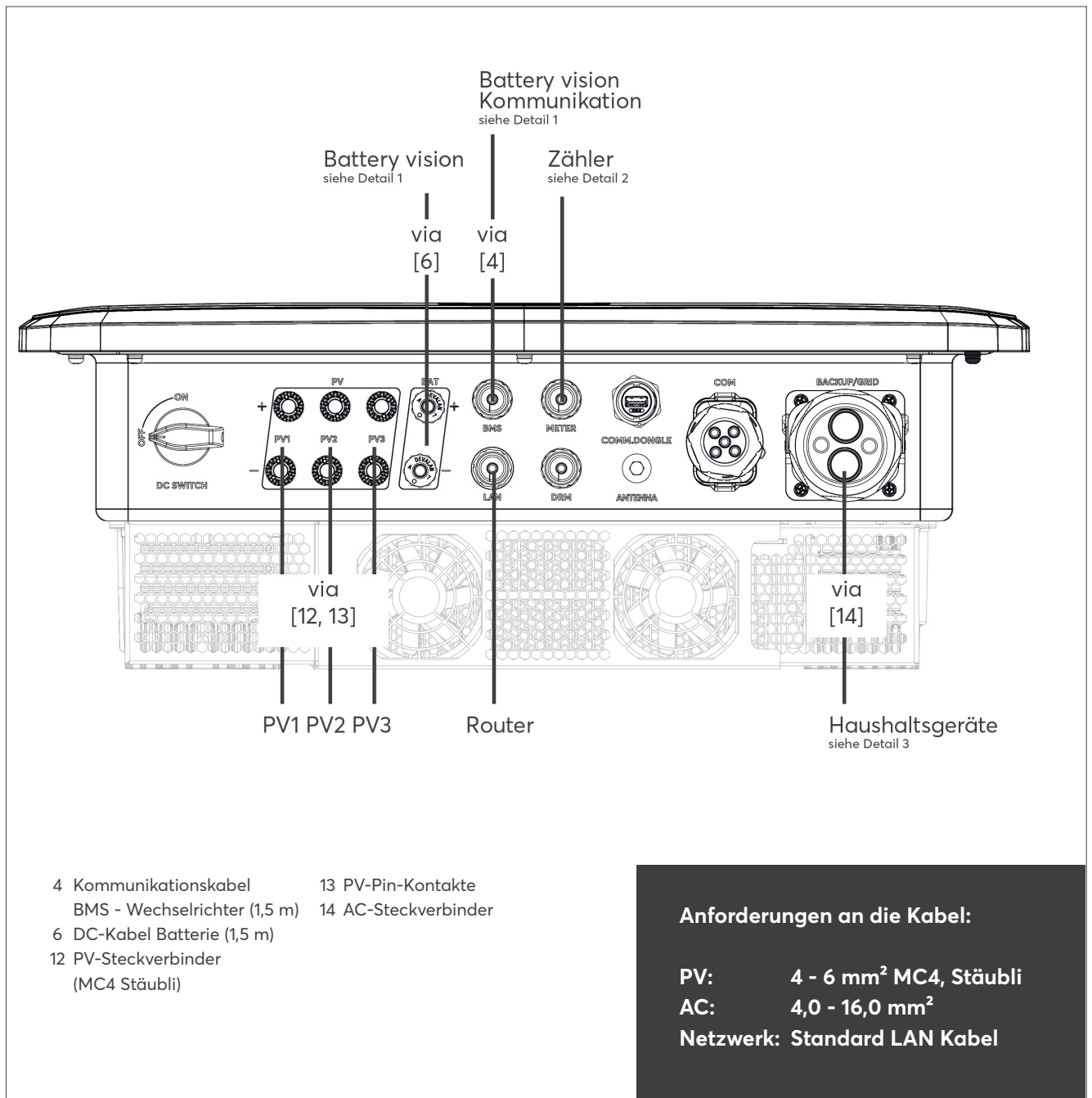
MONTAGE UND VERKABELUNG INVERTER



ZÄHLER INSTALLATION UND VERKABELUNG



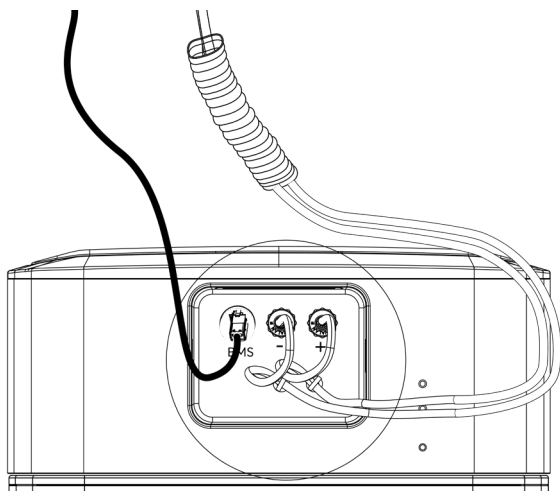
WECHSELRICHTER VERKABELUNG



WECHSELRICHTER MONTAGE UND VERKABELUNG

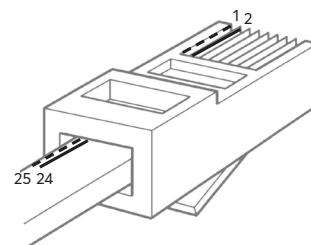
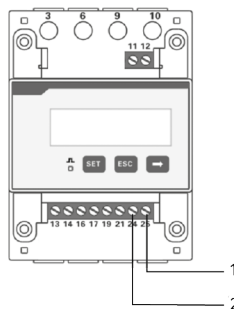
Detail 1

Wechselrichter Schnittstellen
BMS Battery



Batterie verbinden (6, 4)

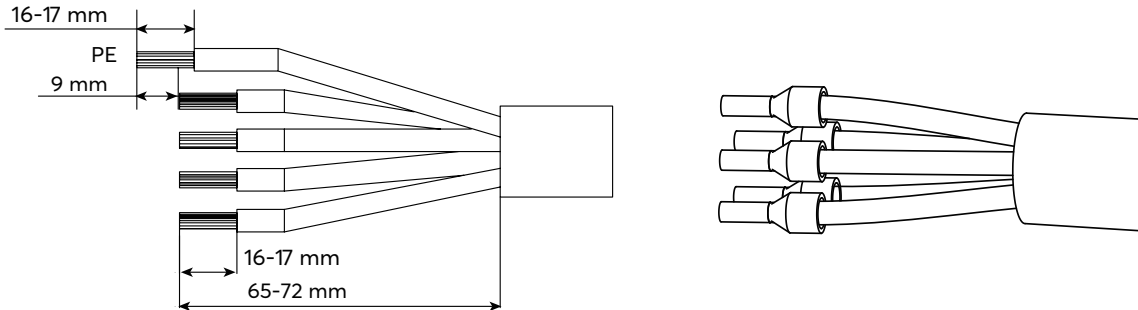
Detail 2



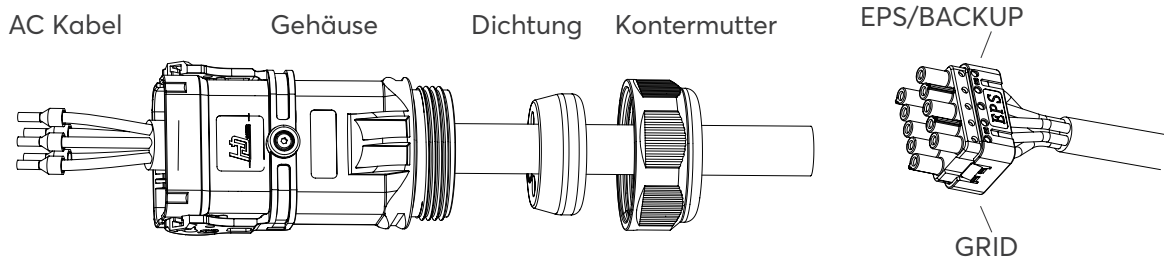
PIN Zähler	24	25
PIN RJ45 Stecker am Wechselrichter	2	1

Zähler verbinden

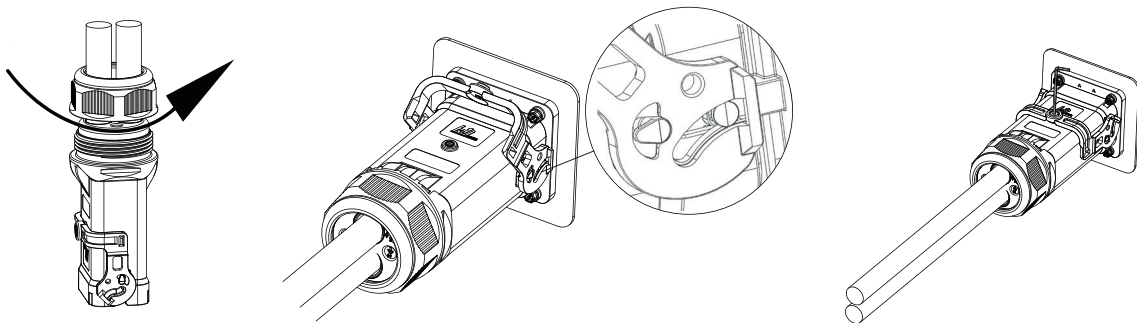
Detail 3



Kabel abmanteln, abisolieren und Aderendhülsen auf die Kabel crimpen



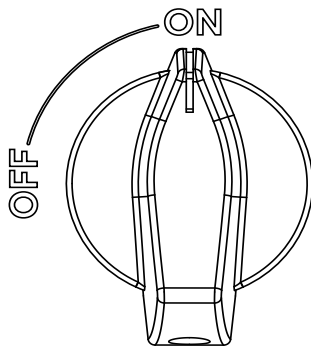
AC-Kabel durch die AC-Steckerkomponenten führen
Kabelenden des Netzanschlusskabels und des Backup-Kabels entsprechend der Adernbezeichnung auf dem Stecker verbinden



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

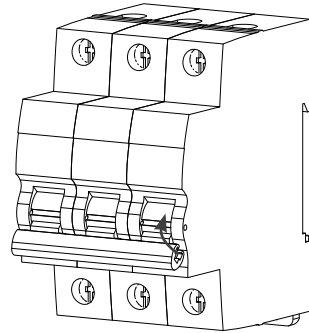
SYSTEMSTART

1



DC-Schalter am Wechselrichter anschalten

2



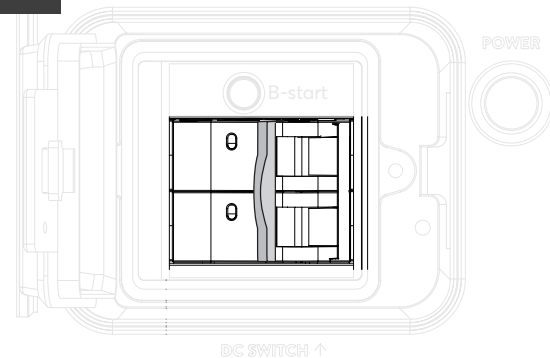
- AC-Sicherung Netz und
- AC-Sicherung backup (falls nach den örtlichen Vorgaben notwendig und vorhanden) einschalten

3



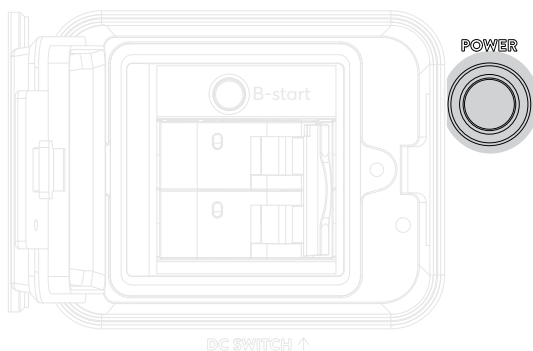
- Gridcode für Netzsicherheit einstellen
 - Datum und Zeit einstellen
- Bestätigen Button am Wechselrichter für 3 Sekunden drücken
- START wählen

4



DC-Schalter an der Batterie (top pack) anschalten

5



POWER button an der Batterie (top pack) betätigen

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

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

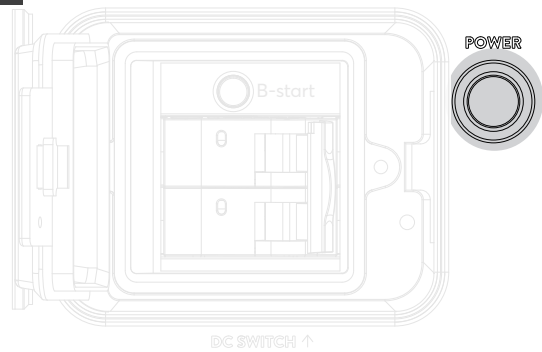
1



Bestätigen Button am Wechselrichter
für 3 Sekunden drücken

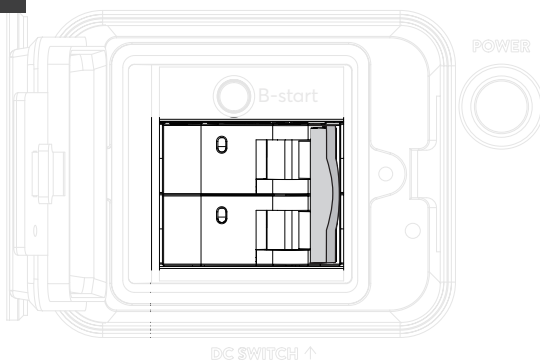
- STOP wählen

2



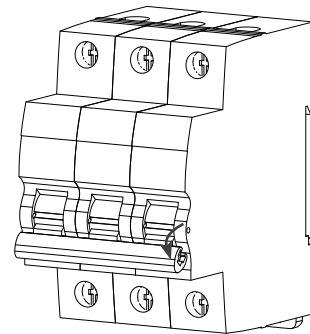
POWER button an der Batterie (top pack)
betätigen

3



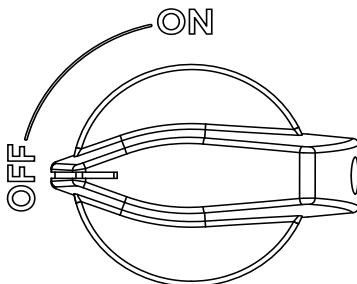
DC-Schalter an der Batterie (top pack)
ausschalten

4



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

5

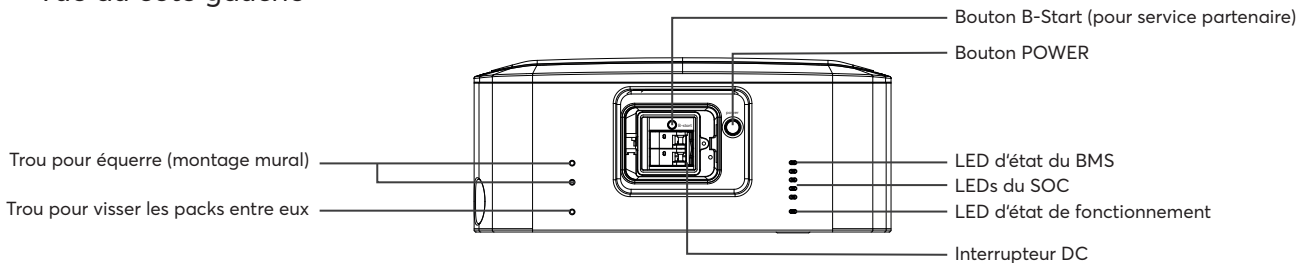


DC-Schalter am Wechselrichter ausschalten

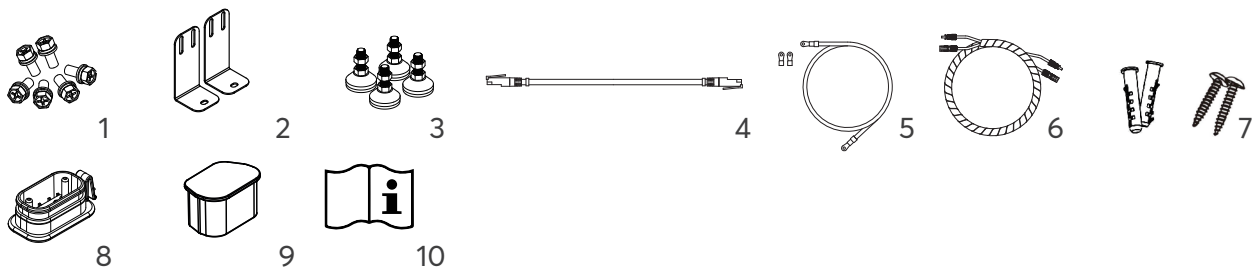
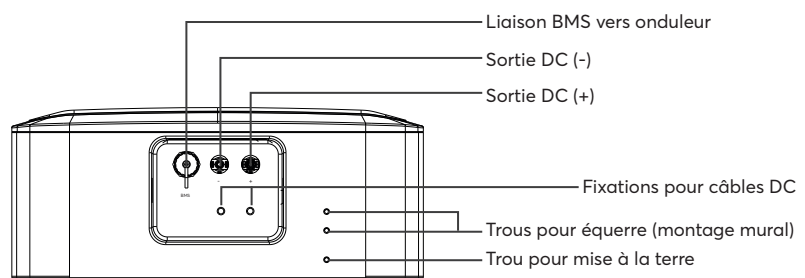
COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Battery vision top pack 1.0 (2.6 kWh)

Vue du côté gauche

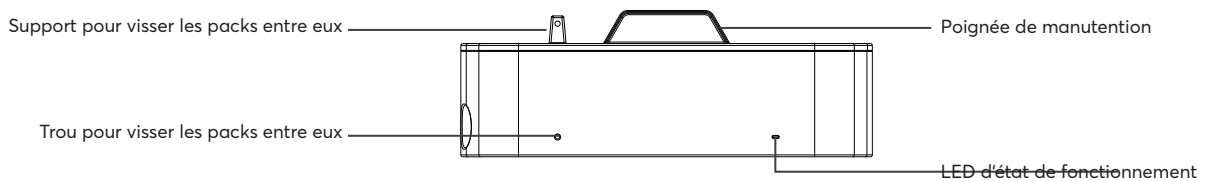


Vue du côté droit



- | | | |
|---|---|--|
| 1 Vis (M5), 2 pour visser les packs et 2 pour les équerres de montage | 5 Câble de mise à la terre (avec 2 cosses suppl.) | 9 Couverture de protection du connecteur |
| 2 Équerres de montage | 6 Câble DC batteries (1,5 m) | 10 Consignes de sécurité |
| 3 Pied de support | 7 2 vis à visser au mur | |
| 4 Câble de communication BMS - Onduleur (1,5 m) | 8 Connecteur jumper | |

Battery vision pack 1.0 (2.6 kWh)



23

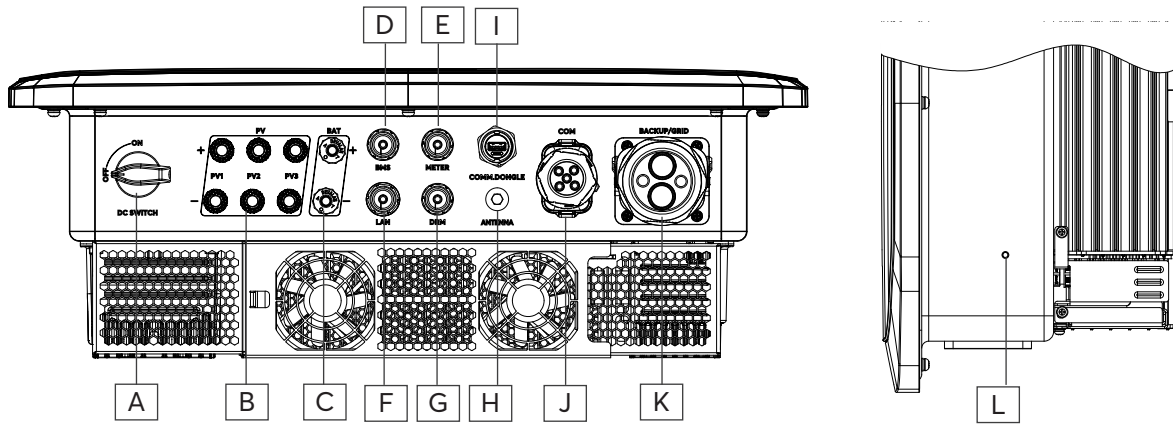


24

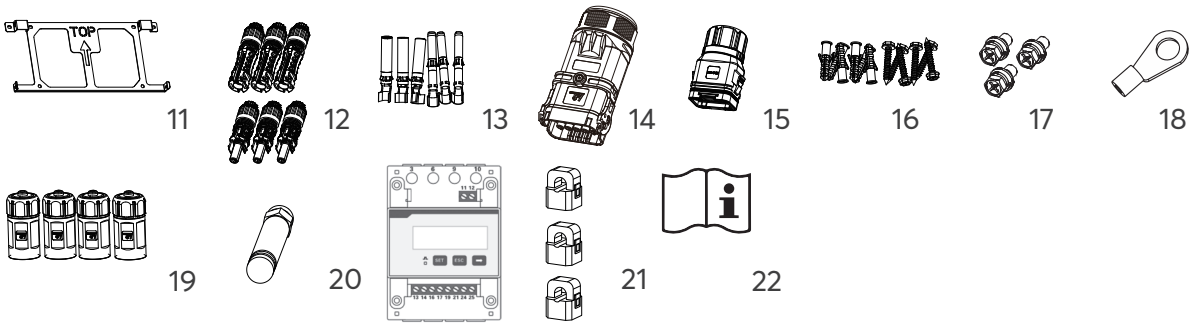
- 21 Vis (M5) pour visser les packs et les équerres de montage
22 Consignes de sécurité

COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

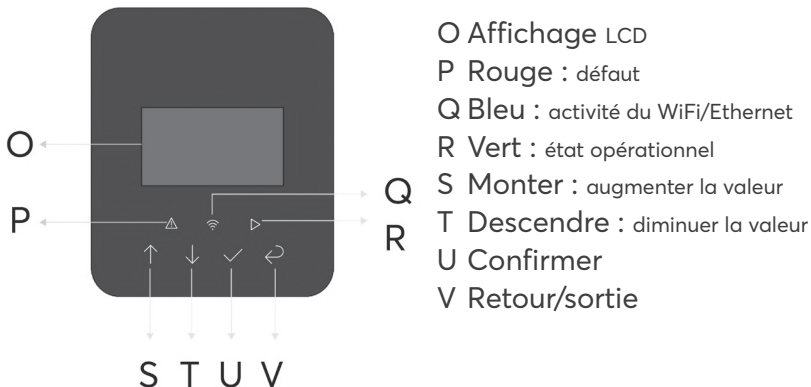
Inverter vision three 1.0



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



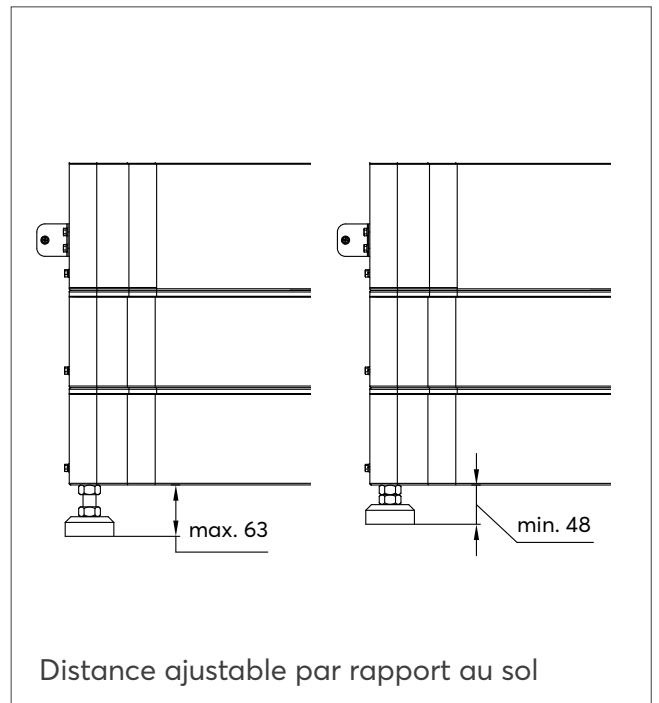
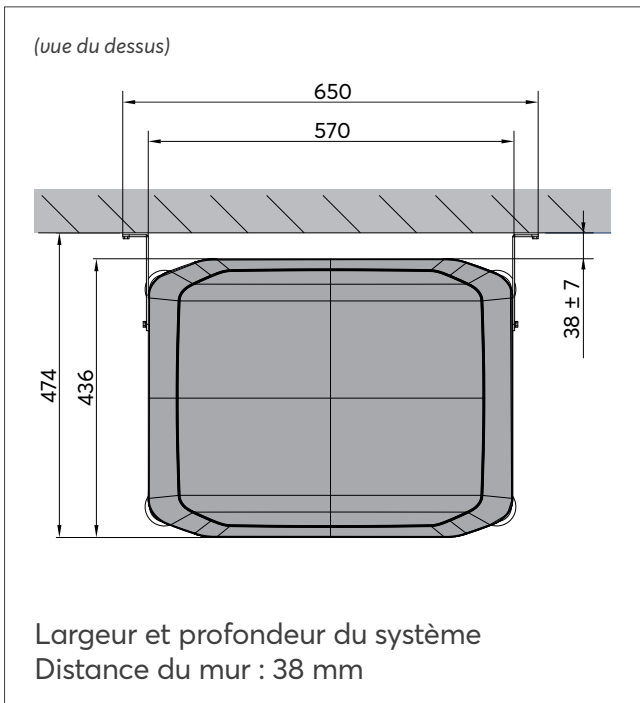
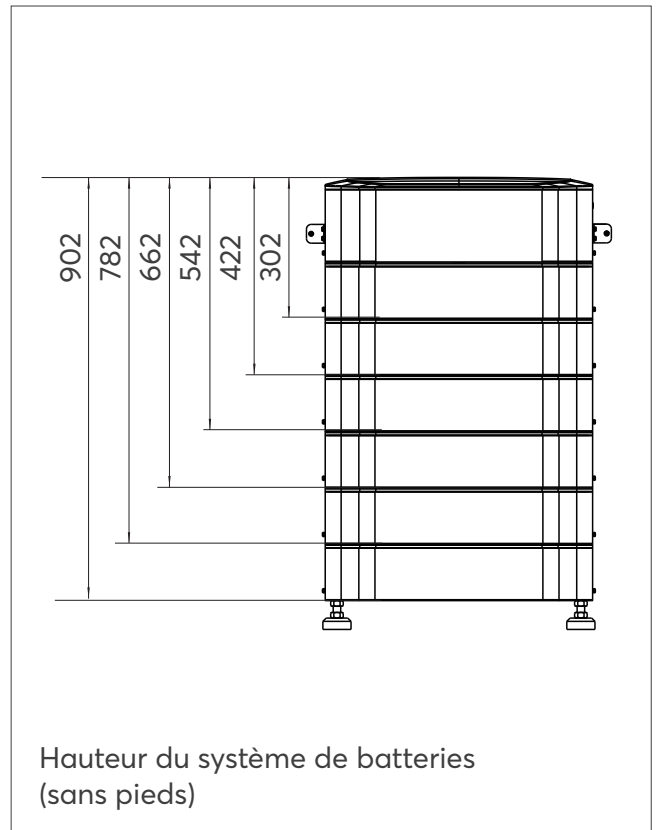
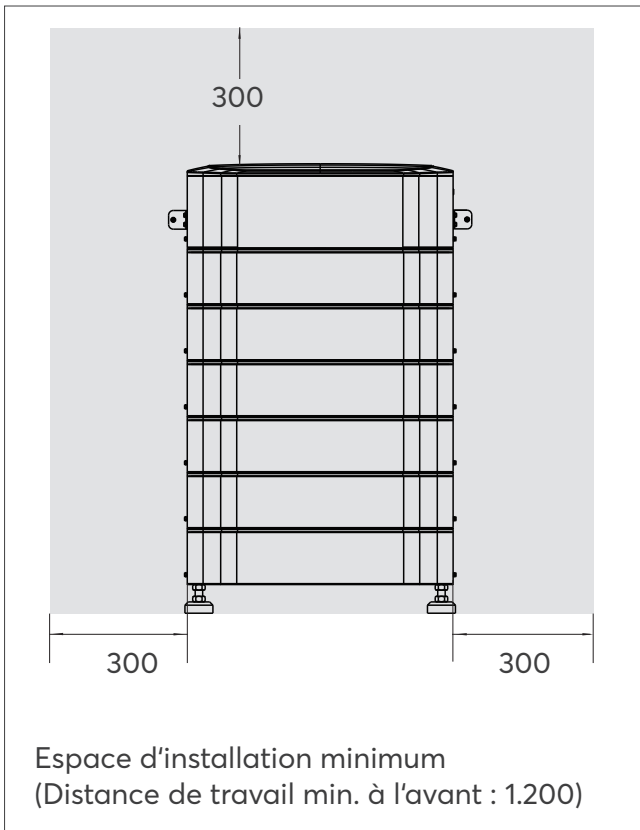
- | | | |
|--|--|------------------------------|
| 11 Support de montage | 16 Vis pour support de montage | 20 Antenne |
| 12 Connecteurs PV (MC4 Stäubli) | 17 Vis pour la fixation leur de l'onduleur | 21 Compteur avec pinces TC |
| 13 Cosses des connecteurs PV | 18 Cosse pour mise à la terre | 22 Guide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



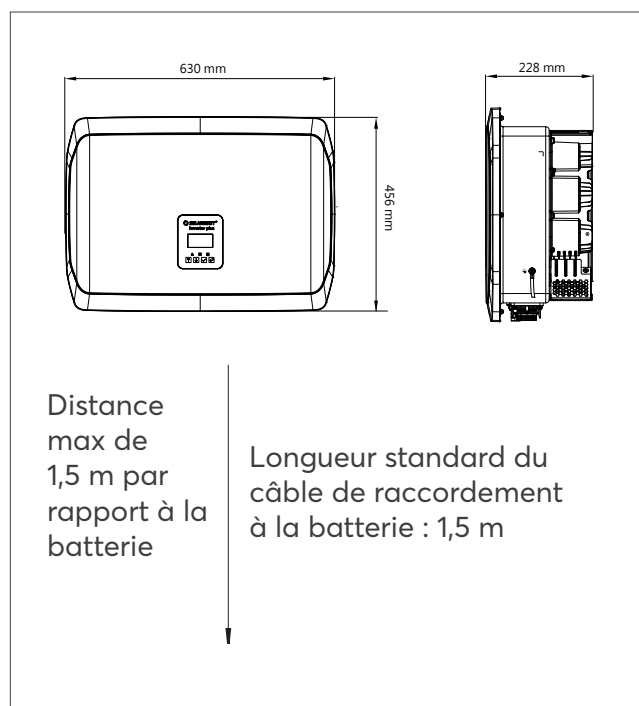
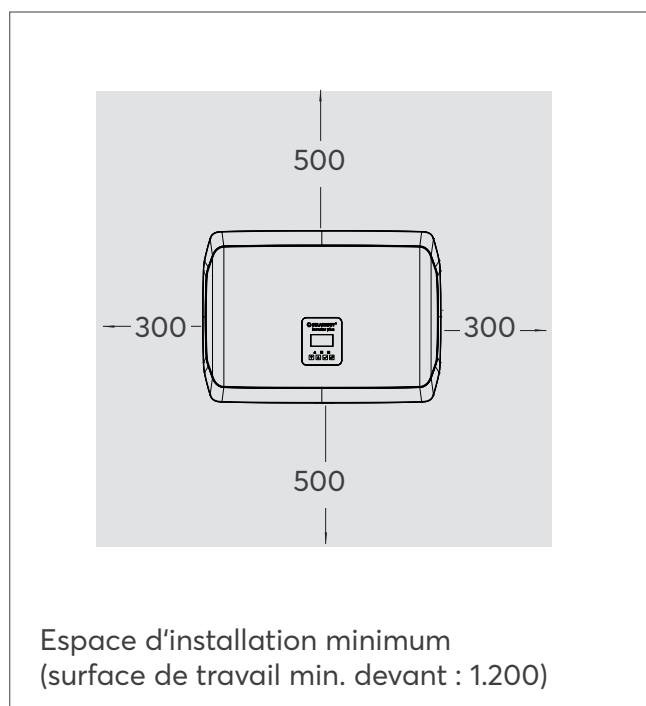
Équipement supp. requis :

- 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

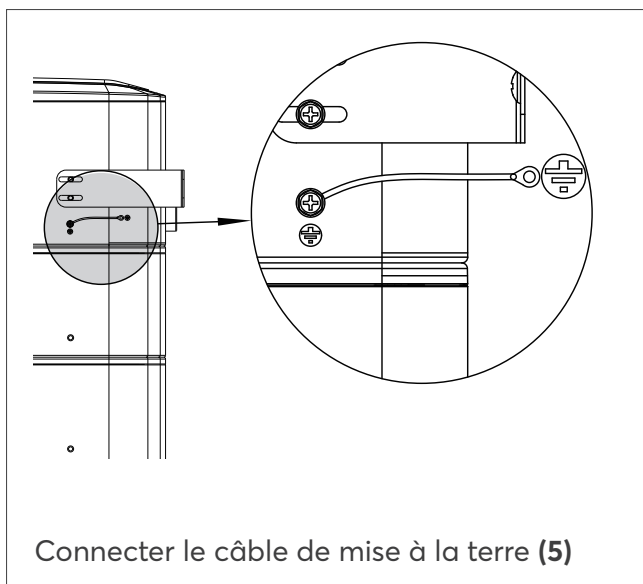
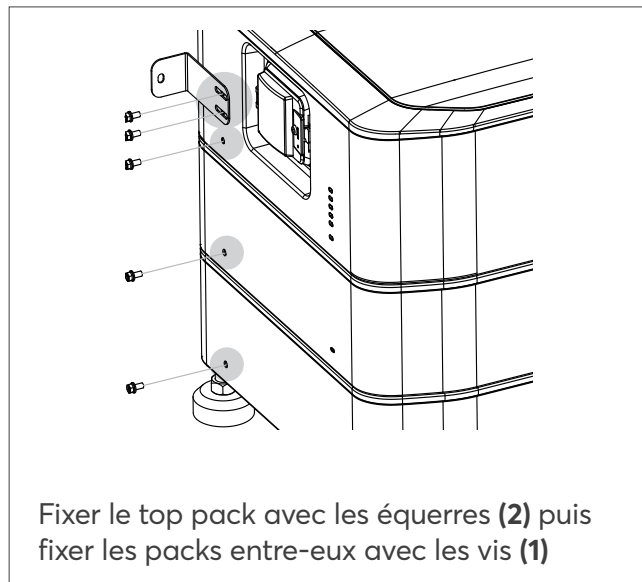
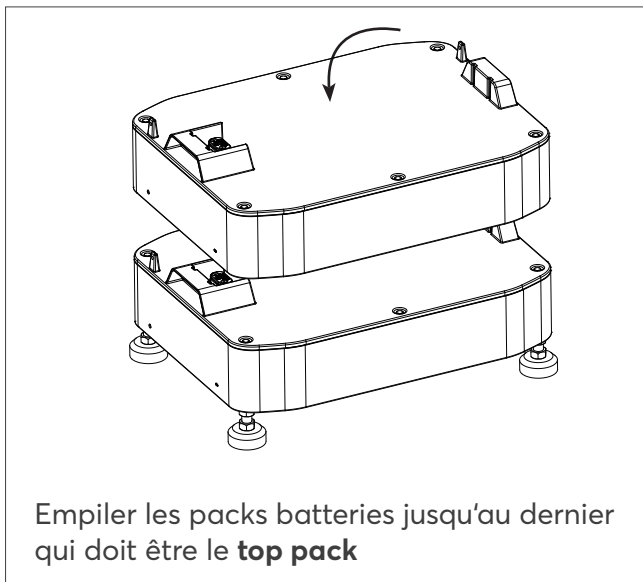
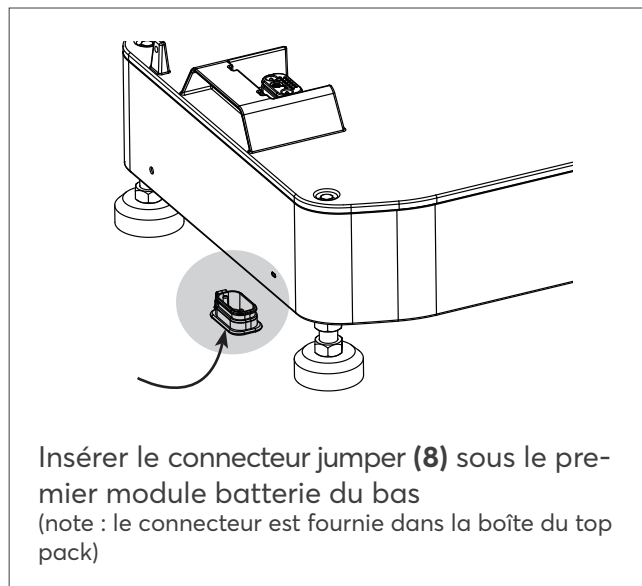
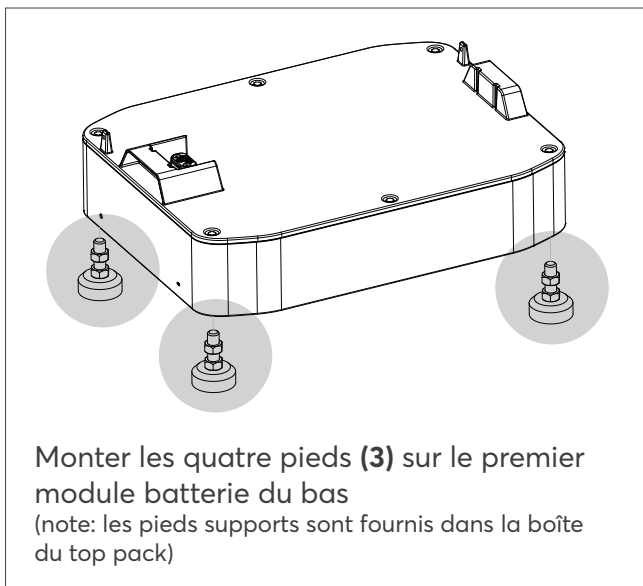
DIMENSIONS DE LA BATTERY VISION [MM]



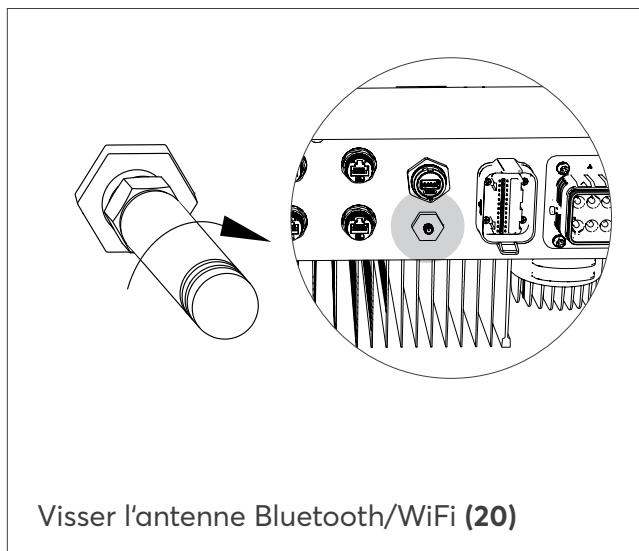
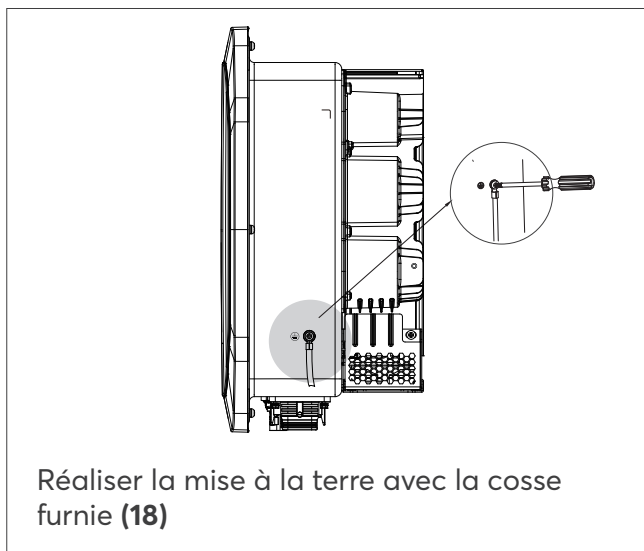
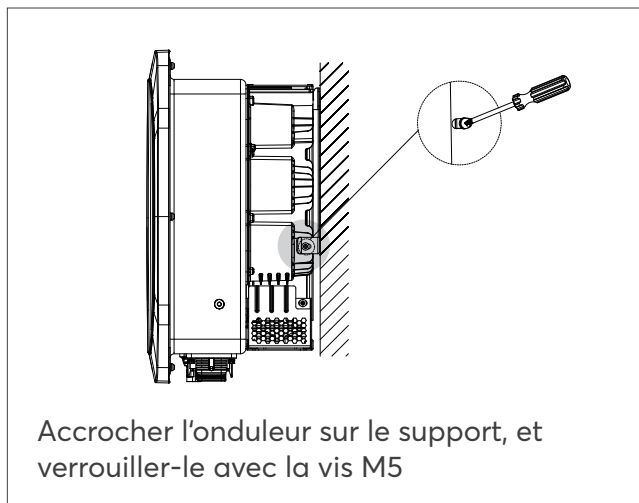
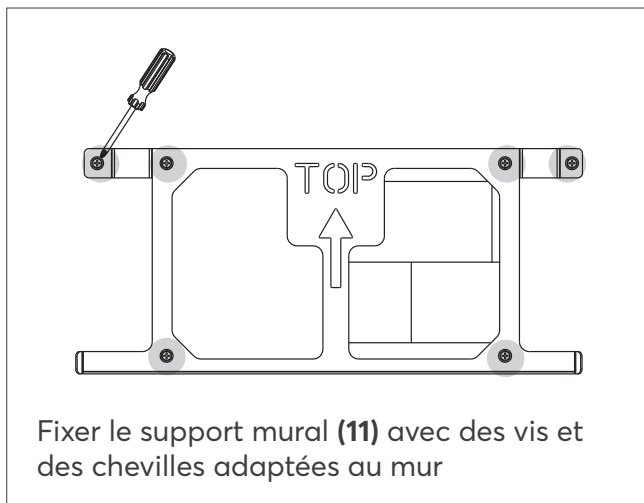
DIMENSIONS DE L'ONDULEUR INVERTER VISION THREE [MM]



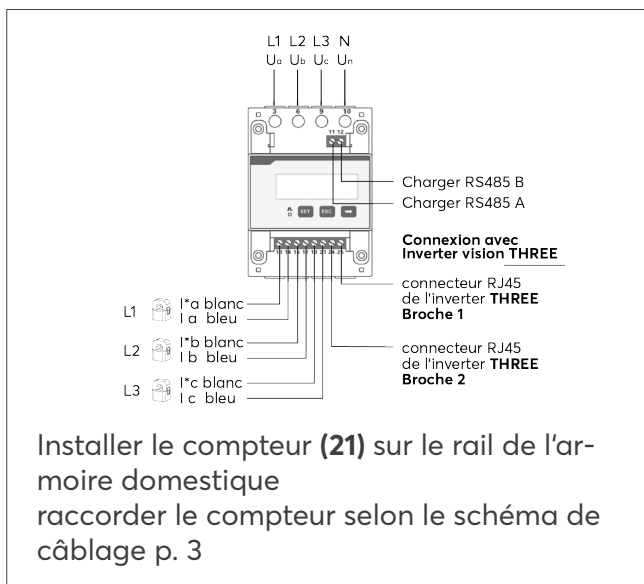
MONTAGE ET CÂBLAGE DES PACKS BATTERIES



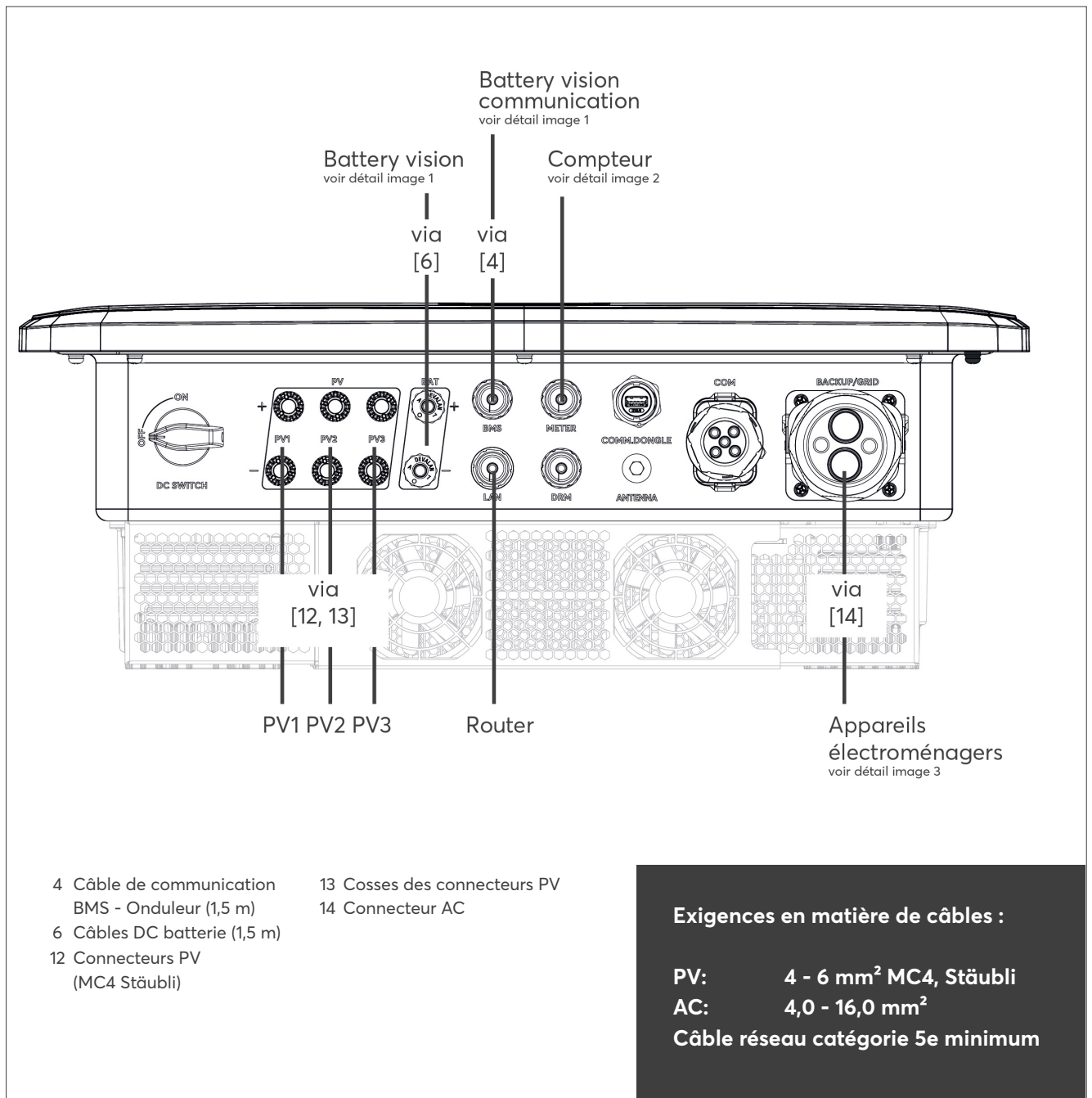
MONTAGE ET ET CÂBLAGE DE L'ONDULEUR



MONTAGE ET CÂBLAGE DU COMPTEUR



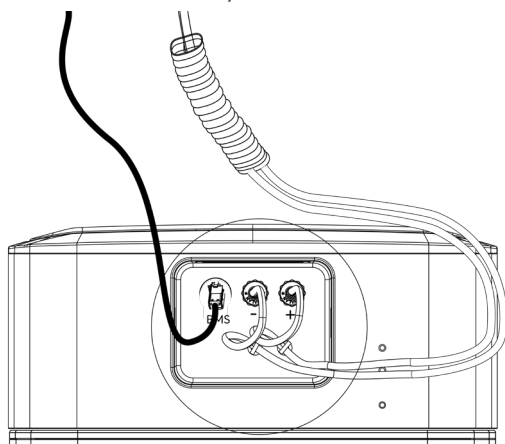
CÂBLAGE DE L'ONDULEUR



MONTAGE ET CÂBLAGE DE L'ONDULEUR

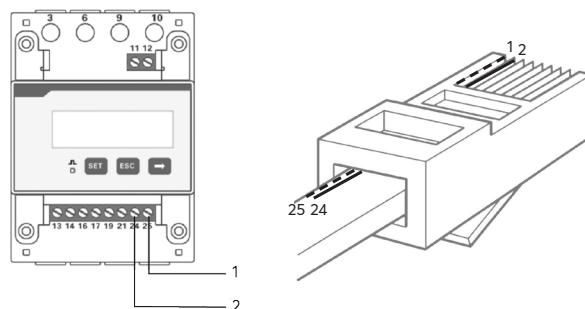
détail 1

Interfaces de l'onduleur
BMS Battery



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

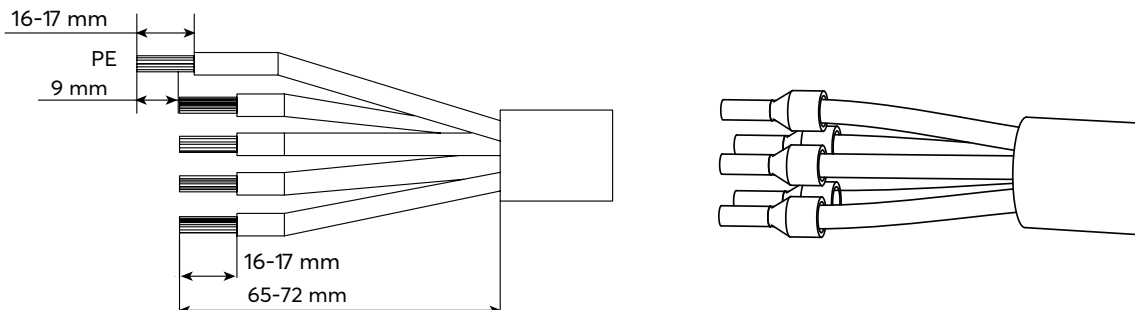
détail 2



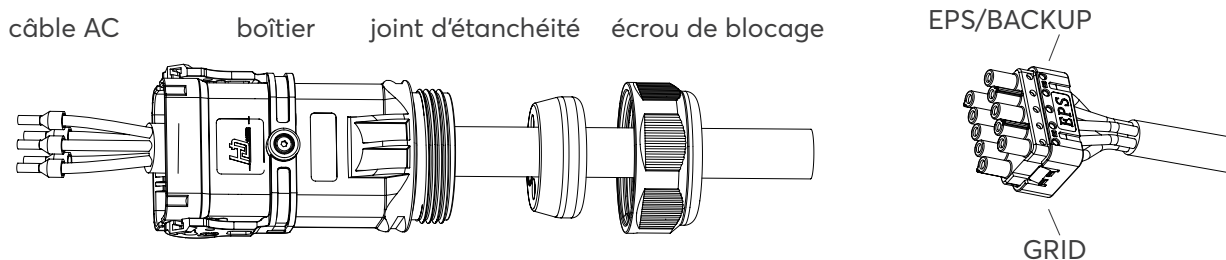
PIN du compteur	24	25
Broche de la prise RJ45 de l'onduleur	2	1

Raccorder le compteur Chint

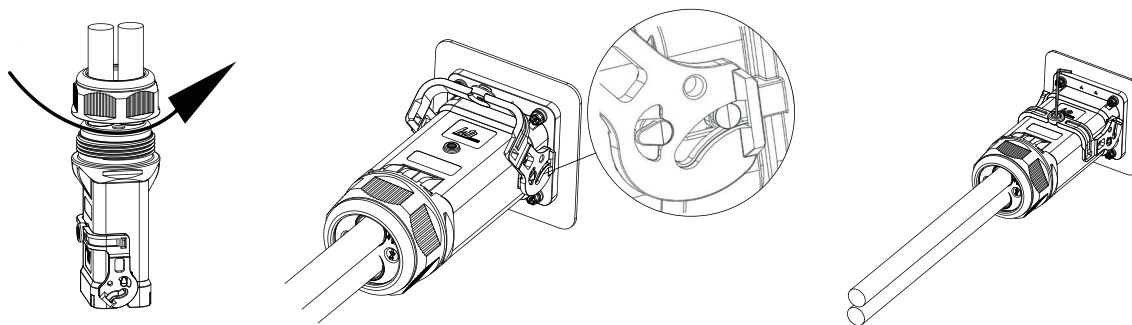
détail 3



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



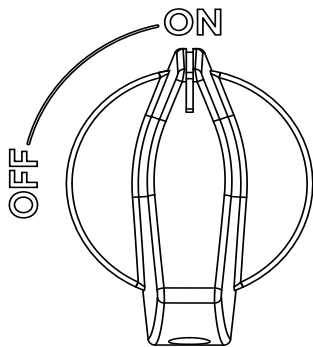
Faire passer le câble AC par les composants de la fiche AC
Relier les extrémités du câble de raccordement au réseau et du câble de sauvegarde conformément à la désignation des conducteurs sur le connecteur



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

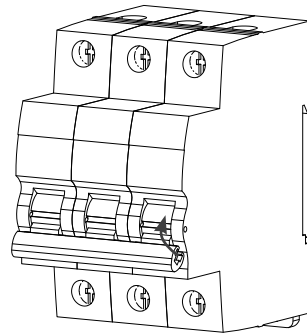
DÉMARRAGE DU SYSTÈME

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

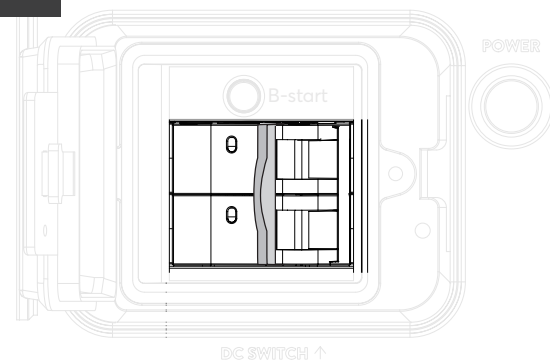


- définir le code réseau pour la sécurité du réseau
- reseaurégler l'heure

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

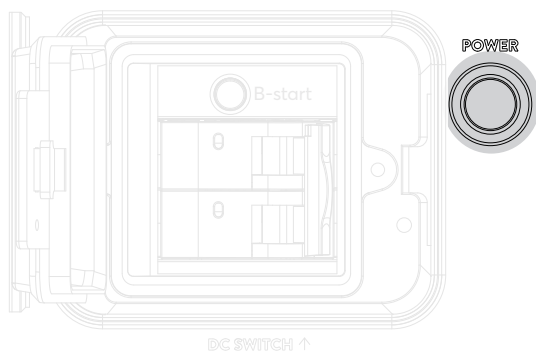
- sélectionner START

4



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

5



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.

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

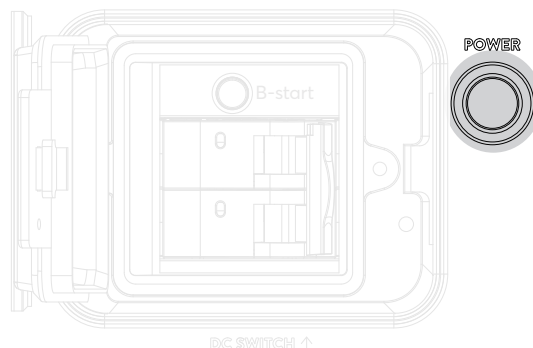
1



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

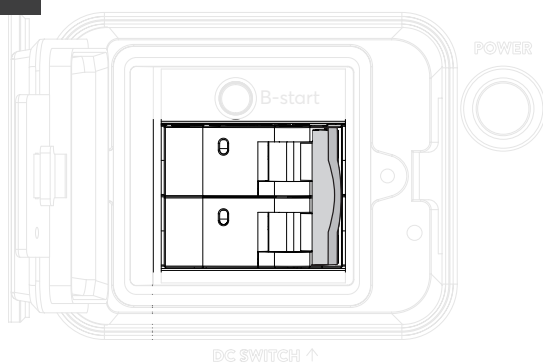
- sélectionner STOP

2



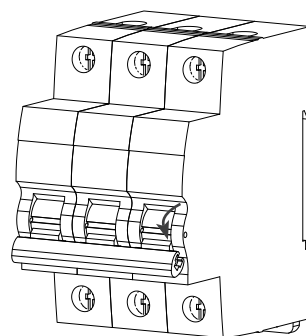
Appuyer sur le bouton POWER (top pack)

3



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

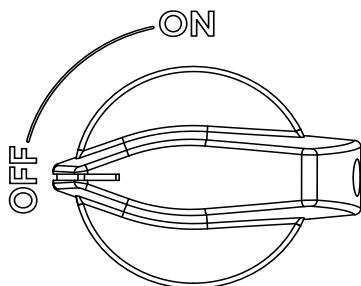
4



Éteindre

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

5

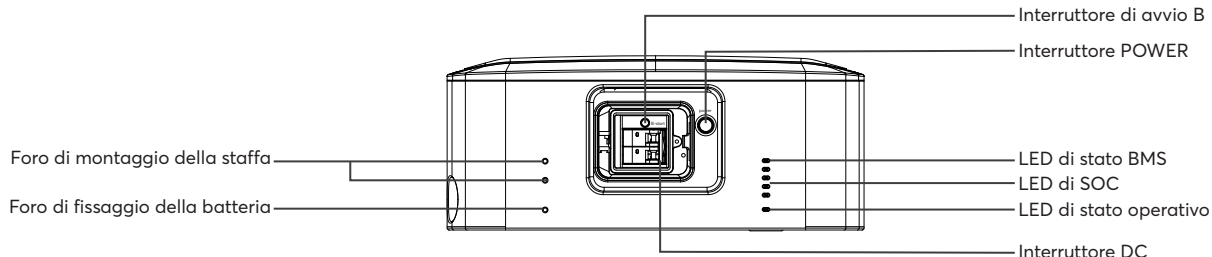


Tourner l'interrupteur **DC Switch** de l'onduleur sur OFF

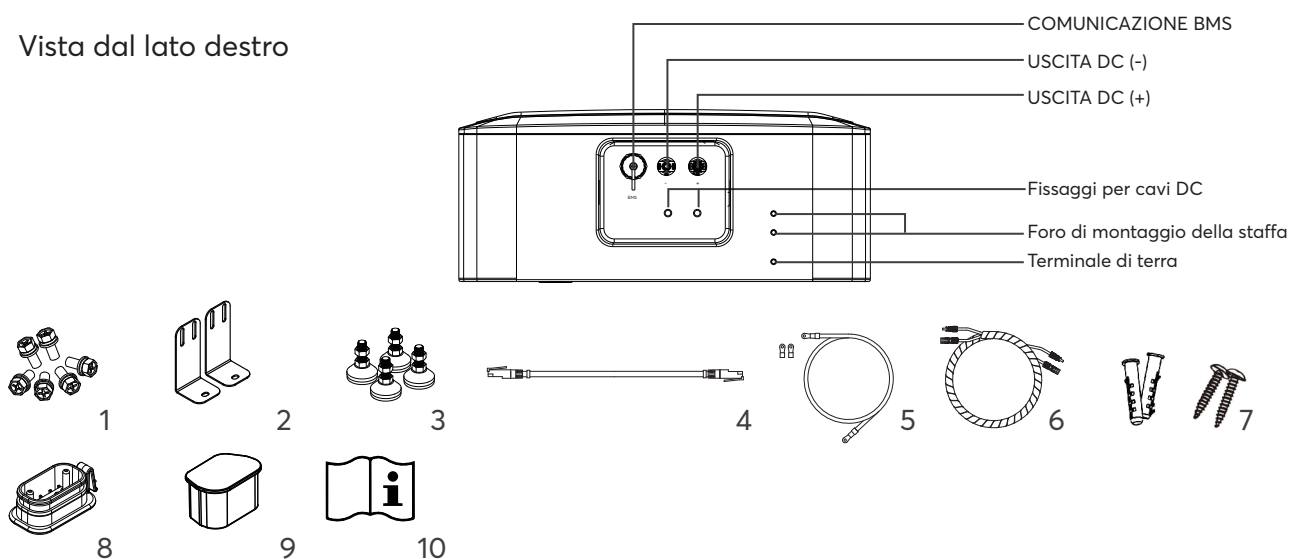
DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

Battery vision top pack 1.0 (2.6 kWh)

Vista dal lato sinistro

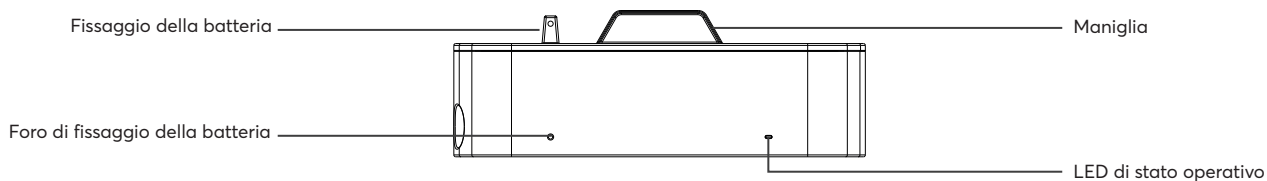


Vista dal lato destro



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

Battery vision pack 1.0 (2.6 kWh)



21

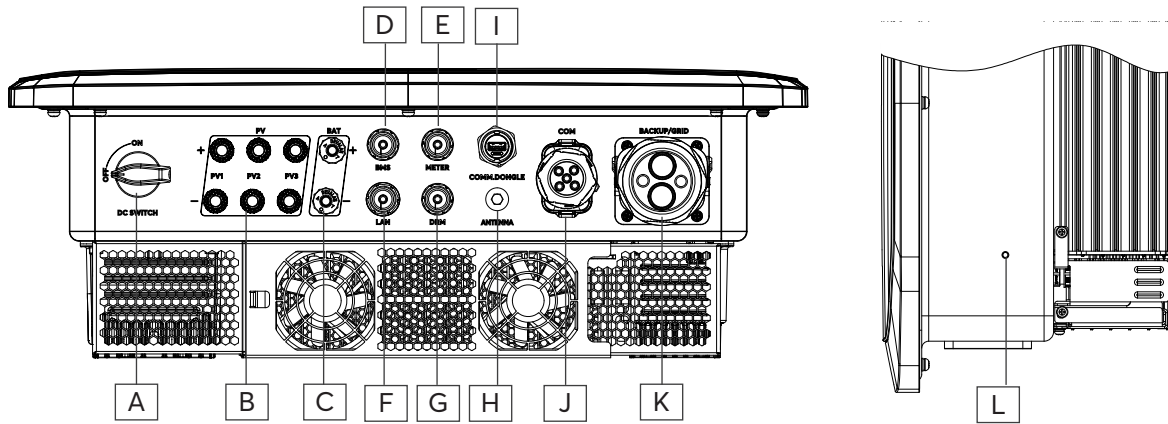


22

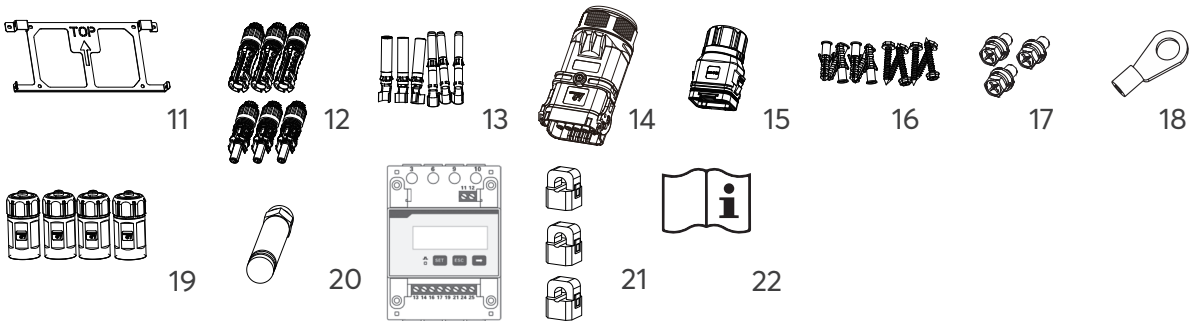
- 21 Viti di fissaggio (M5) per i pack
22 Istruzioni di sicurezza

DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

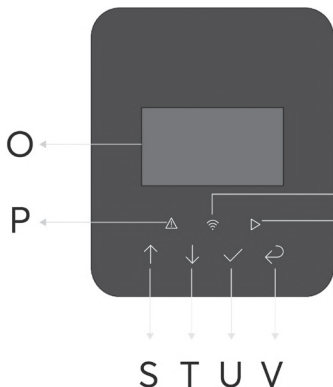
Inverter vision three 1.0



- | | | |
|--------------------------|-------------|-----------------|
| 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) | | |

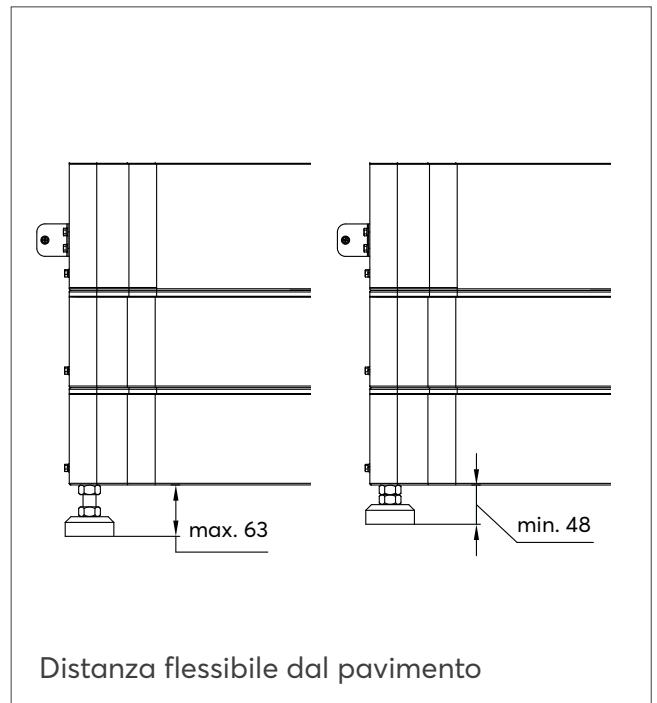
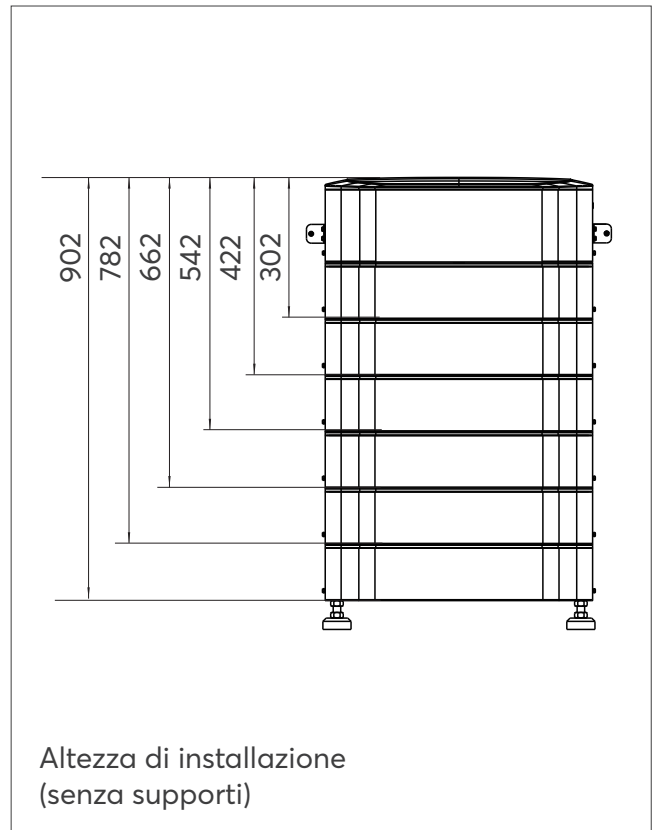
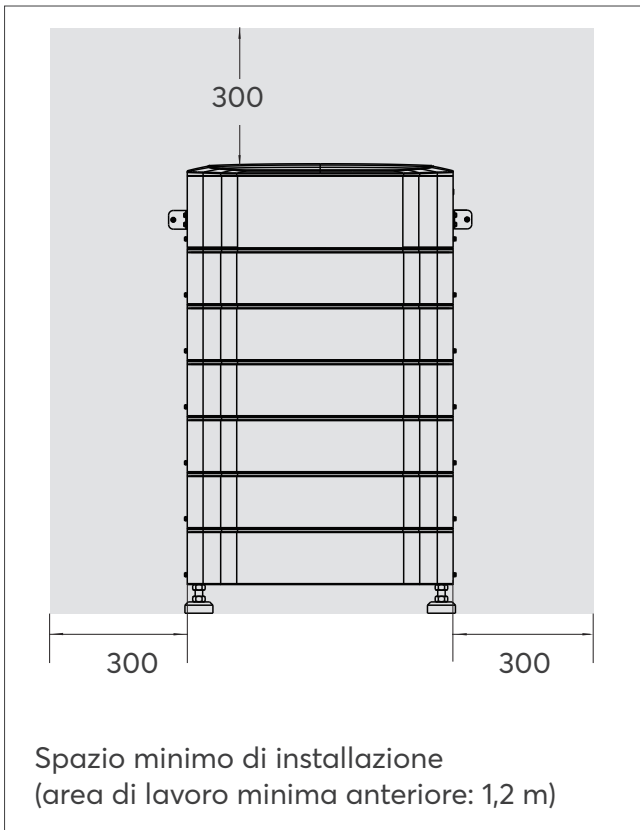


- | |
|----------------------------|
| O Display LC |
| P rojo: fallo |
| Q azul: estado de WLAN/LAN |
| R verde: en funcionamiento |
| S up: incrementar valor |
| T down: decrementar valor |
| U confirmar |
| V retroceder/salida |

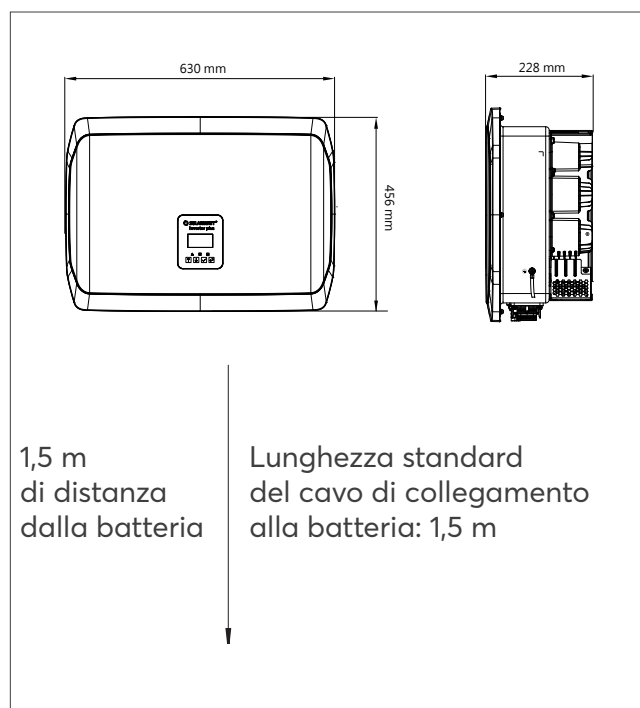
Equipo adicional necesario:

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

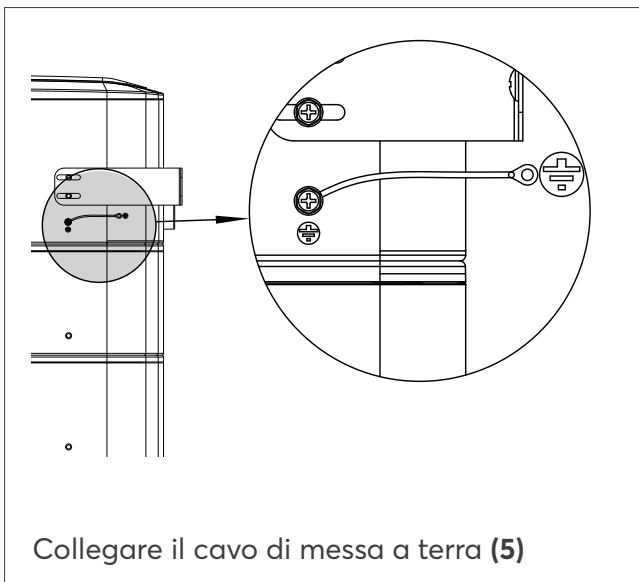
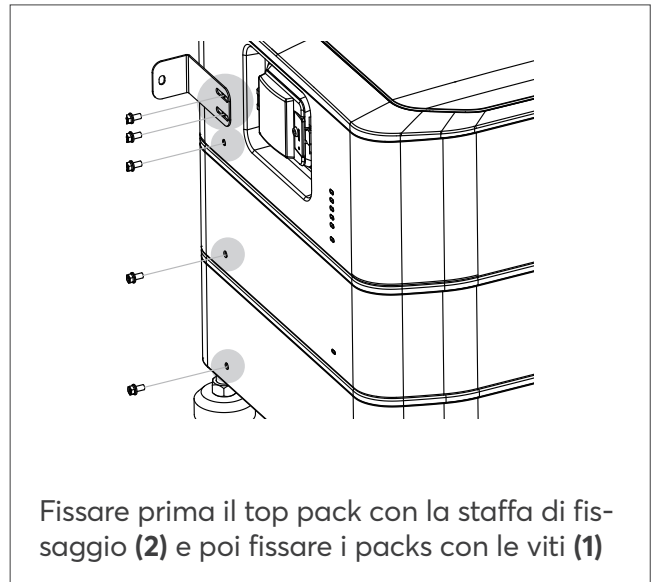
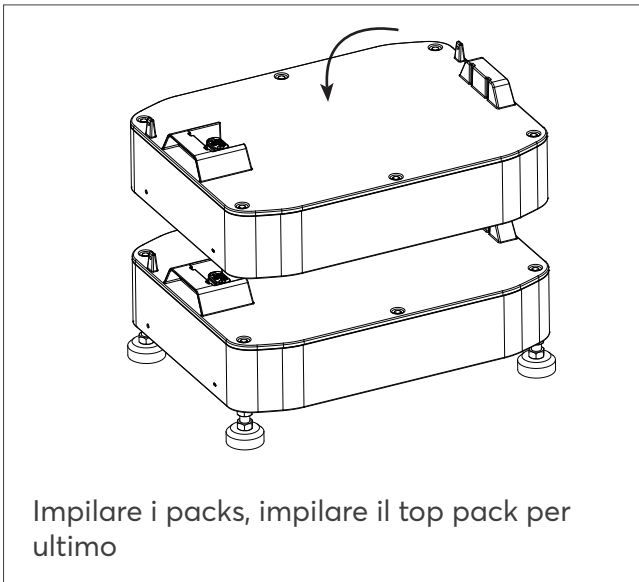
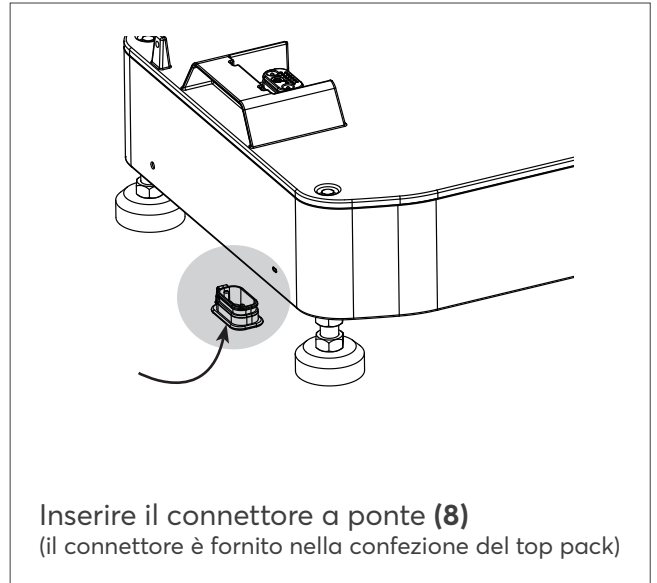
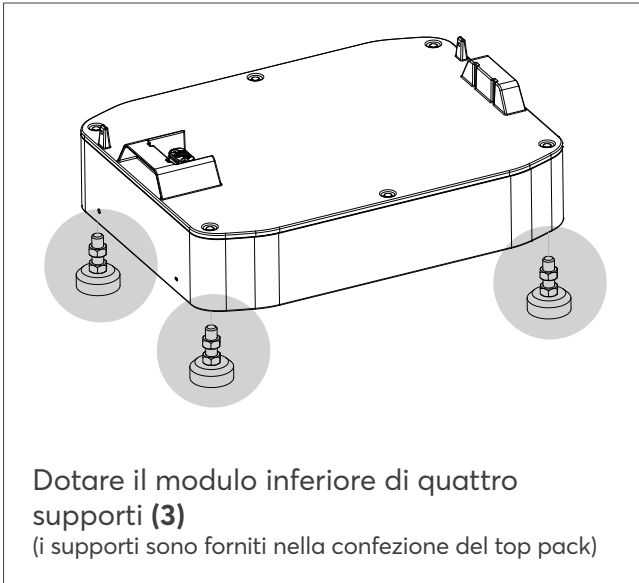
DIMENSIONI BATTERY VISION [mm]



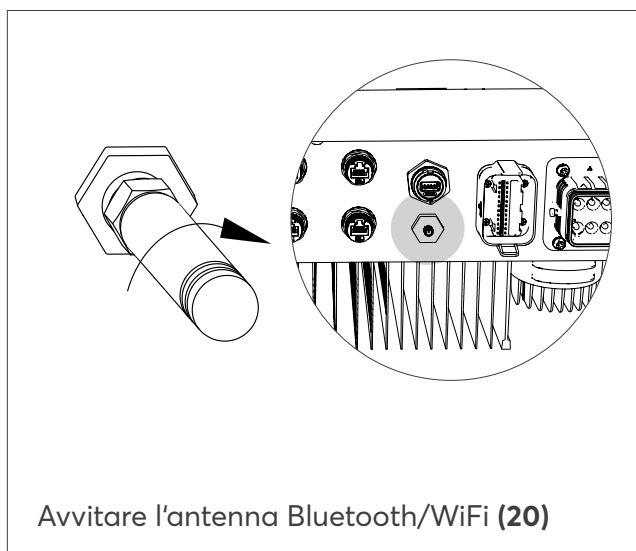
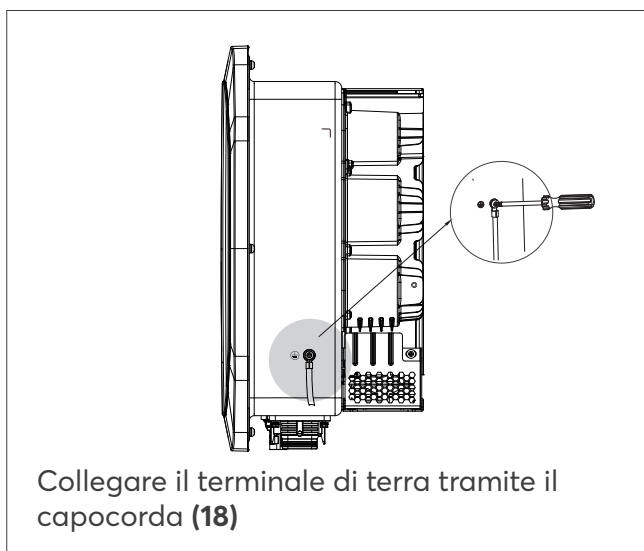
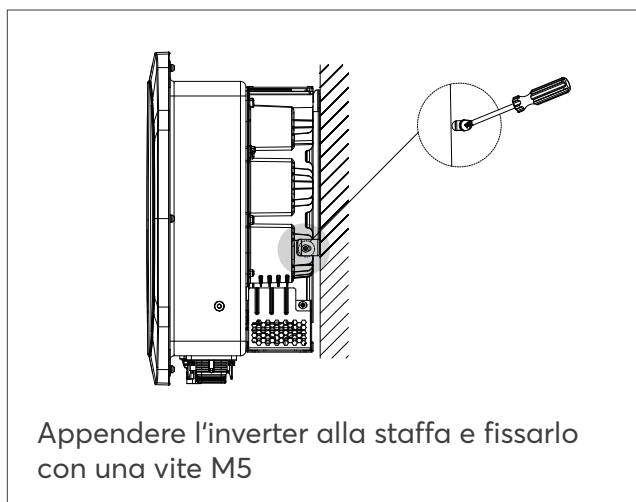
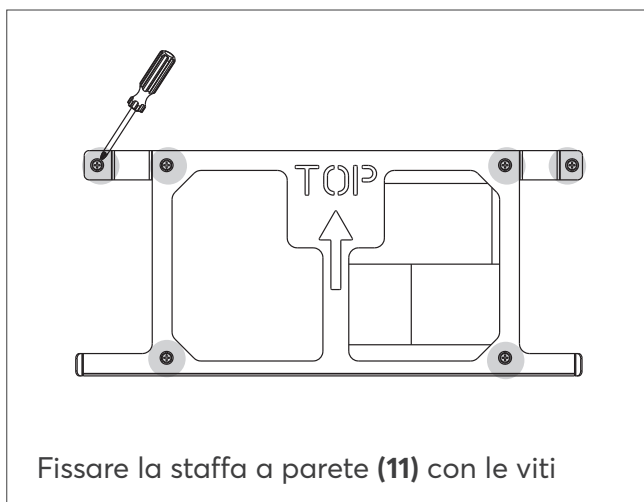
DIMENSIONI INVERTER VISION THREE [mm]



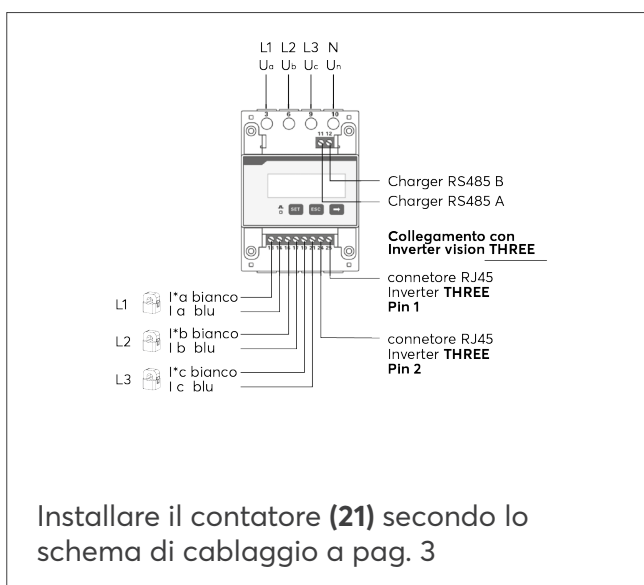
BATTERY PACKS MONTAGGIO E CABLAGGIO



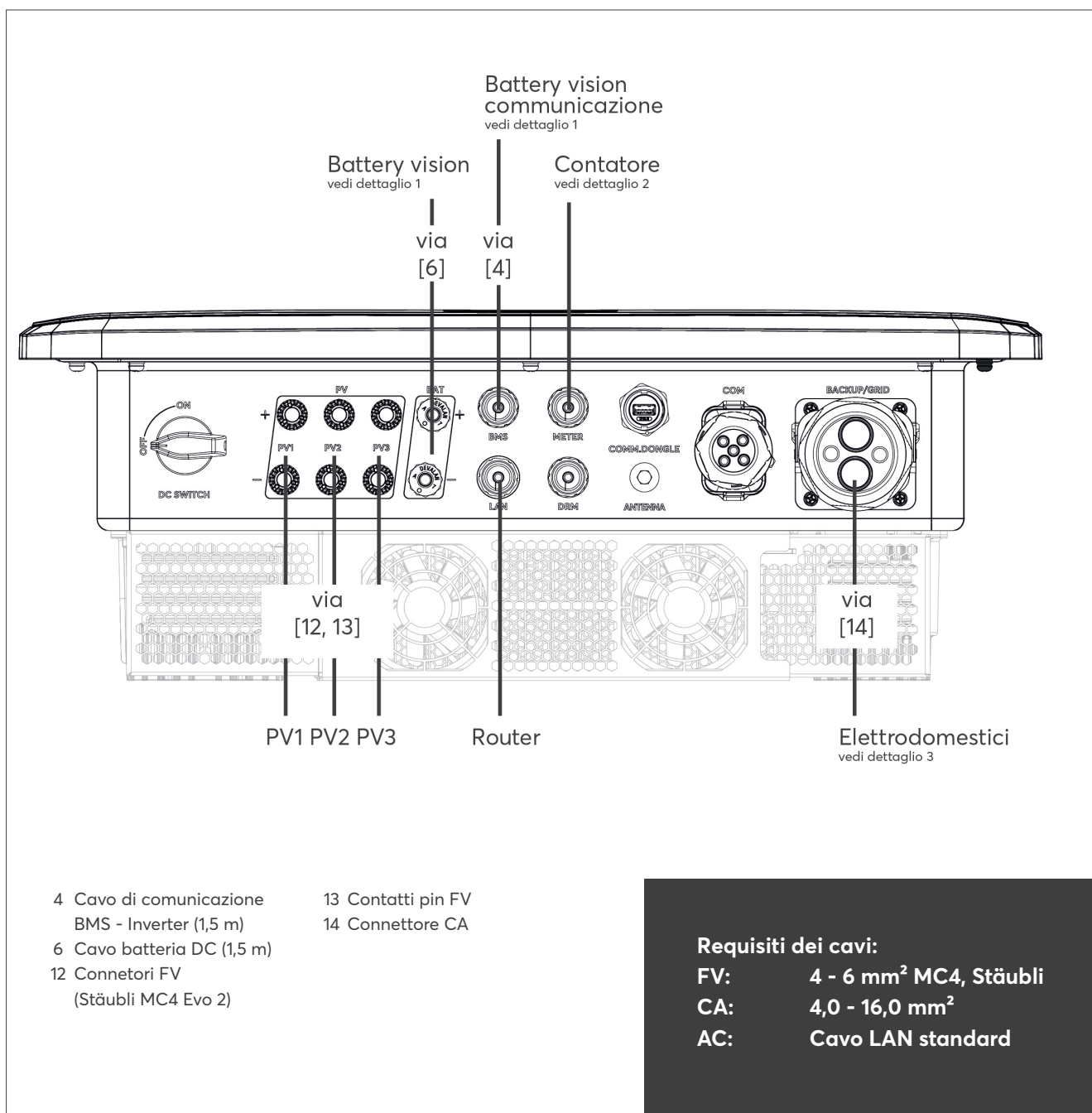
INVERTER MONTAGGIO E CABLAGGIO



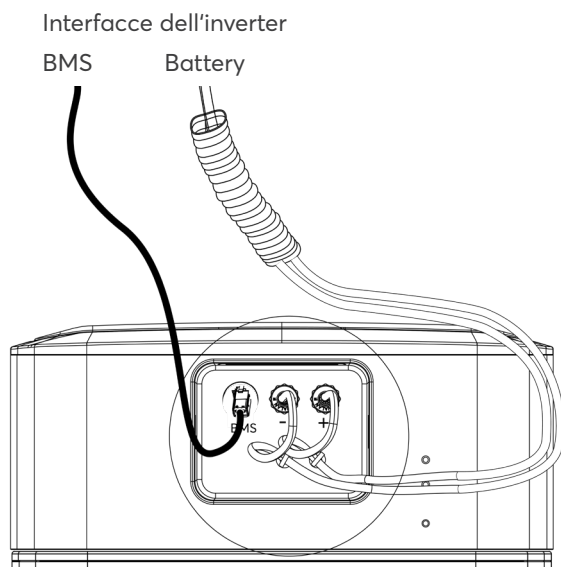
CONTATORE MONTAGGIO E CABLAGGIO



CABLAGGIO DELL'INVERTER

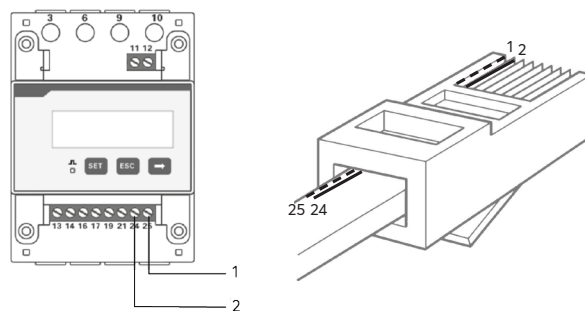


dettaglio 1



Collegare la batteria (6, 4)

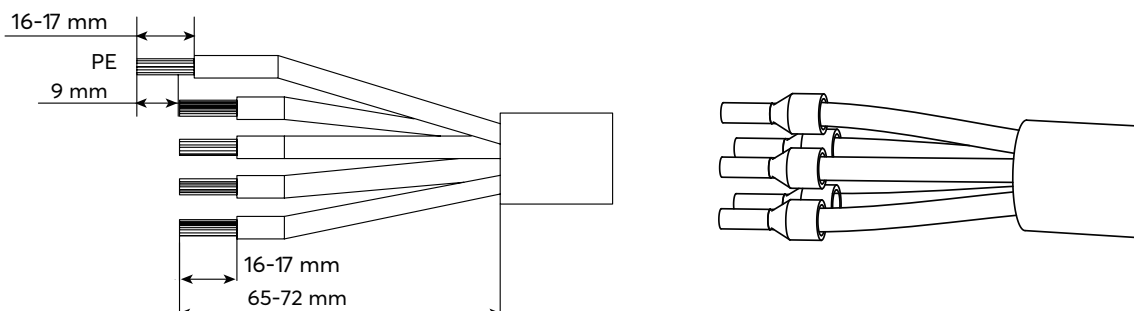
dettaglio 2



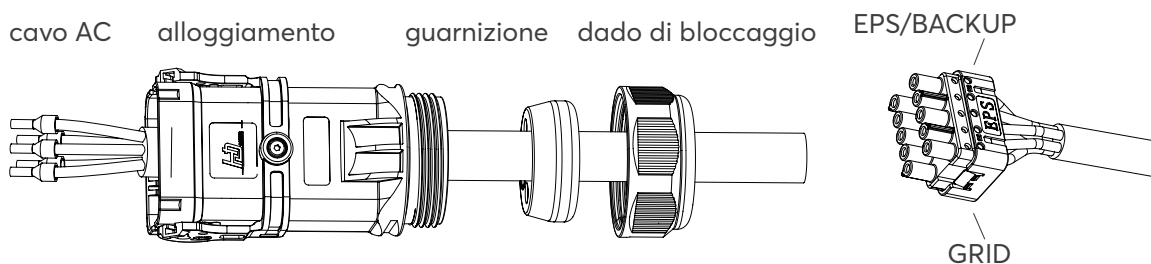
PIN del contatore	24	25
Pin del connettore RJ45 per l'inverter	2	1

Collegare il contatore

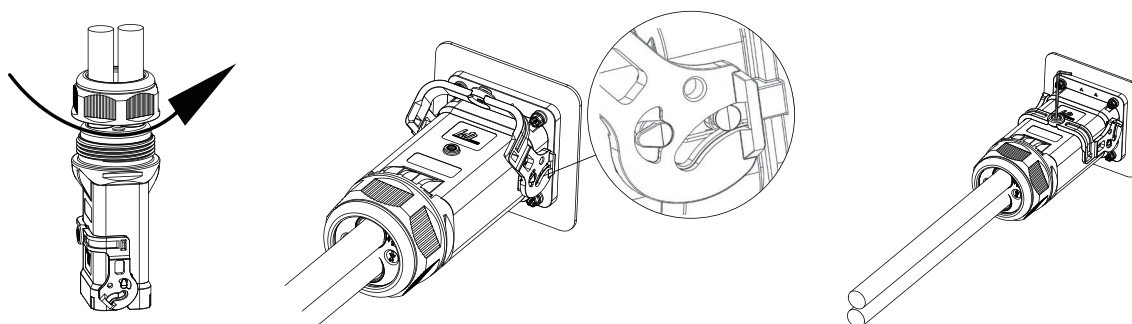
dettaglio3



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



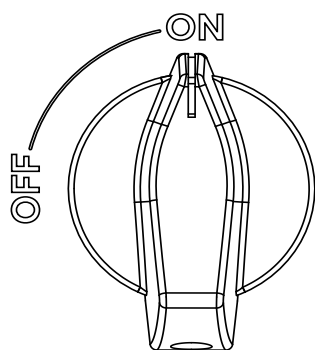
Far passare il cavo AC attraverso i componenti della spina AC
Collegare le estremità del cavo di collegamento alla rete e del cavo di backup in base alla designazione dei fili sulla spina



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

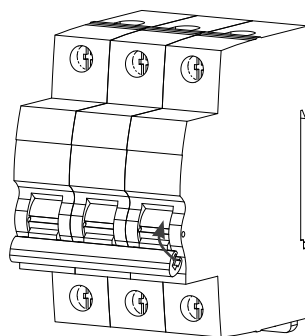
AVVIO DEL SISTEMA

1



Accendere l'interruttore DC dell'inverter

2



Accendere

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

3

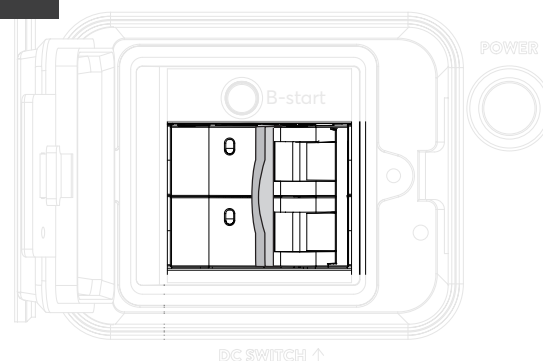


- impostare il codice della rete per la sicurezza della rete
- impostare l'ora

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

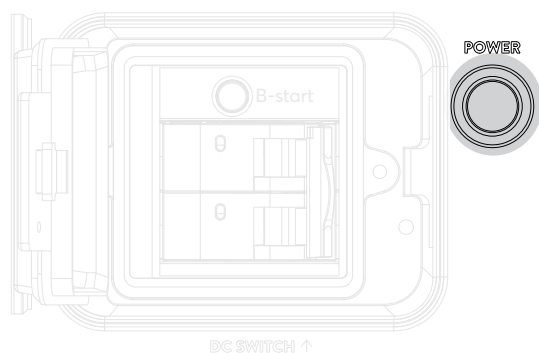
- selezionare START

4



Accendere l'interruttore DC della batteria (top pack)

5



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.

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

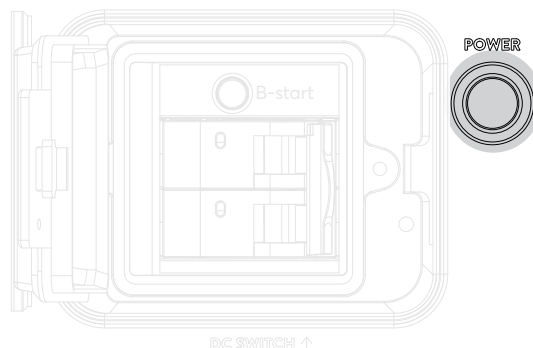
1



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

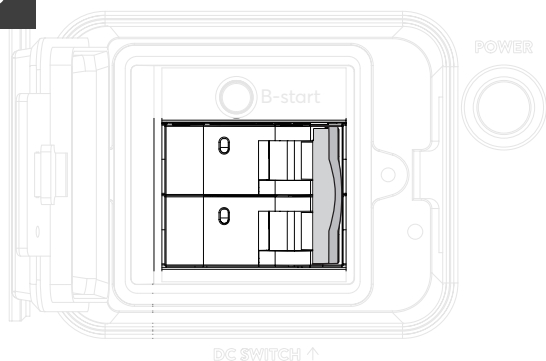
- selezionare STOP

2



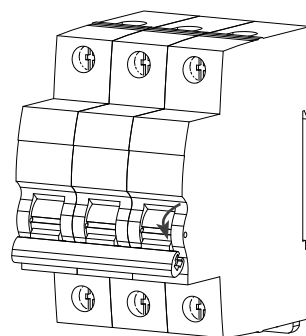
Premere il pulsante POWER (top pack)

3



Spegnere l'interruttore CC della batteria (top pack)

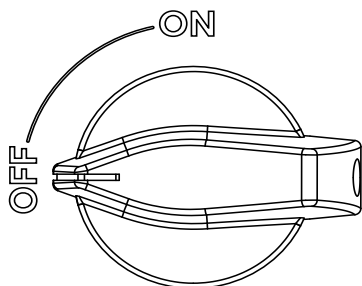
4



Spegnere

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

5

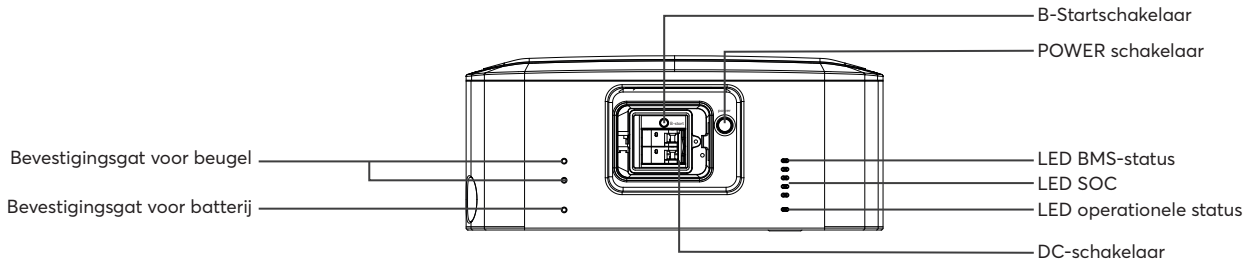


Disattivare l'interruttore CC dell'inverter

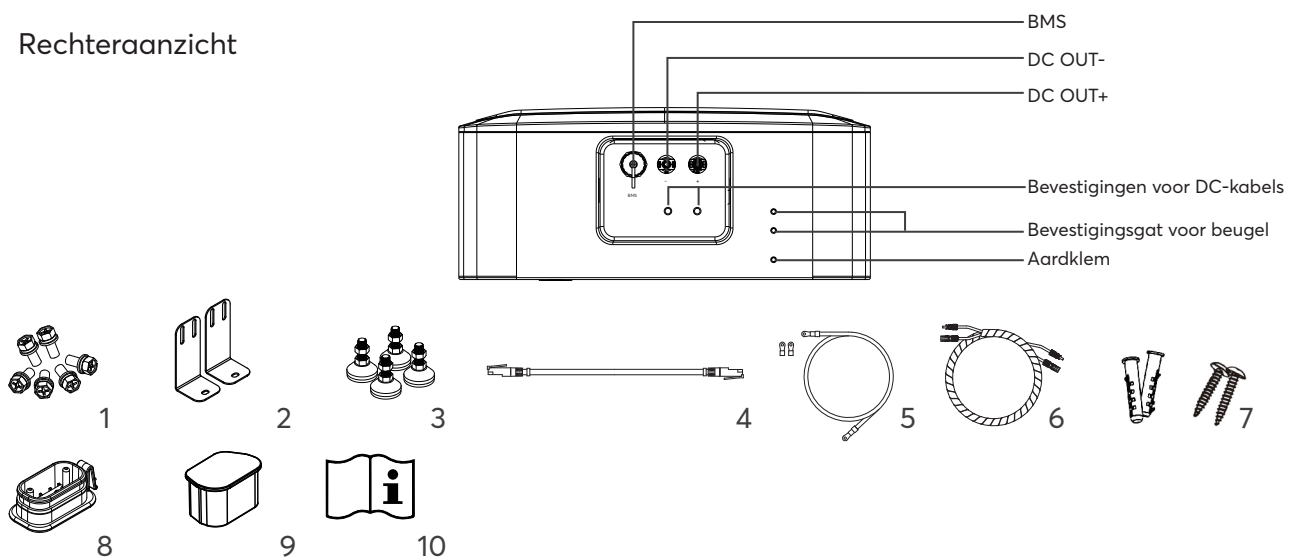
TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Battery vision top pack 1.0 (2.6 kWh)

Linkeraanzicht



Rechteraanzicht



1 Schroeven (M5) 2 voor pack bevestiging en 2 voor beugel bevestiging

2 Bevestigingsbeugels

3 Voetsteunen

4 Communicatiekabel

BMS - Omvormer (1,5 m)

5 Aardingskabel

(met 2 extra kabelschoenen)

6 DC kabel batterij (1,5 m)

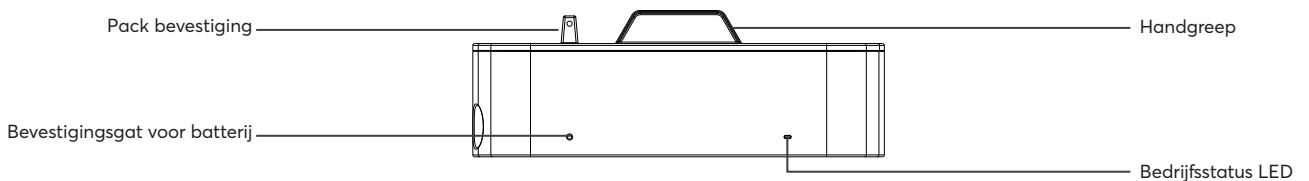
7 2 Schroeven voor muurbevestiging

8 Contrastekker

9 Beschermkap connector

10 Veiligheidsinstructies

Battery vision pack 1.0 (2.6 kWh)



21



22

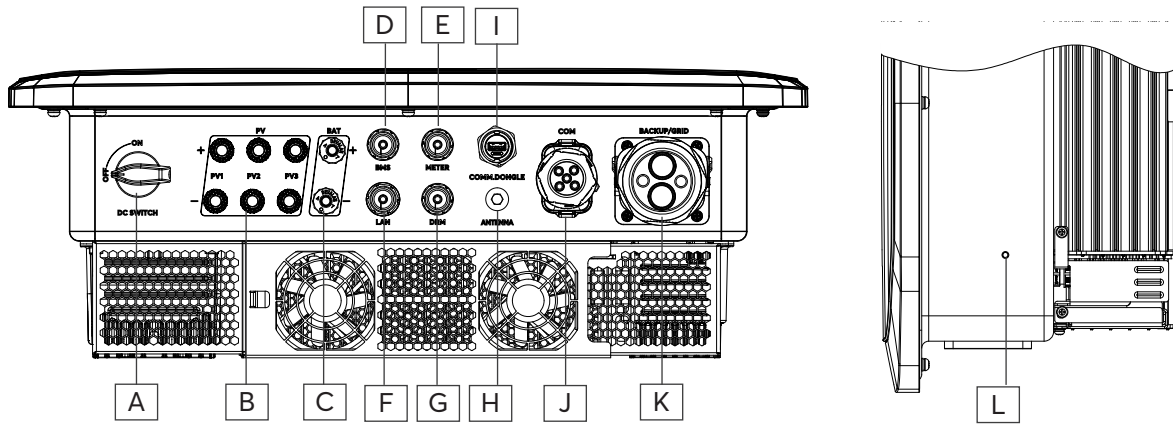
21 Schroeven (M5)

voor pack bevestiging

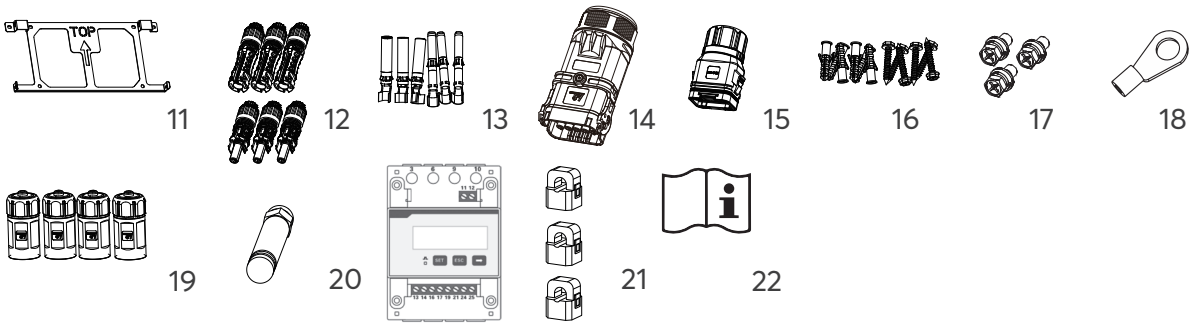
22 Veiligheidsinstructies

TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

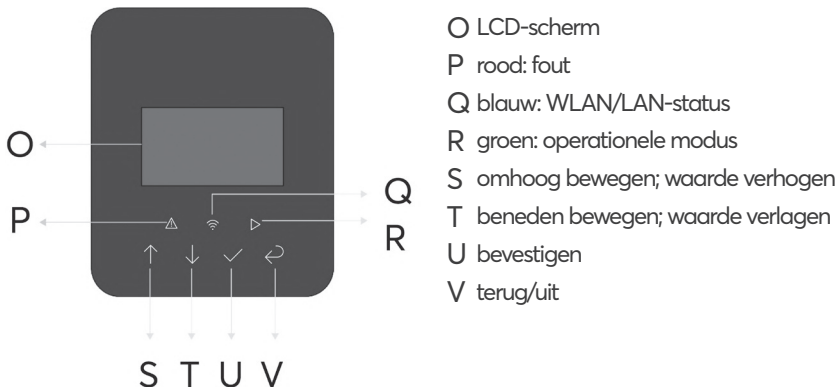
Inverter vision three 1.0



- | | | |
|---------------------|-----------|-----------------|
| 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 |

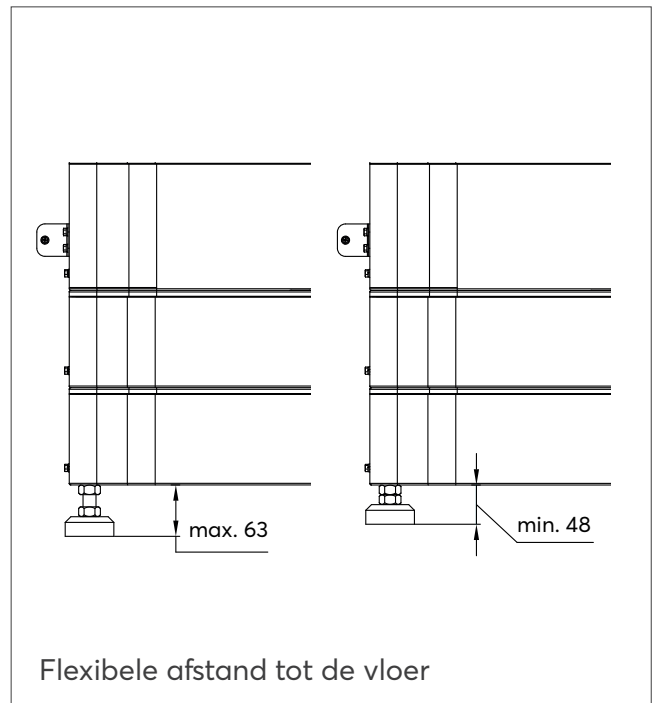
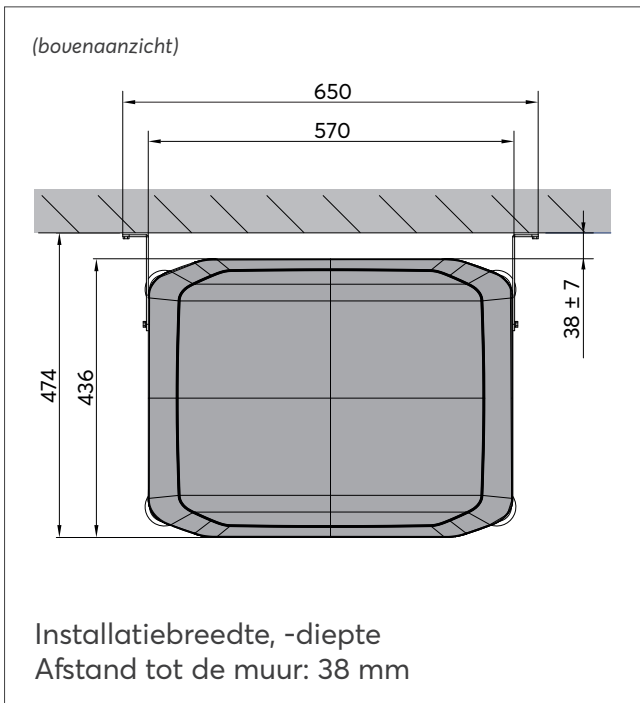
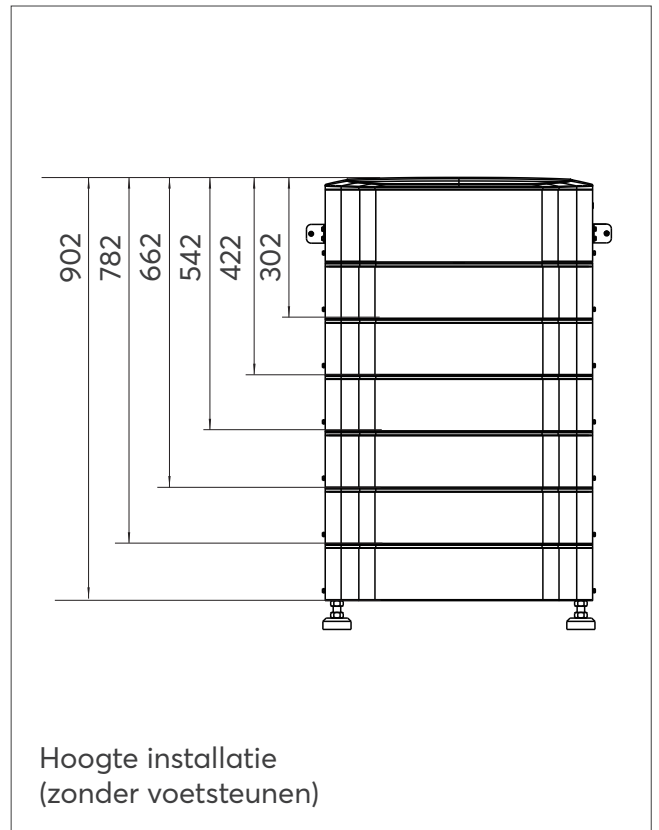
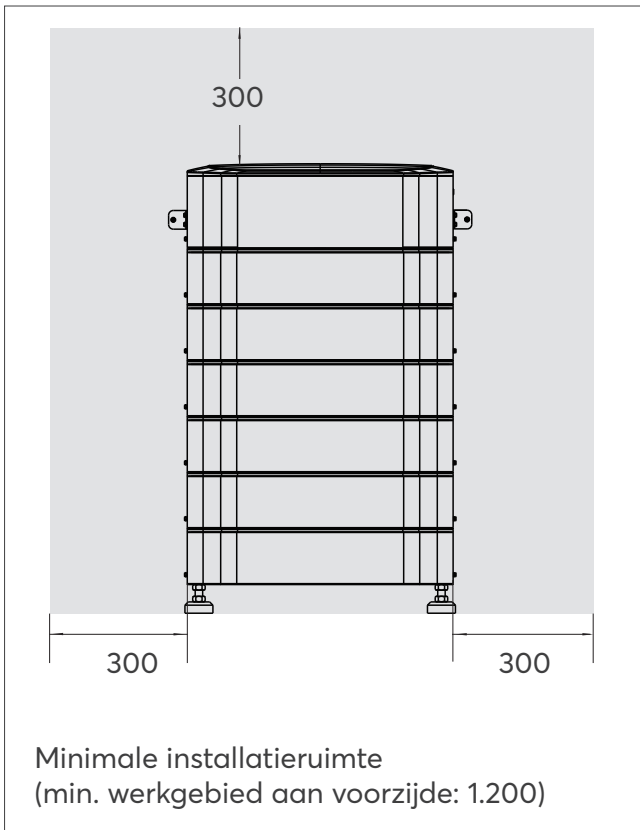


- O LCD-scherm
- P rood: fout
- Q blauw: WLAN/LAN-status
- R groen: operationele modus
- S omhoog bewegen; waarde verhogen
- T beneden bewegen; waarde verlagen
- U bevestigen
- V terug/uit

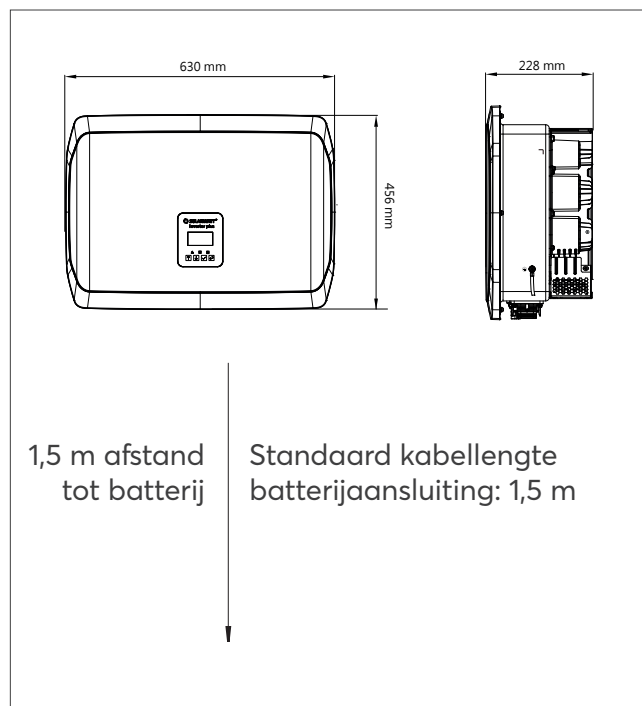
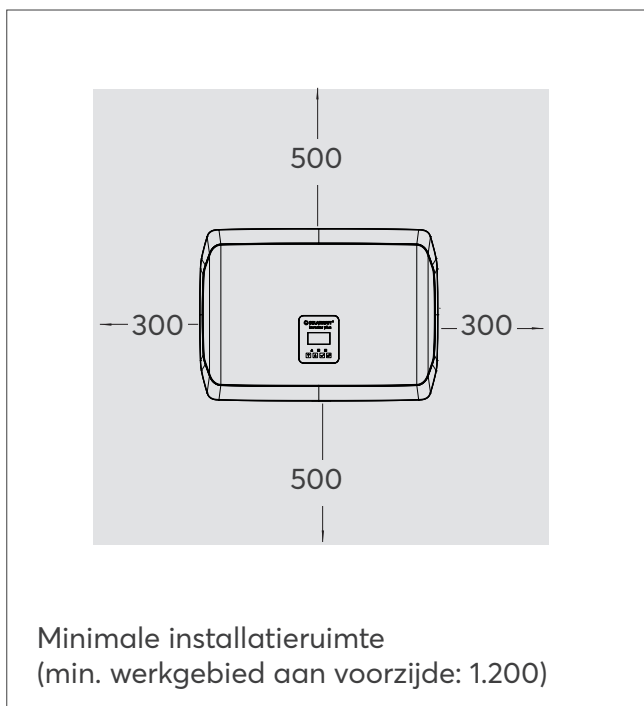
Extra apparatuur vereist:

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

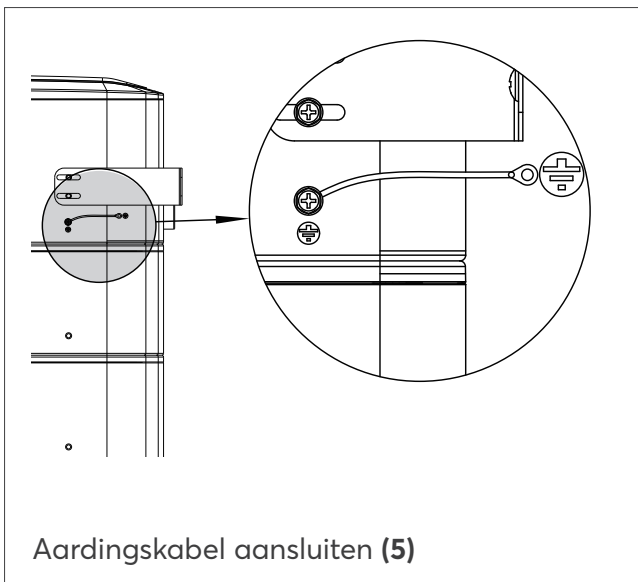
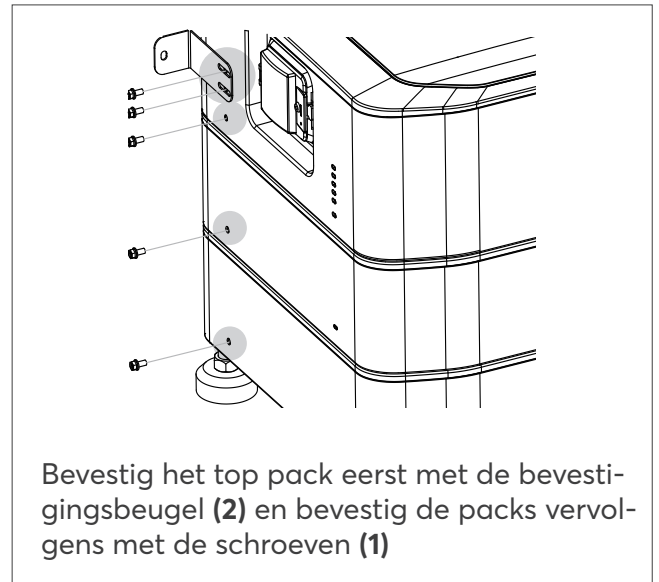
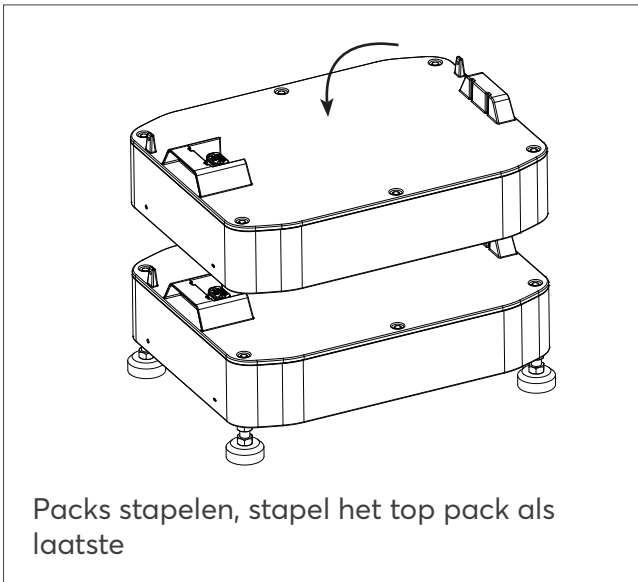
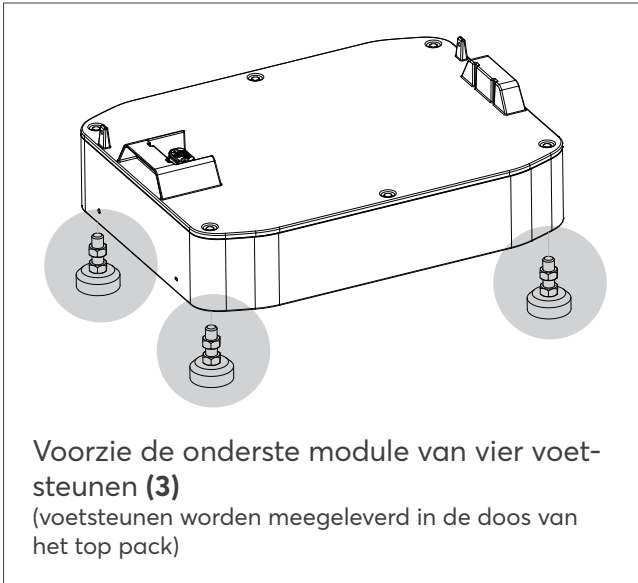
AFMETINGEN BATTERY VISION [MM]



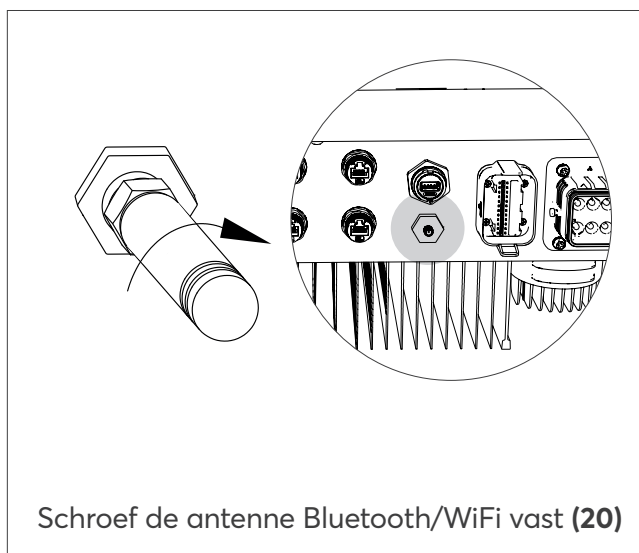
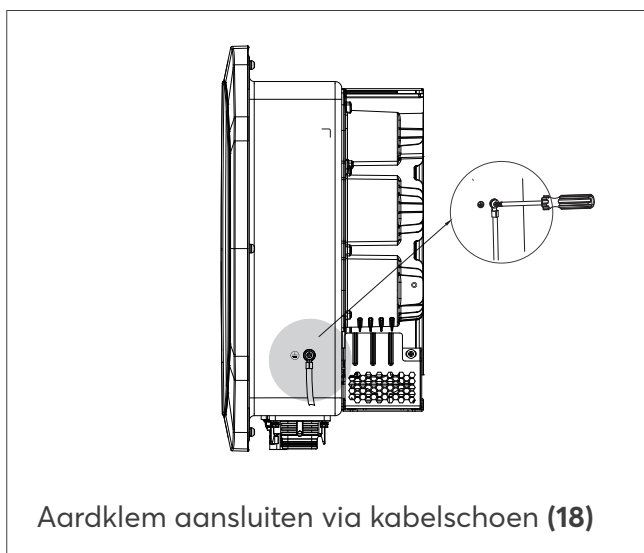
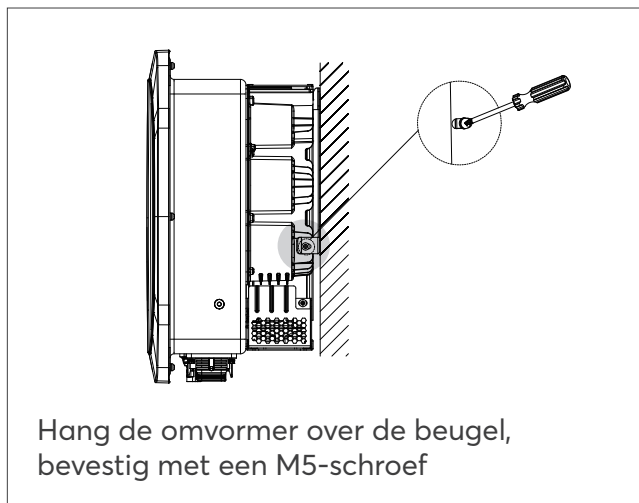
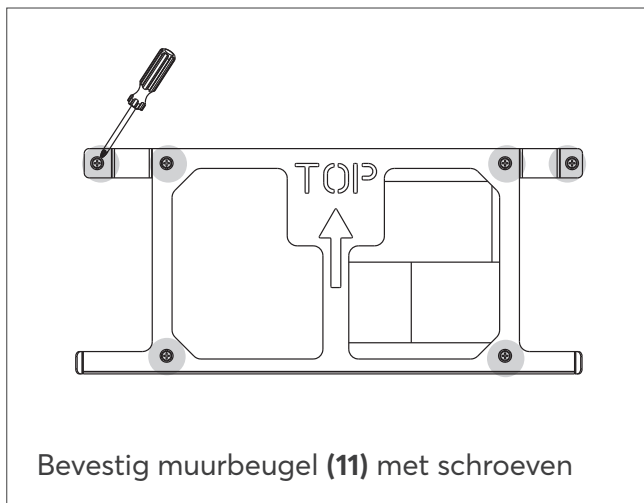
AFMETINGEN INVERTER VISION THREE [MM]



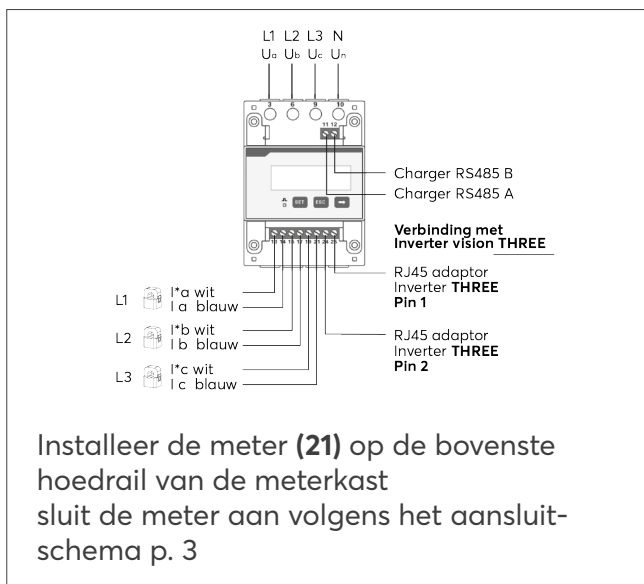
BATTERY PACKS MONTAGE EN BEDRADING



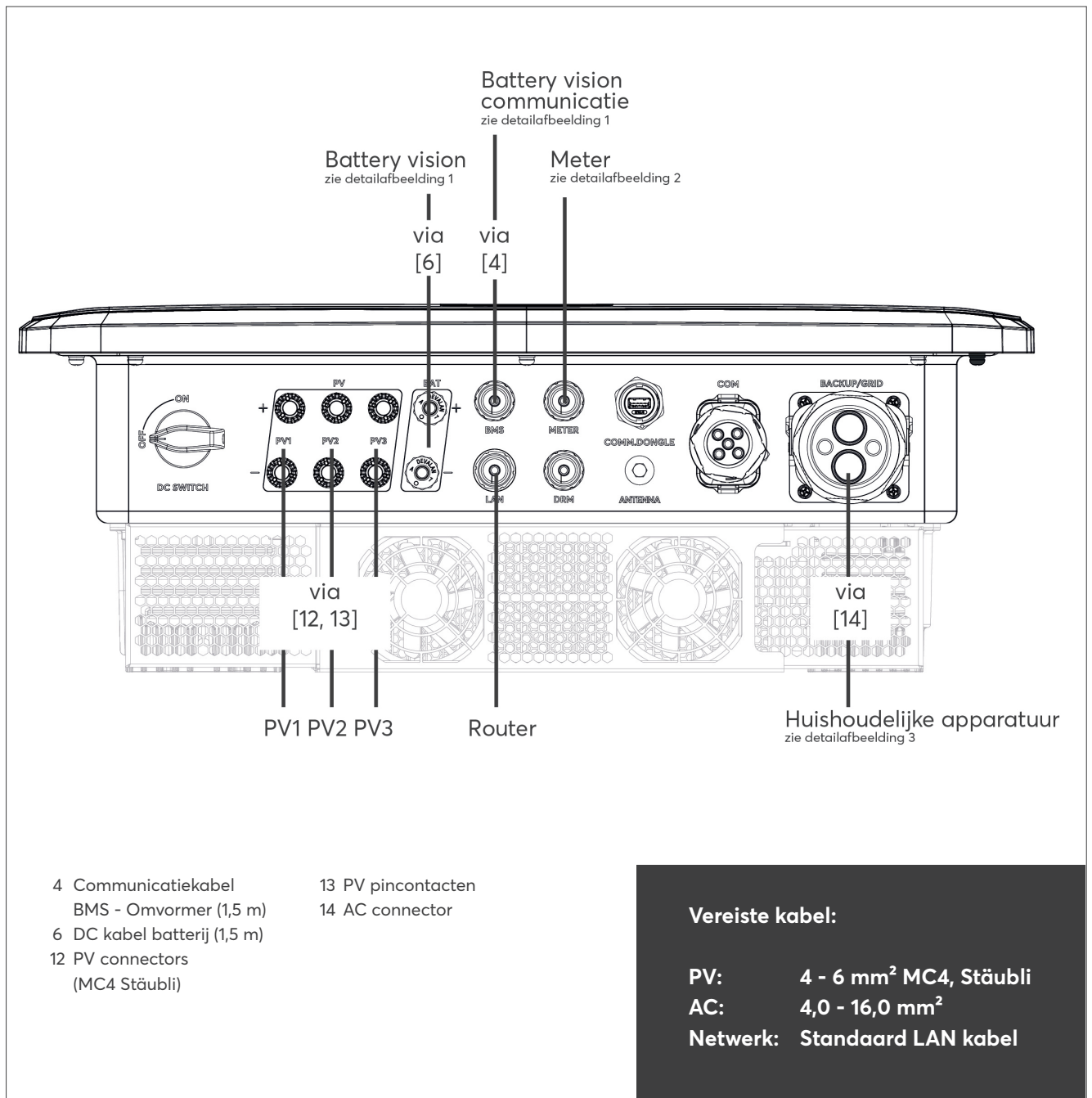
INVERTER MONTEREN EN BEDRADEN



METER MONTEREN EN BEDRADEN

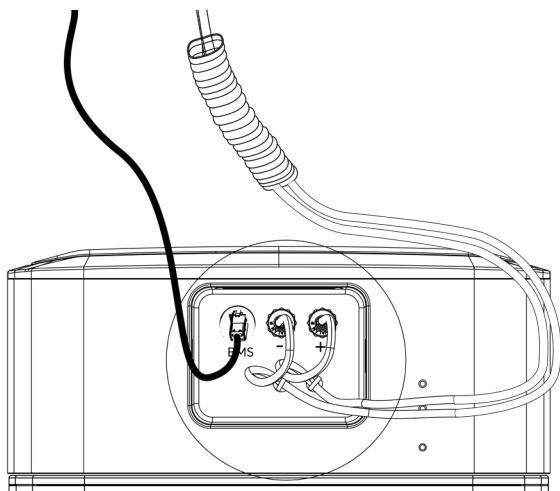


BEDRADING INVERTER



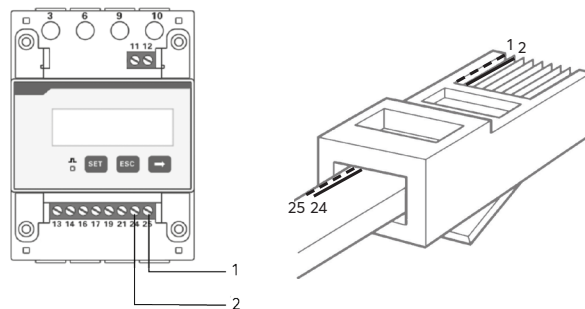
detail 1

Omvormerinterfaces
BMS Battery



Batterij aansluiten (6, 4)

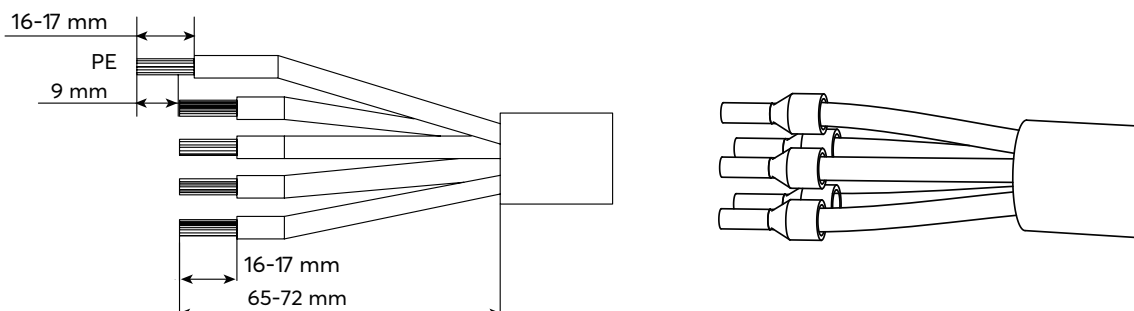
detail 2



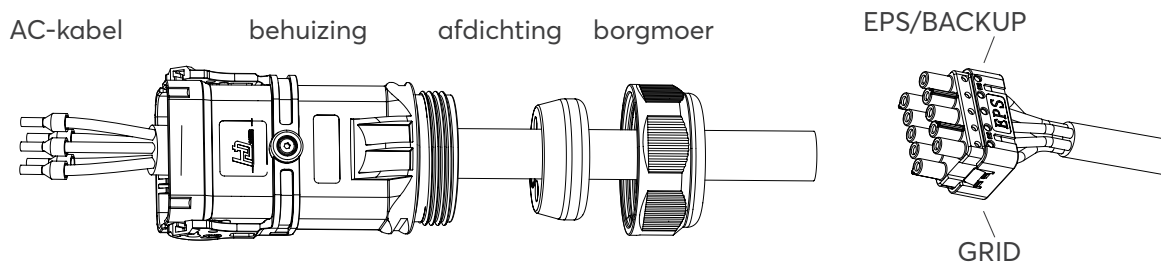
PIN van de meter	24	25
PIN RJ45-stekker voor de omvormer	2	1

Verbind meter

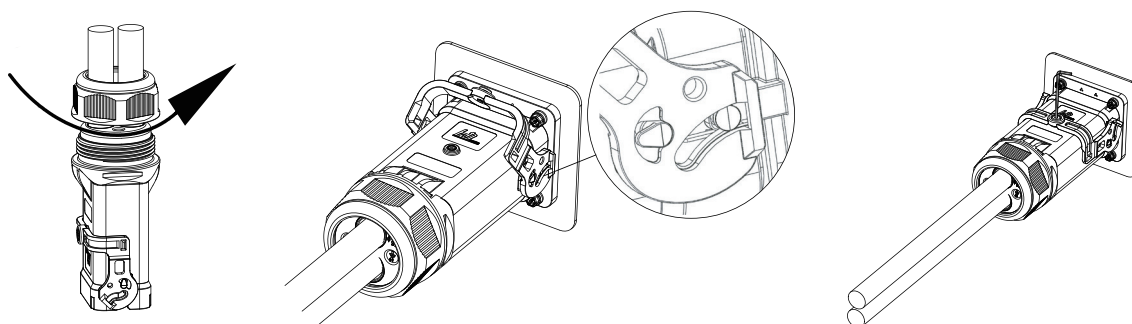
detail 3



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



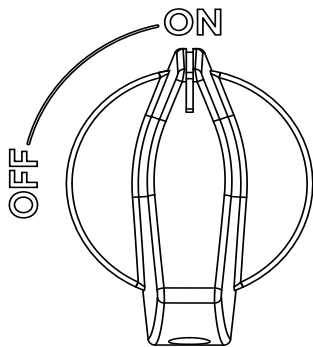
Voer de AC-kabel door de AC-stekkeronderdelen
Sluit de kabeleinden van de netvoedingskabel en de reservekabel aan volgens de draadaanduiding op de stekker



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

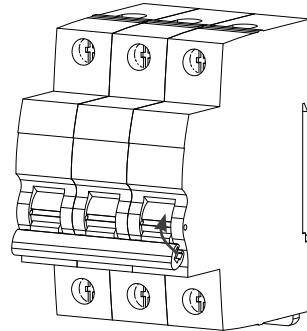
SYSTEEM OPSTARTEN

1



Draai de DC-schakelaar van de omvormer naar ON

2



Inschakelen:

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

3

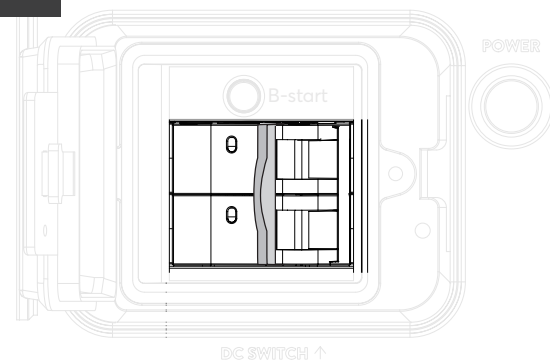


- gridcode instellen voor netveiligheid
- tijd instellen

Druk 3 sec. op de bevestigingsknop van de omvormer .

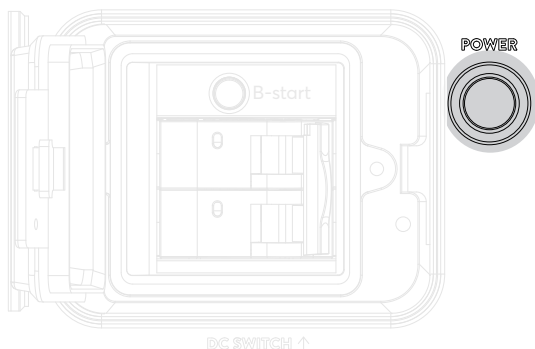
- selecteer START

4



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

5



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.

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

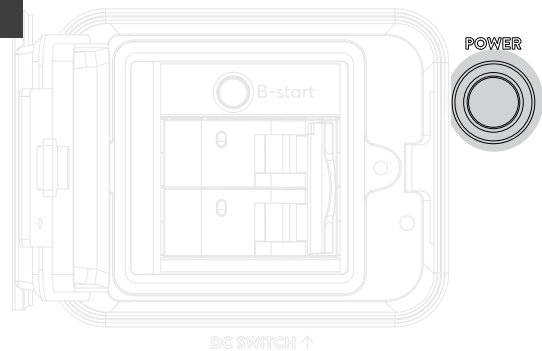
1



Druk 3 sec. op de bevestigingsknop van de omvormer .

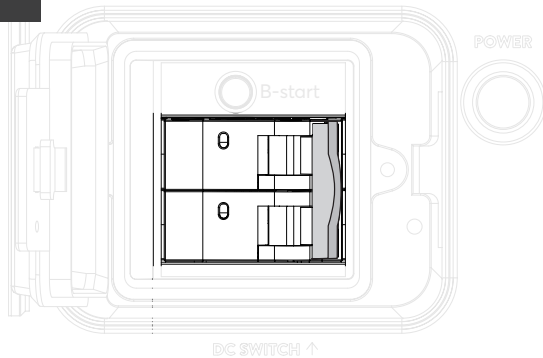
- STOP selecteren

2



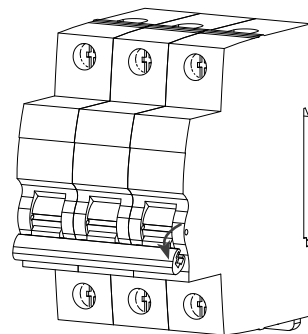
Druk op de POWER-knop van de accu (top pack)

3



Zet batterij DC schakelaar (top pack) op OFF

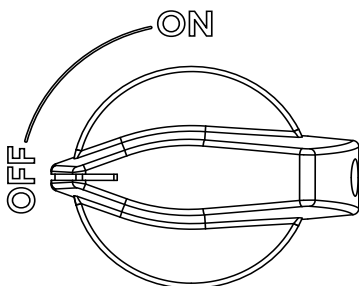
4



Uitschakelen

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

5

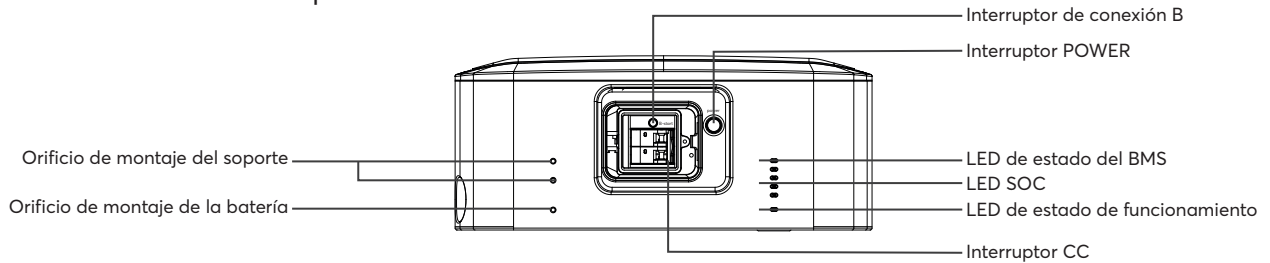


Draai de DC-schakelaar van de omvormer naar OFF

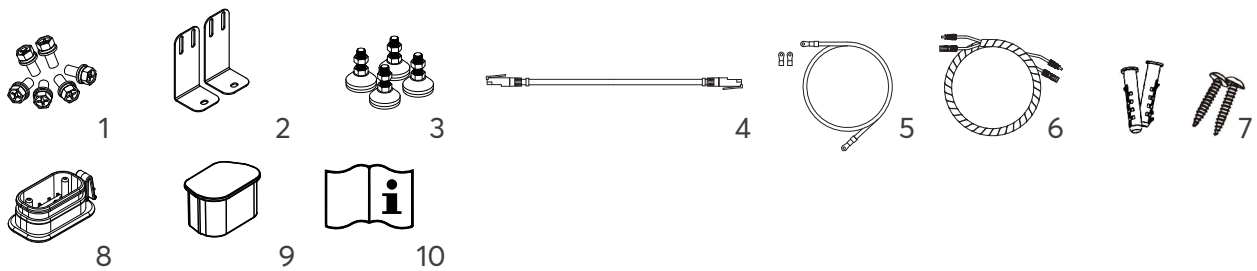
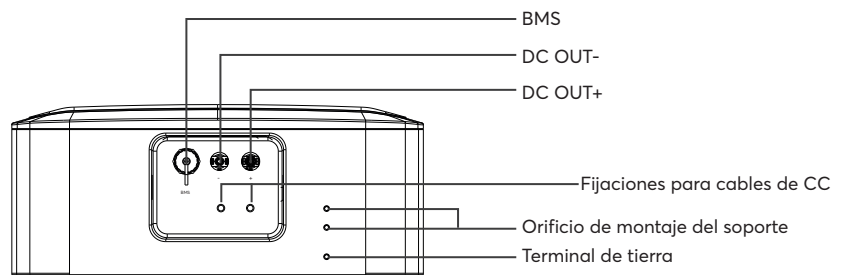
VISTA DEL DISPOSITIVO Y LISTAS DE COMPONENTES

Battery vision top pack 1.0 (2.6 kWh)

Vista desde el lado izquierdo



Vista desde el lado derecho



1 Tornillos (M5) 2 para fijación del pack y 2 para los soportes de anclaje

2 Soportes de anclaje

3 Pies/soporte

4 Cable de comunicación BMS - Inversor (1,5 m)

5 Cable Puesta a Tierra (con 2 abrazaderas adicionales)

6 Cable DC de batería (1,5 m)

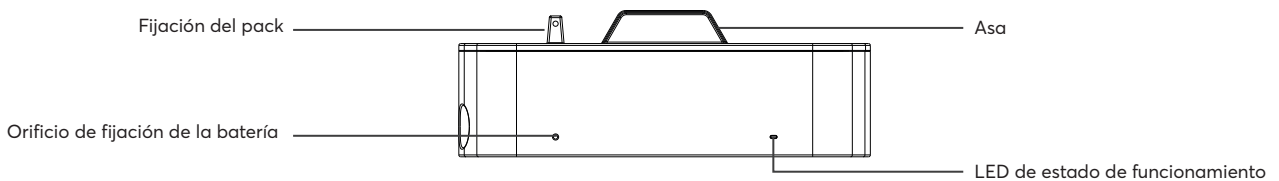
7 2 Tornillos para fijación en pared

8 Conector de puente

9 Cubierta de protección del conector

10 Instrucciones de seguridad

Battery vision pack 1.0 (2.6 kWh)



21



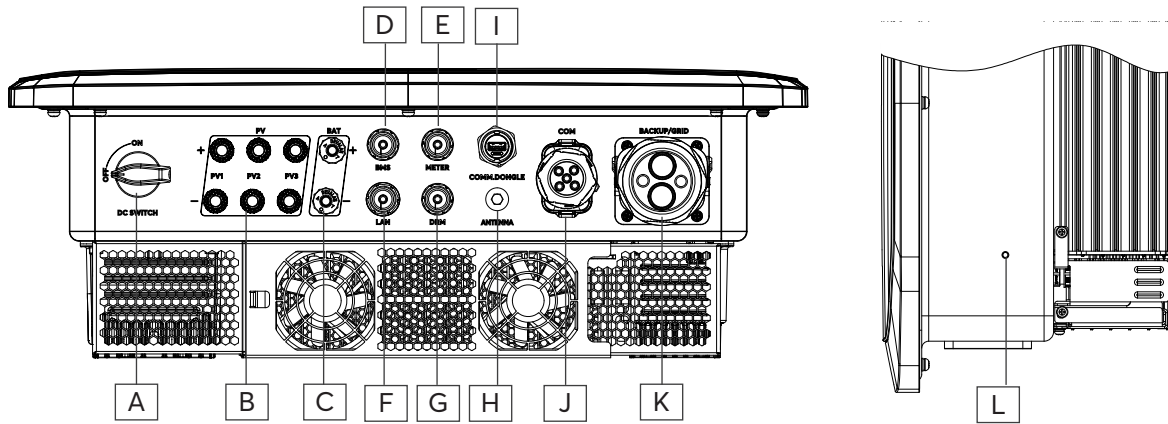
22

21 Tornillos (M5) para fijación de pack

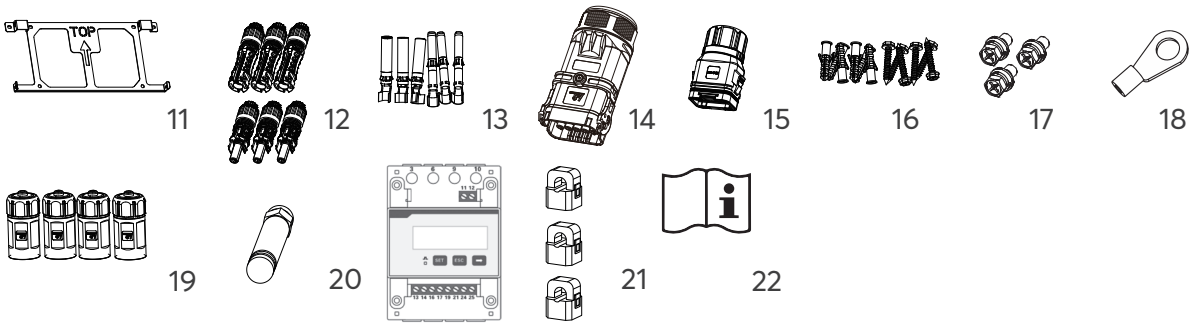
22 Instrucciones de seguridad

VISTA DEL DISPOSITIVO Y LISTAS DE COMPONENTES

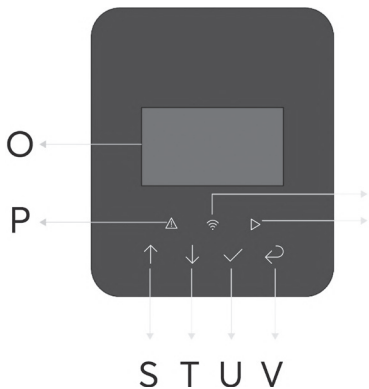
Inverter vision three 1.0



- | | | |
|-----------------------|----------|-------------------|
| A SECCIONADOR DC | E METER | I COMM. DONGLE |
| B FV 1, FV 2, FV3 | F LAN | J COM |
| C CONECTOR DE BATERÍA | G DRM | K BACKUP / GRID |
| D BMS | H ANTENA | L PUESTA A TIERRA |



- | | | |
|---|---|--|
| 11 Soporte de anclaje | 15 Conector de comunicación (opcionalmente aplicable) | 19 Adaptadores Ethernet para exteriores |
| 12 Cubierta conectores FV (MC4 Stäubli) | 16 Tornillos y tacos (fijación mural) | 20 Antena |
| 13 Pines conectores FV | 17 Tornillos (fijación inversor) | 21 Meter con CT clamps |
| 14 Conector AC | 18 Terminal para cable de tierra | 22 Guía rápida de instalación Instrucciones de seguridad |

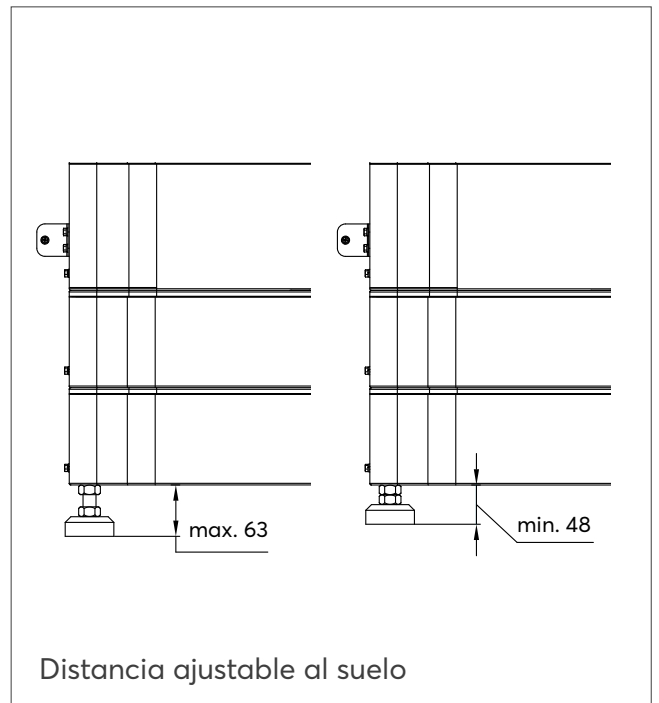
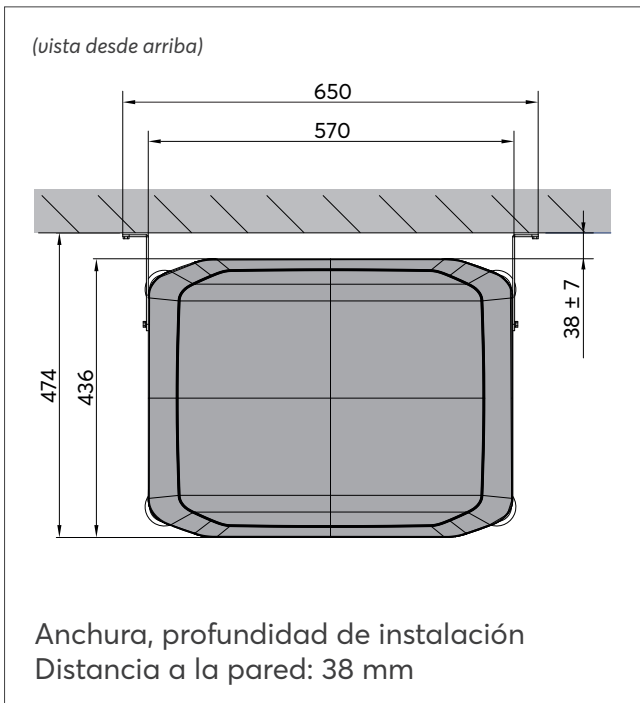
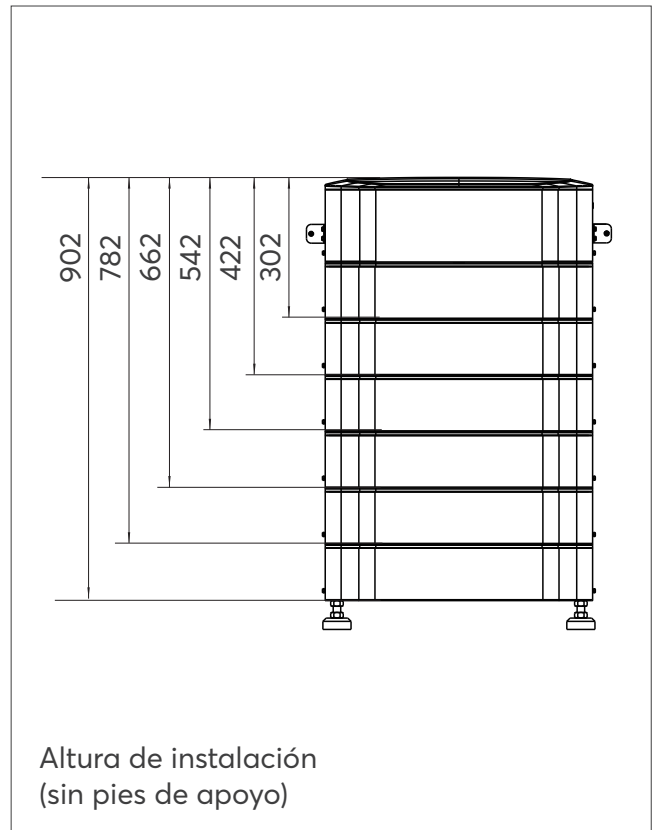
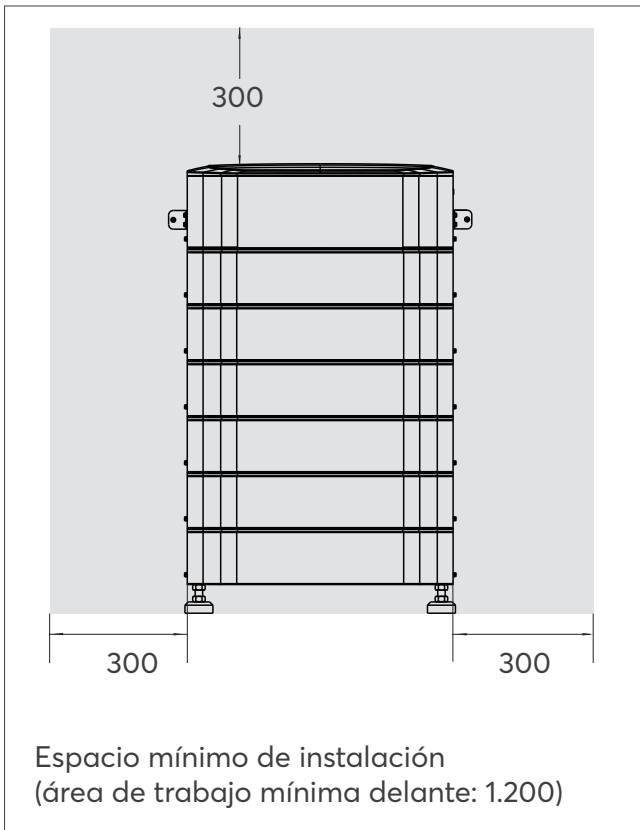


- | |
|----------------------------|
| O Display LC |
| P rojo: fallo |
| Q azul: estado de WLAN/LAN |
| R verde: en funcionamiento |
| S up: incrementar valor |
| T down: decrementar valor |
| U confirmar |
| V retroceder/salida |

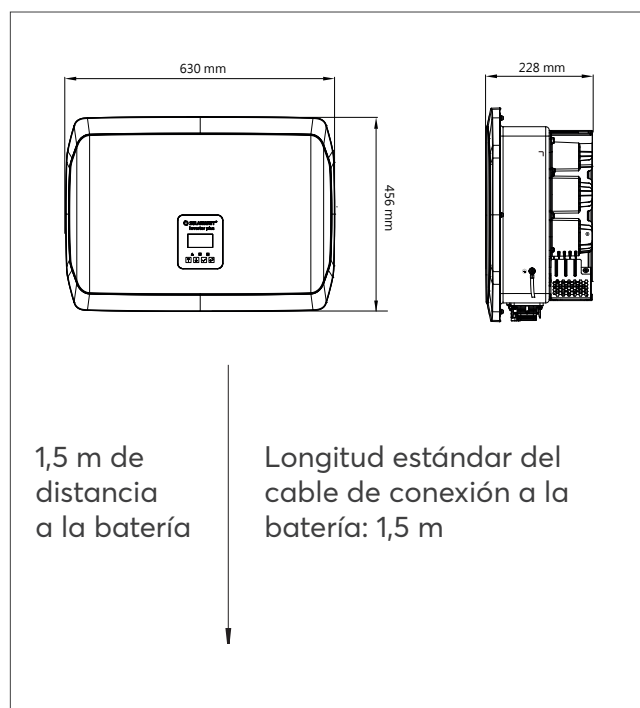
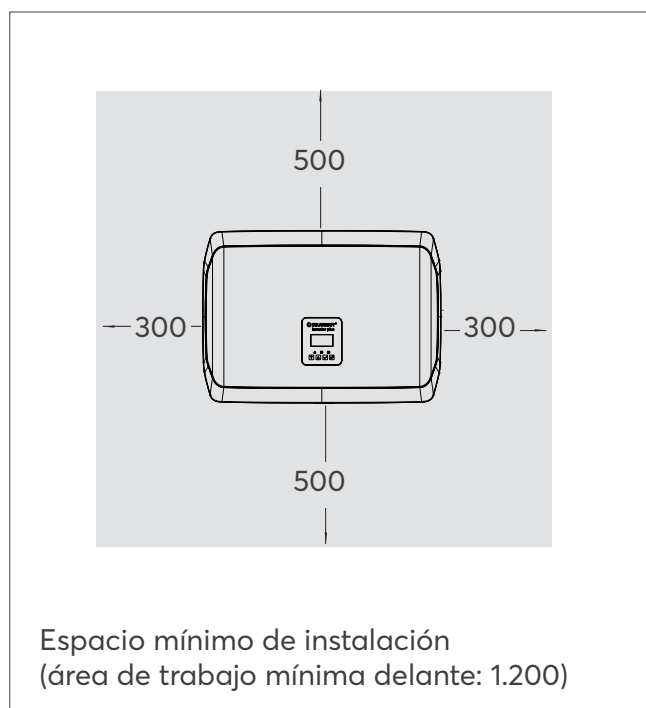
Equipo adicional necesario:

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

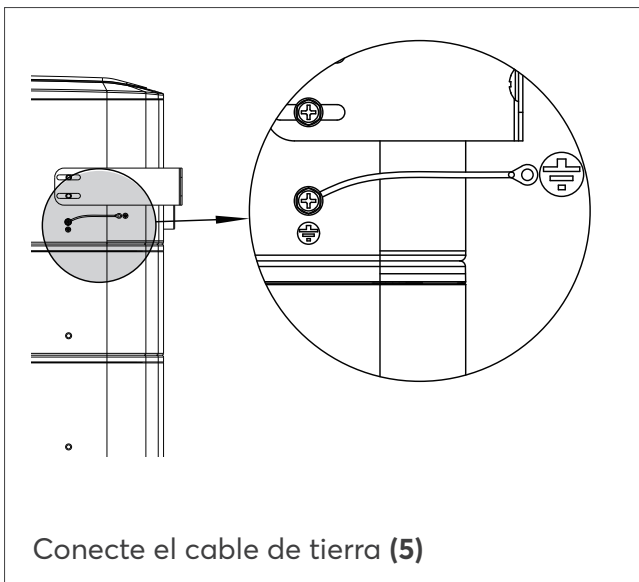
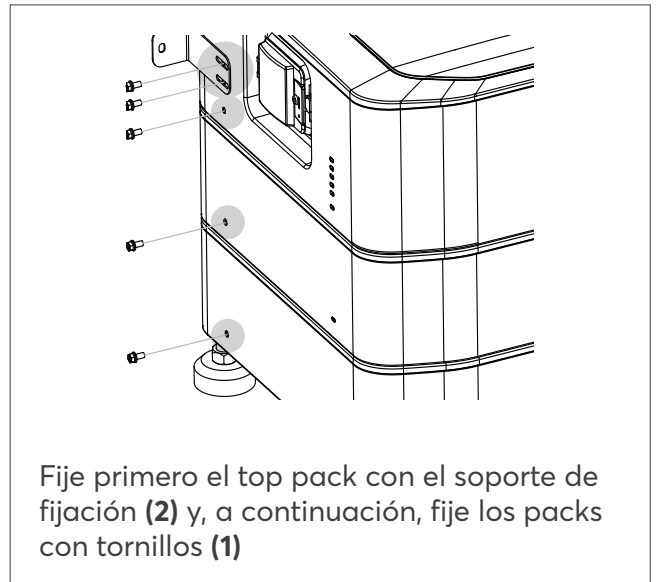
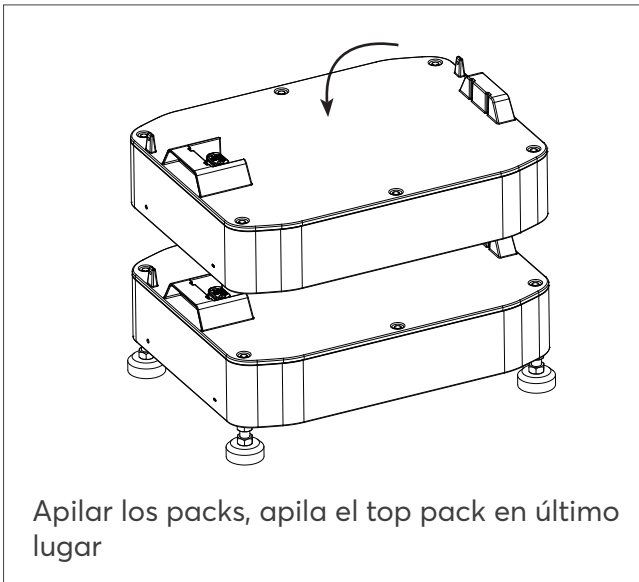
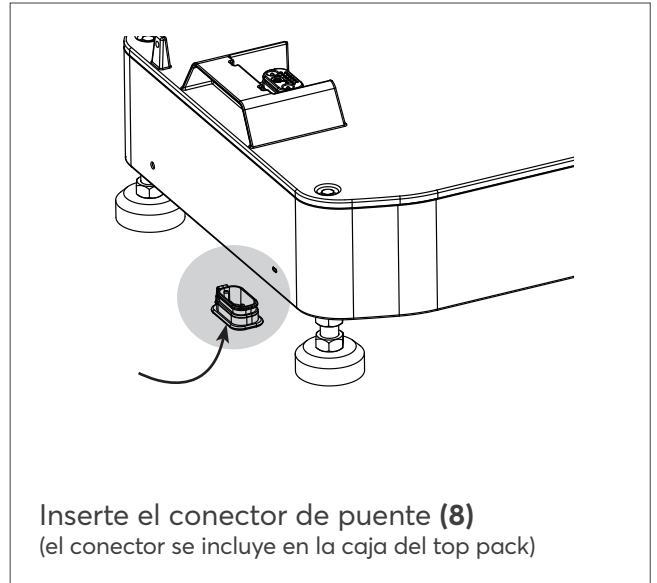
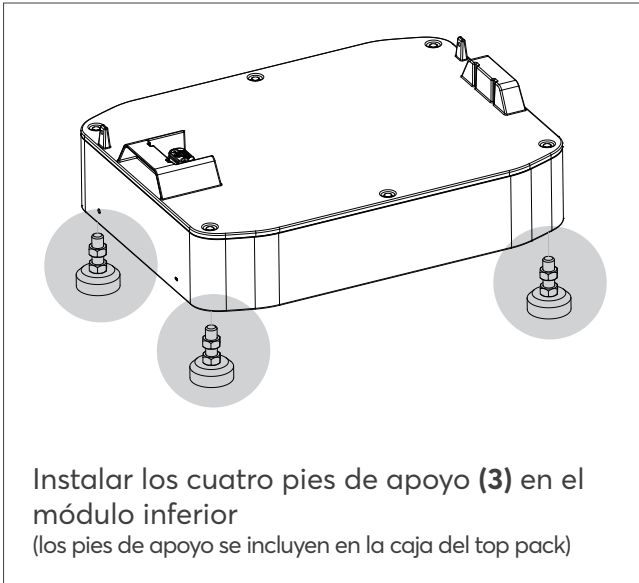
DIMENSIONES BATTERY VISION [MM]



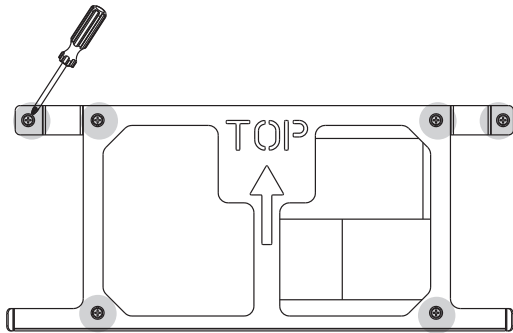
DIMENSIONES INVERTER VISION THREE [MM]



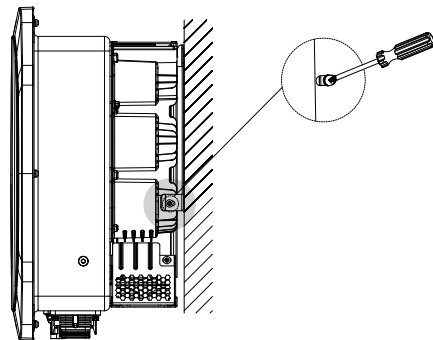
MONTAJE Y CABLEADO DE BATTERY PACKS



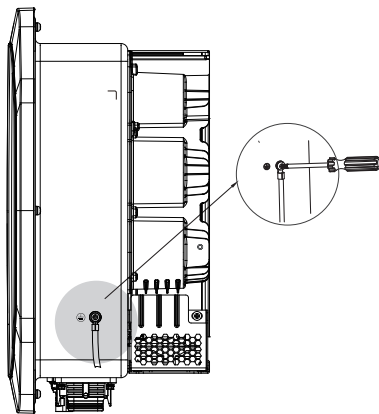
MONTAJE Y CABLEADO DEL INVERSOR



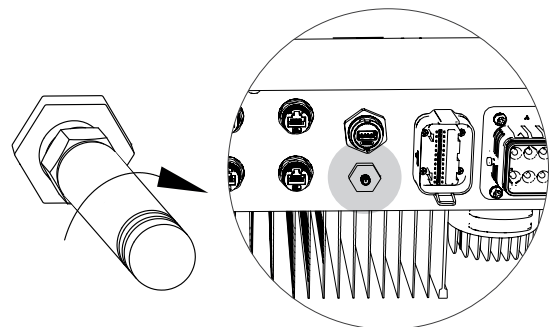
Fije el soporte de pared (11) con tornillos



Cuelgue el inversor sobre el soporte y fíjelo con un tornillo M5.

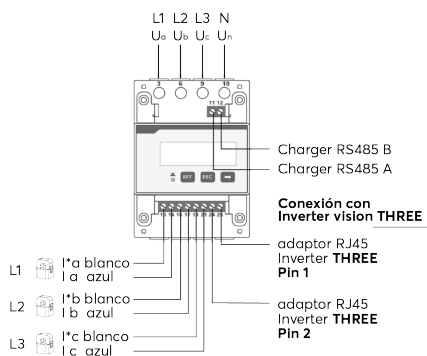


Conecte el terminal de tierra mediante el terminal de cable (18)



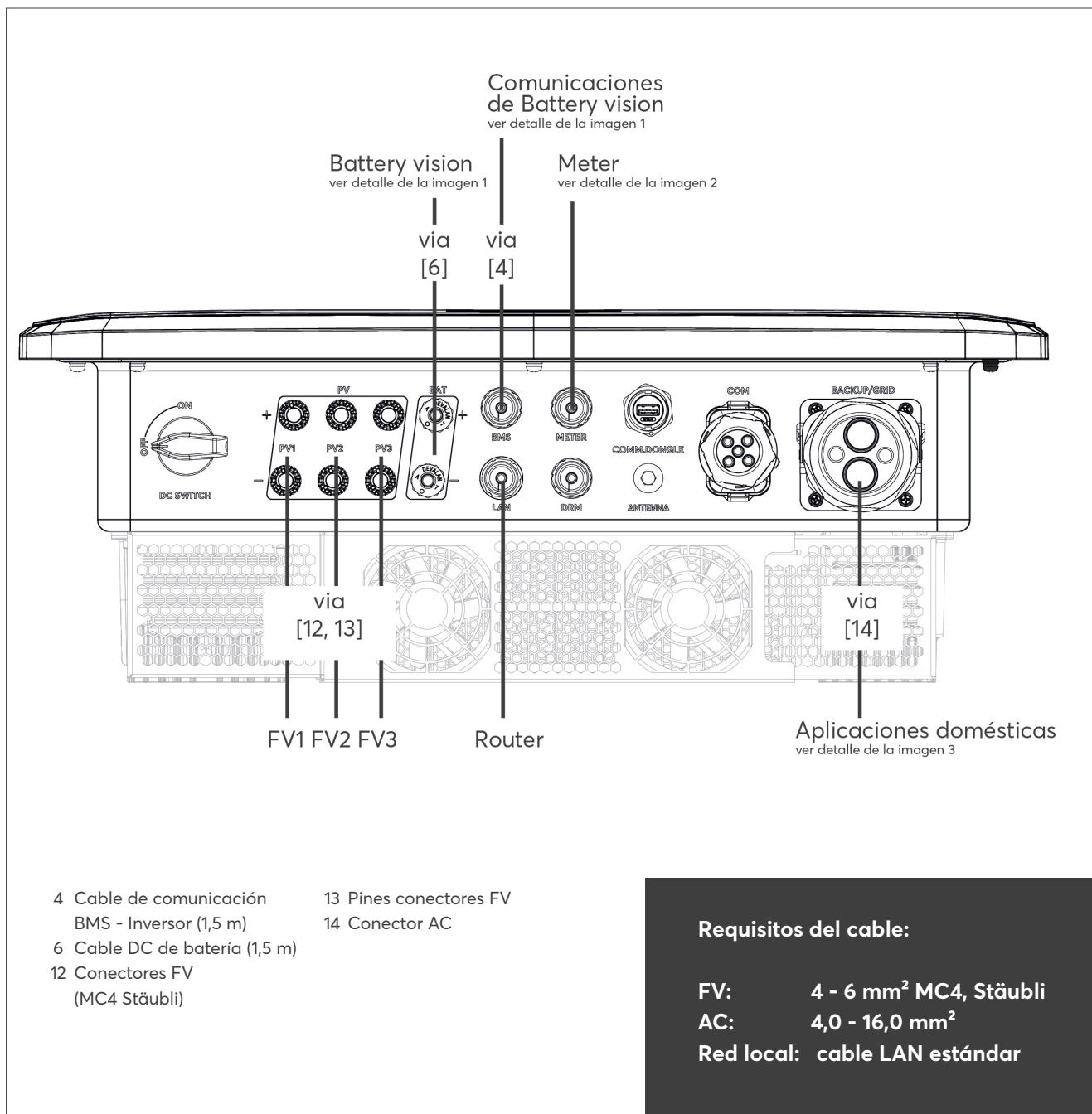
Atornillar la antena Bluetooth/WiFi (20)

MONTAJE Y CABLEADO DEL METER



Monte el meter (21) en el riel superior del armario doméstico
 Conecte el meter según el esquema eléctrico de la página 3

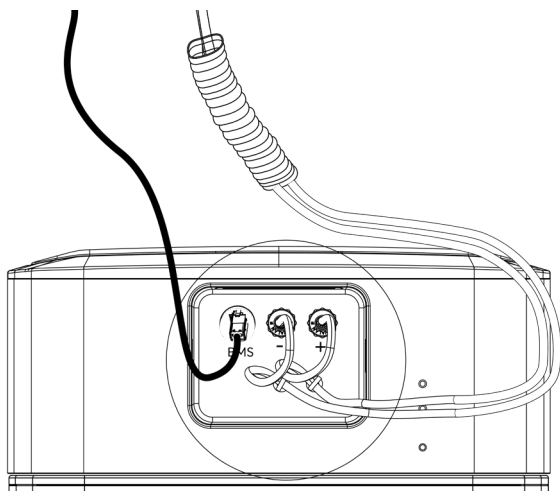
CONEXIONES DEL INVERSOR



MONTAJE Y CABLEADO DEL INVERSOR

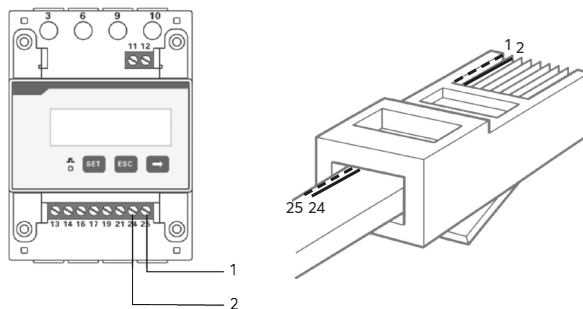
detalle 1

Interfaces del inversor
BMS Battery



Conectar batería (6, 4)

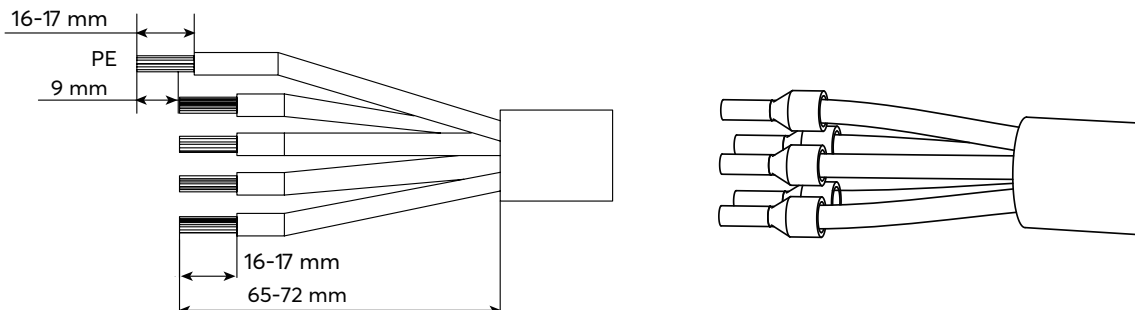
detalle 2



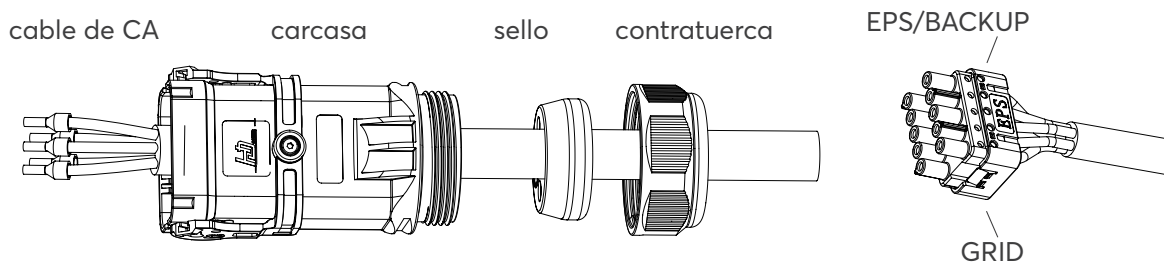
PIN meter	24	25
Enchufe PIN RJ 45 para el inversor	2	1

Conectar el meter

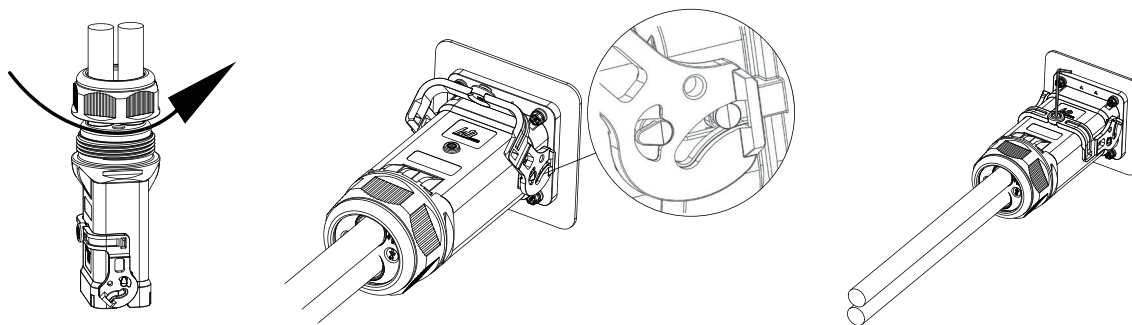
detalle 3



Pele el cable, pele el aislamiento y engarce los terminales en los cables



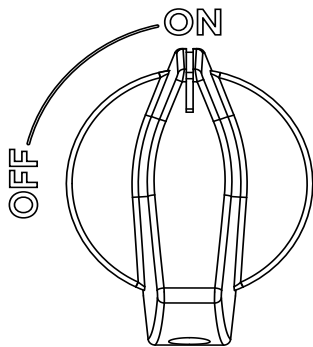
Introduzca el cable de CA por los componentes del enchufe de CA. Conecte los terminales de los cables de red y backup de acuerdo a las indicaciones de la clavija.



Apriete la contratuerca. Conecte el cable de AC en el puerto de "BACK UP/GRID". Ponga el clip de seguridad. Fije el clip de seguridad.

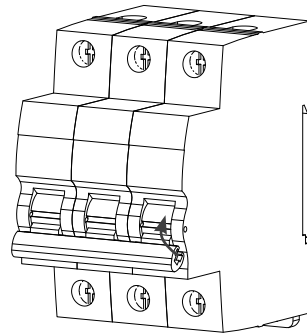
PUESTA EN MARCHA DEL SISTEMA

1



Conecte el seccionador CC del inversor (ON)

2



Conecte:

- Interruptor de CA Red
- Interruptor de CA de back-up (si procede)

3

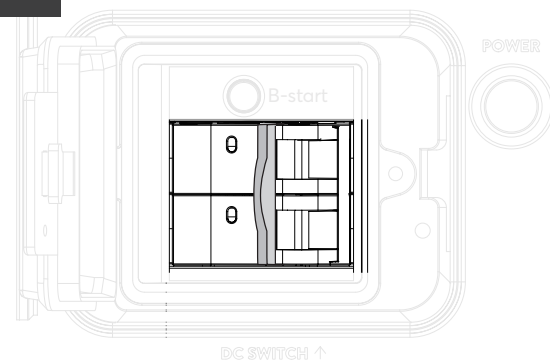


- establecer el código de red para la seguridad de la red
- ajuste hora

Pulse el botón de confirmación del inversor durante 3 seg.

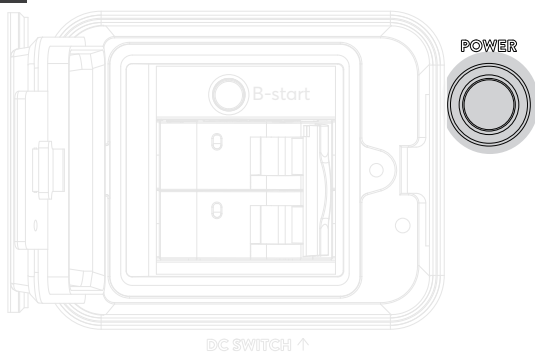
- seleccione START

4



Conecte el seccionador de CC de la batería (top pack)

5



Pulse el botón POWER de la batería (top pack)

No necesita una contraseña del inversor para la instalación inicial. Para los ajustes posteriores, la contraseña es 0000.

CONEXIÓN CON LA APLICACIÓN SOLARWATT PRO APP



Descarga la aplicación SOLARWATT Pro app e inicia sesión con tu cuenta SOLARWATT Pro

Funciones de puesta en marcha de SOLARWATT Pro app:

Inverter vision

- Posibilidad de conectar el dispositivo vía WiFi
- Autocomprobación CEI 0-21 (Italia)
- Configurar Cos φ

Charger vision

- Hacer el devive conectable a través de WiFi
- Autorización RFID
- Configurar la corriente de carga máxima (A)
- Configurar la gestión de la carga (en preparación)

Detectar y conectar el ondulador a través de la aplicación SOLARWATT Pro app para utilizar estas funciones

APAGADO DEL SISTEMA

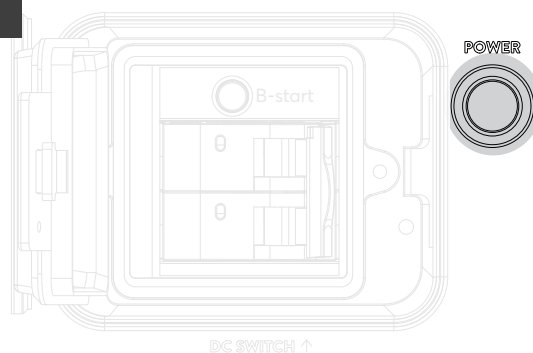
1



Pulse el botón de CONFIRMACIÓN del inversor durante 3 seg.

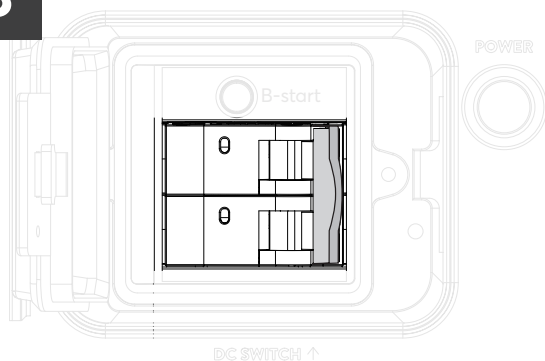
- seleccione STOP

2



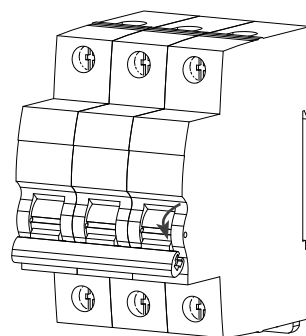
Pulse el botón POWER de la batería (top pack)

3



Gire el seccionador CC de la batería (top pack) a OFF

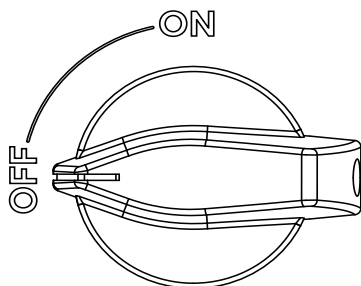
4



Desconecte

- Interruptor de CA Red
- Interruptor de CA Back-up (si procede)

5



Desconecte el seccionador CC del inversor (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.**

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

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35129 Padova

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

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**¿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

