

Battery vision 1.0 / 2.0

Inverter vision one 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.



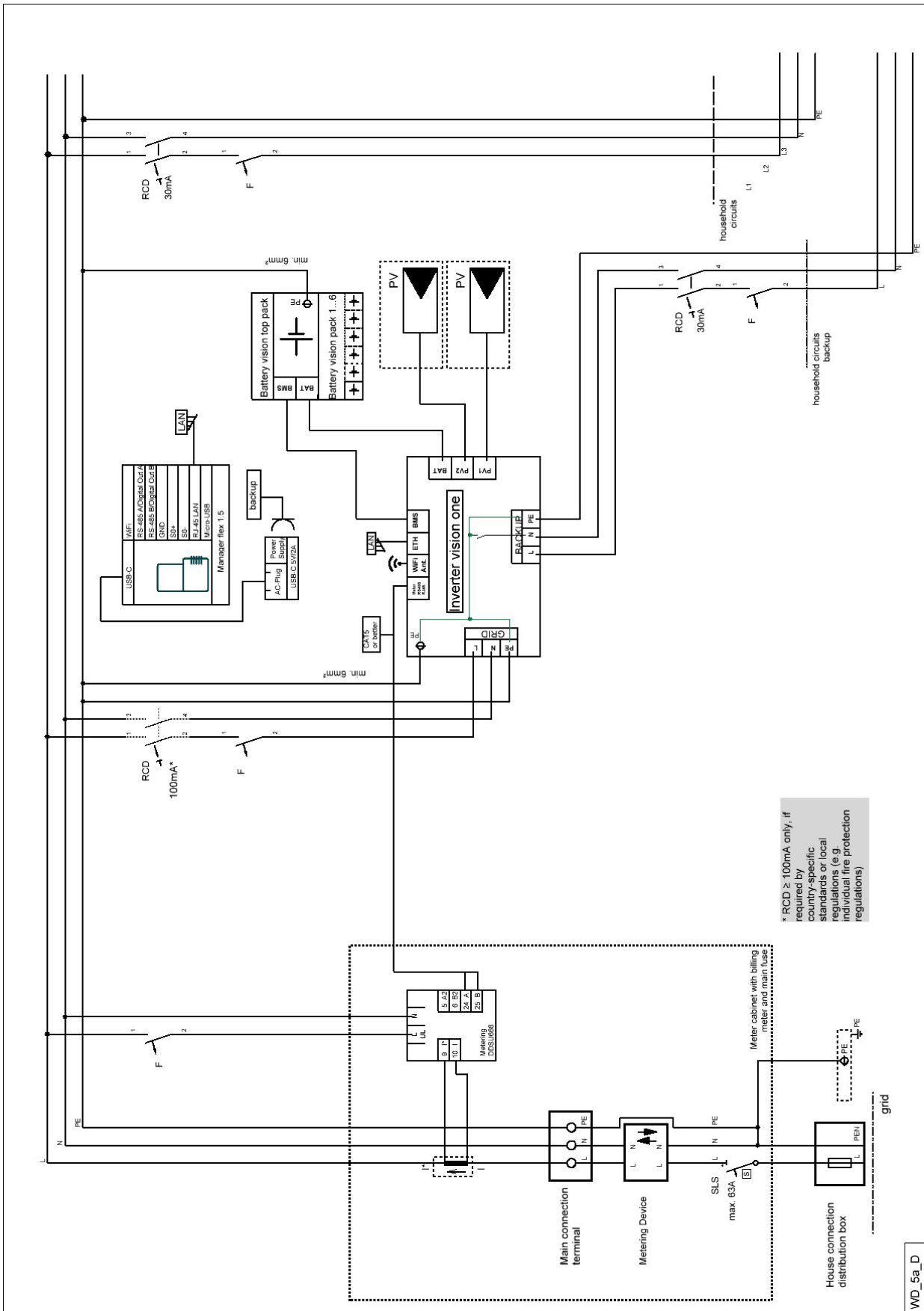
Per istruzioni dettagliate sull'installazione e l'uso, scansionare il codice QR qui sotto.



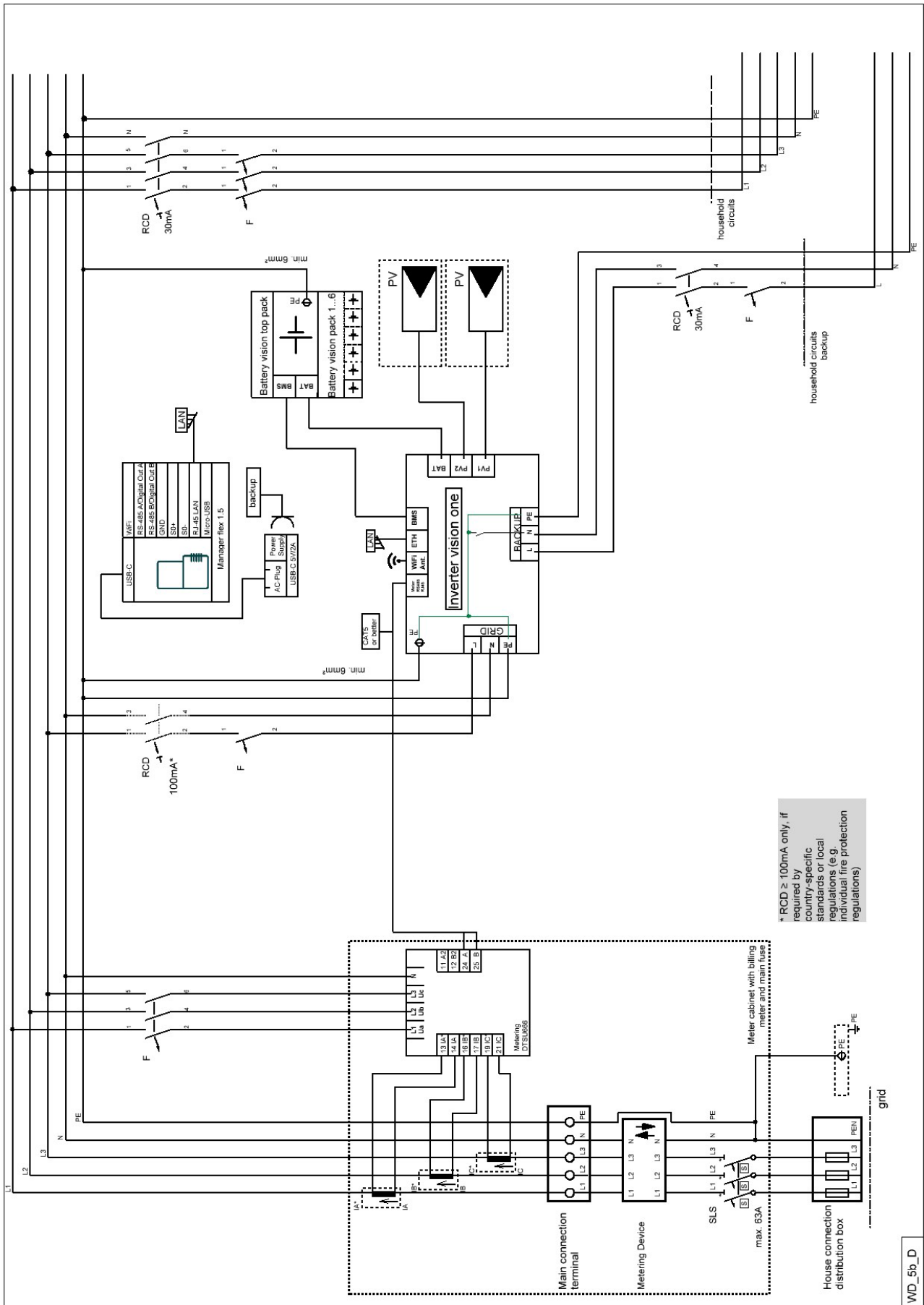
Scan de QR-code hieronder voor gedetailleerde installatie en gebruiksinstructies.



SYSTEM DESIGN IN A SINGLE-PHASE NETWORK

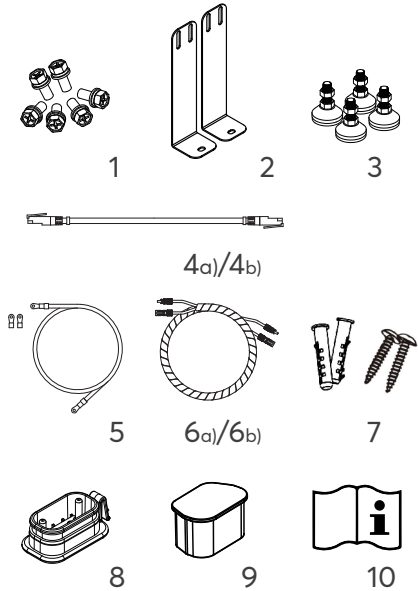


SYSTEM DESIGN IN A THREE-PHASE NETWORK



Battery vision packs

Packing list top pack



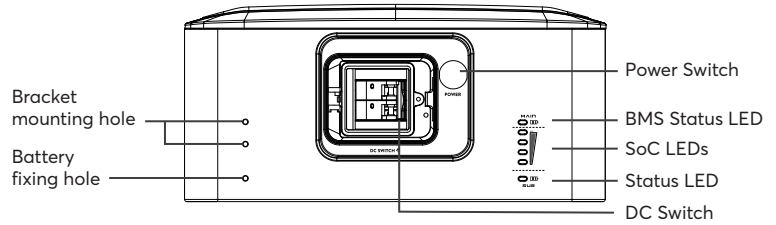
- 1 Screws
2 for pack fixing and 4 for bracket-fixing
- 1a) M6 screws (top pack 2.0)
- 1b) M5 screws (top pack 1.0)
- 2 Fixing bracket
- 3 Footstand
- 4 Comm. cable, BMS - Inverter
- 4a) 3,0 m (top pack 2.0)
- 4b) 1,5 m (top pack 1.0)
- 5 Grounding cable
with 2 additional cable lugs
- 6 DC cable battery
- 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

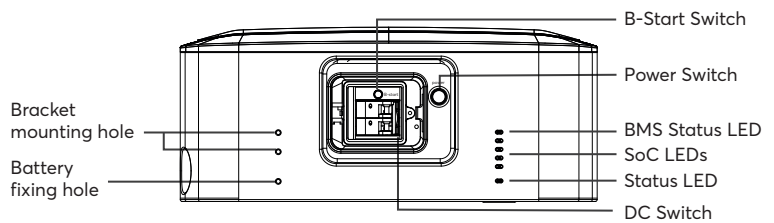


- 23 Screws for pack-fixing
- 23a) M6 screws (pack 2.0)
- 23b) M5 screws (pack 1.0)
- 24 Safety Instructions

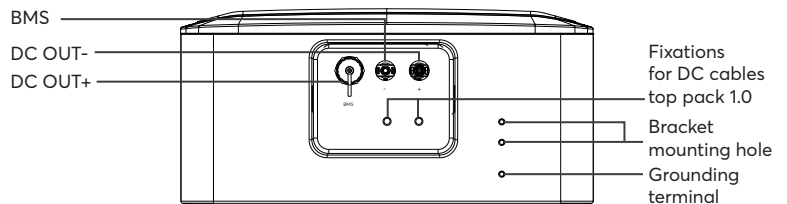
View from the left side top pack 2.0



View from the left side top pack 1.0

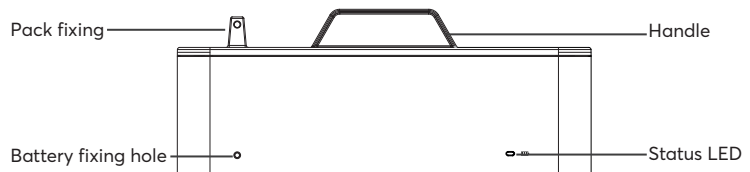
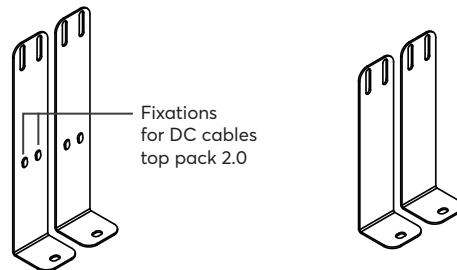


View from the right side



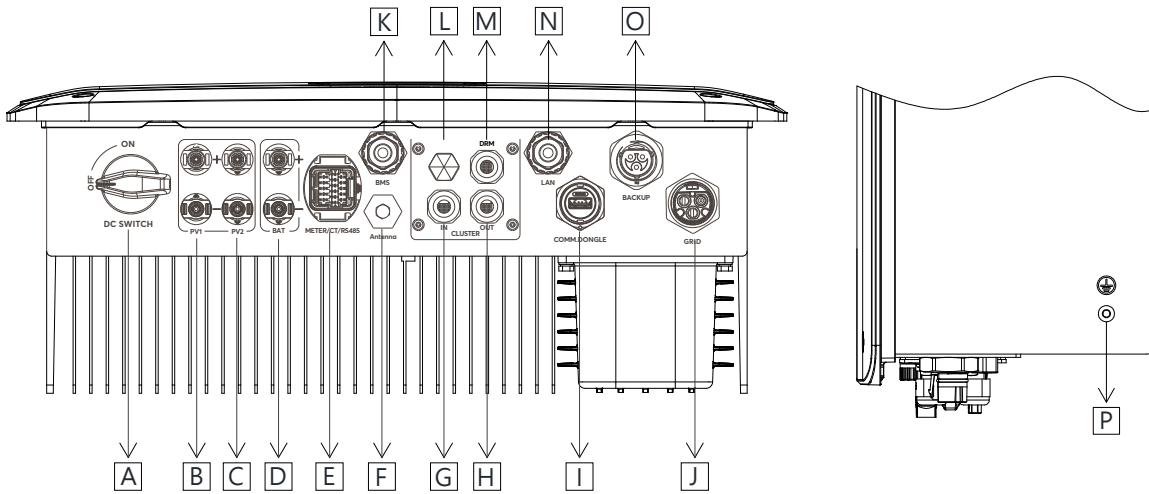
Fixing bracket top pack 2.0

Fixing bracket top pack 1.0










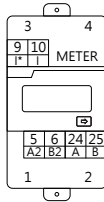




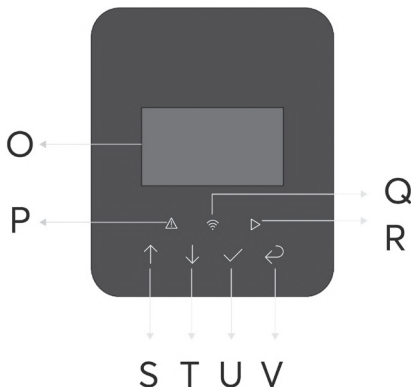
DEVICE DESIGNS AND PACKING LISTS

Inverter vision one 1.0



- | | | |
|----------------------|-------------------------|-------------|
| A DC SWITCH | G CLUSTER IN | M DRM |
| B PV 1 | H CLUSTER OUT | N LAN |
| C PV 2 | I COMM. DONGLE | O BACKUP |
| D BATTERY CONNECTOR | J GRID | P GROUNDING |
| E Meter / CT / RS485 | K BMS | |
| F BLUETOOTH/WIFI | L WATERPROOF LOCK VALVE | |

- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|  |  |  | 21 | | | | | |
| 20 | 21 | 22 | | | | | | |

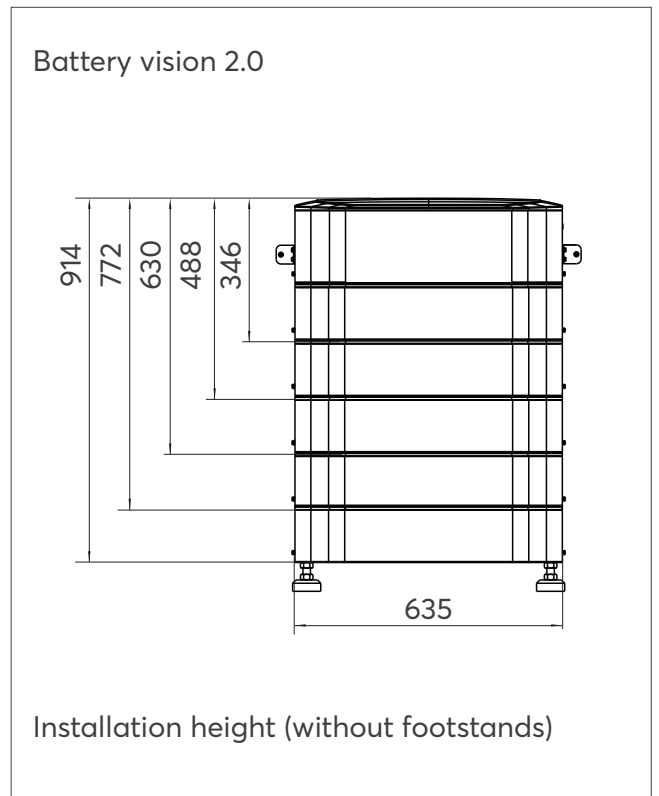
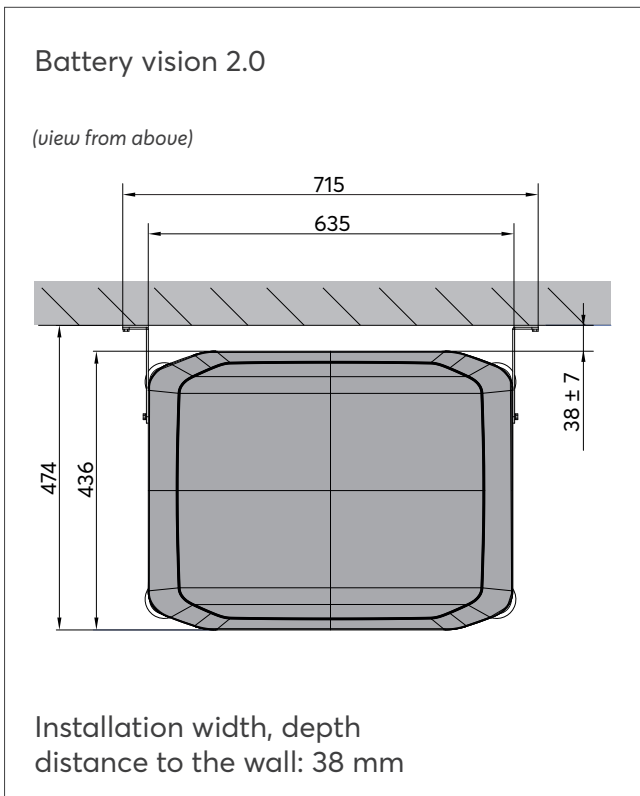
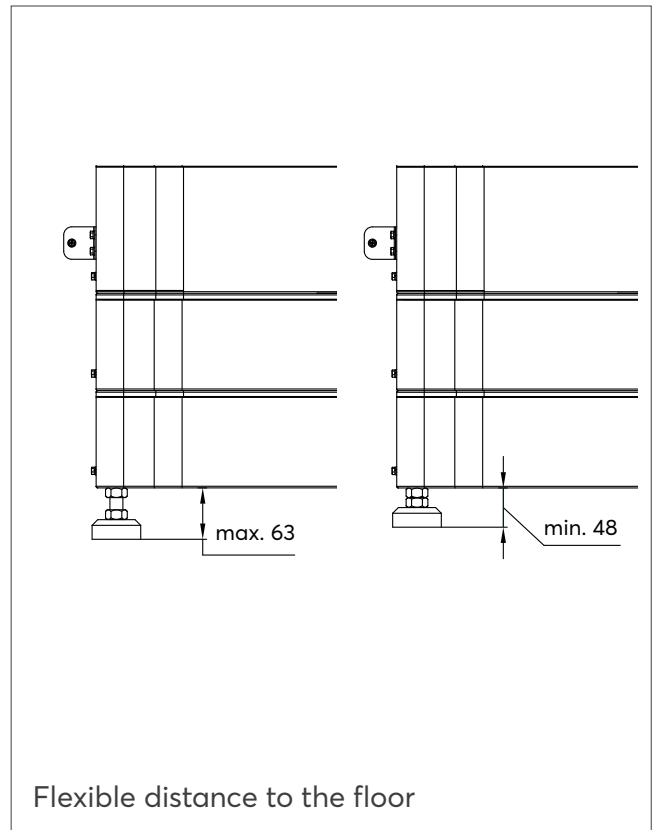
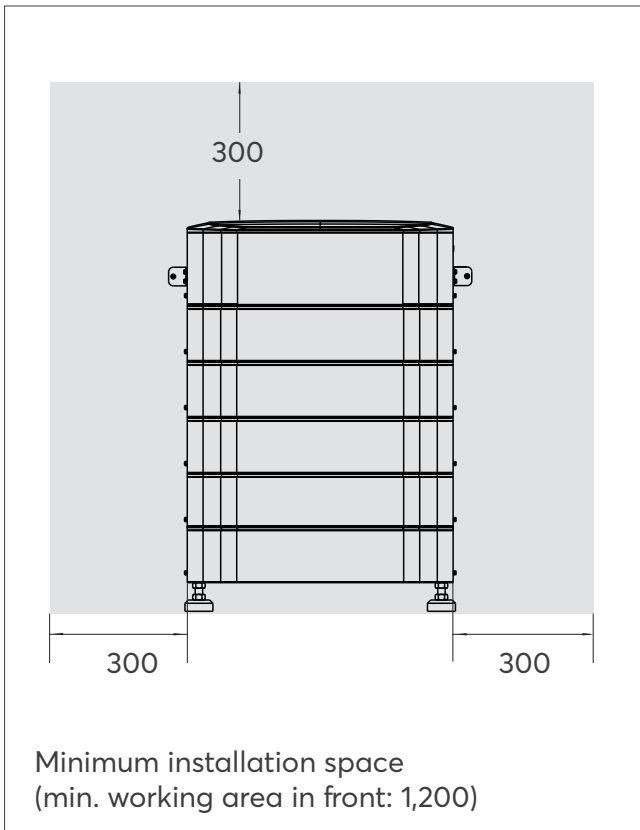


- O LC display
- P red: fault
- Q blue: WiFi/LAN status
- R green: operational state
- S move up; increase value
- T move down; decrease value
- U confirm
- V return/exit

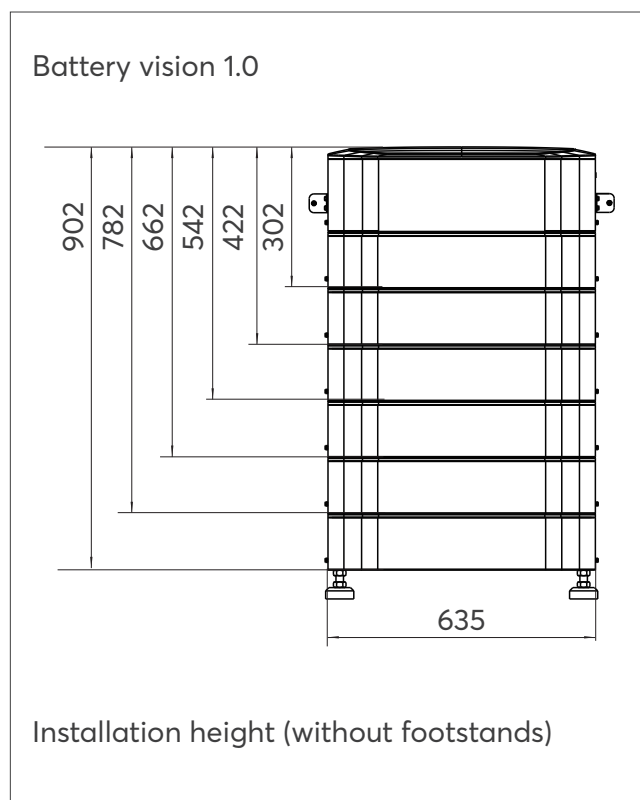
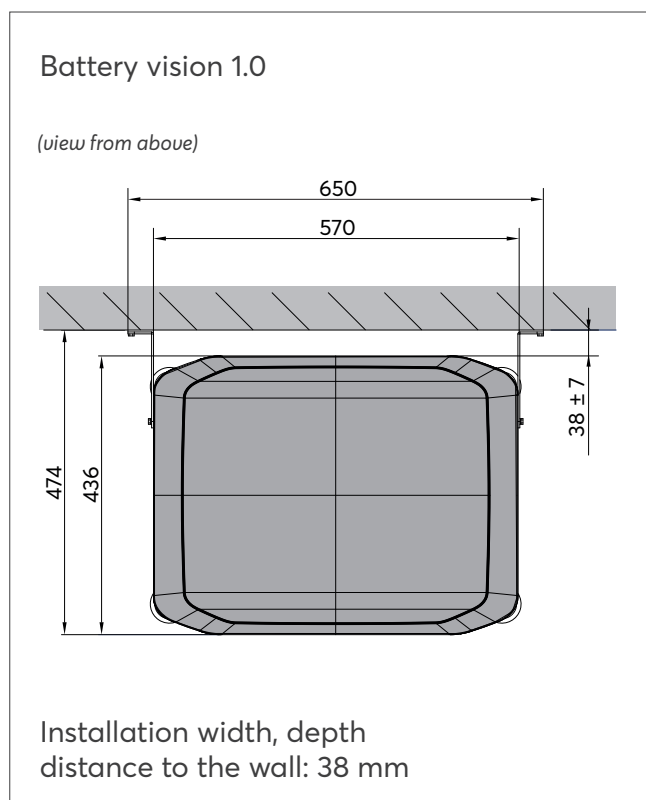
Additional equipment required:

- 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

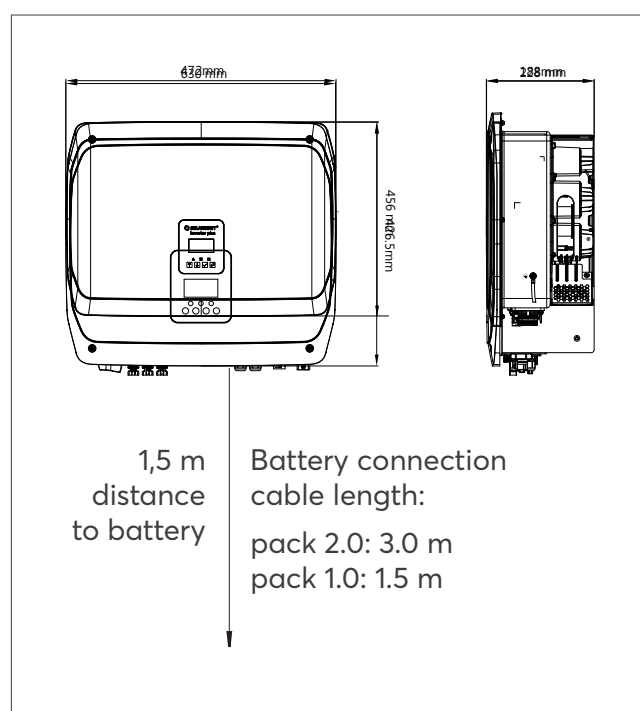
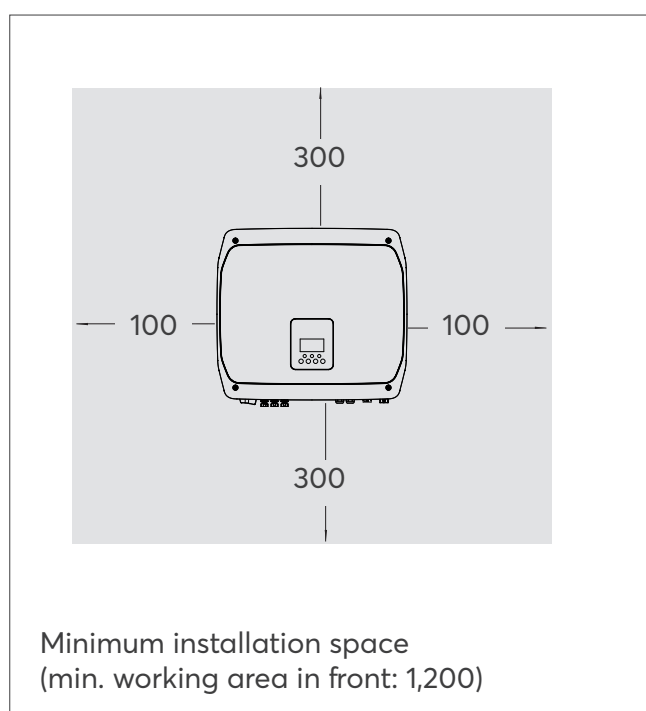
DIMENSIONS BATTERY VISION [MM]



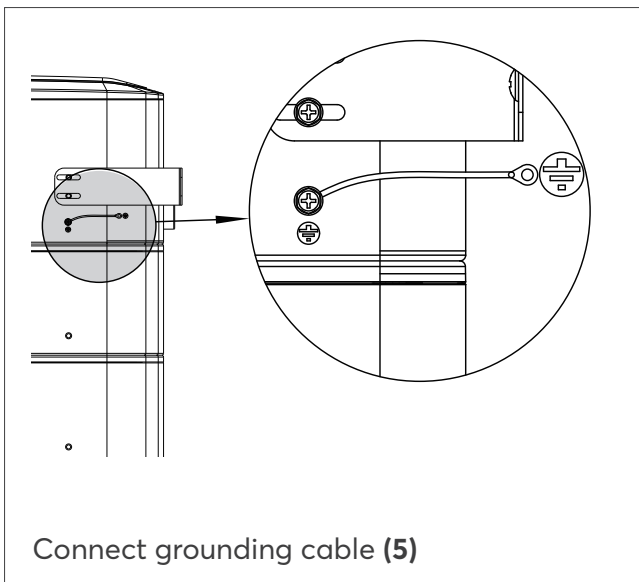
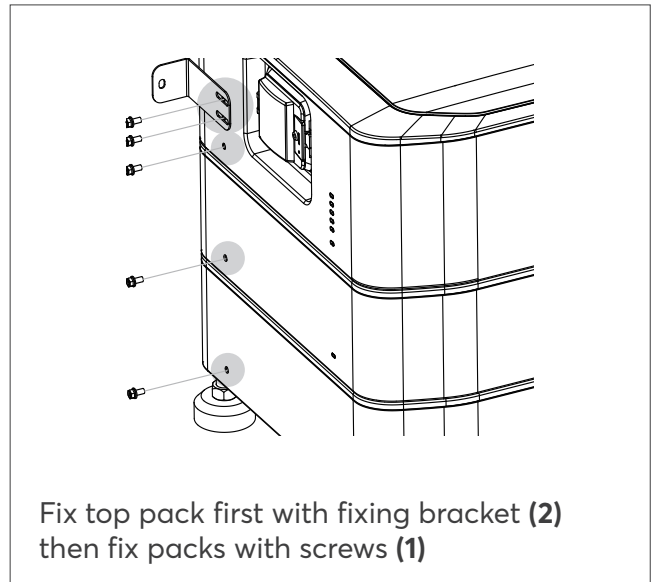
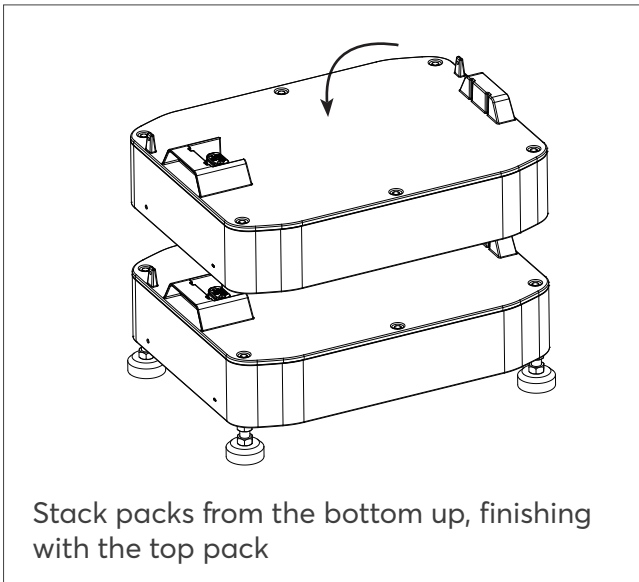
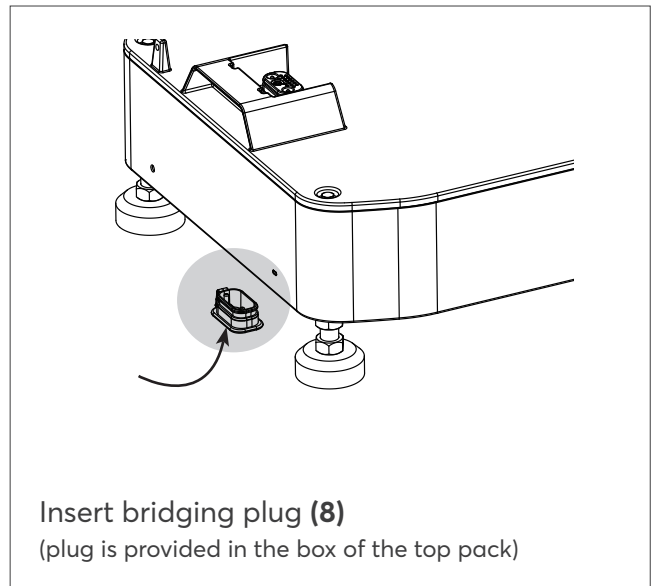
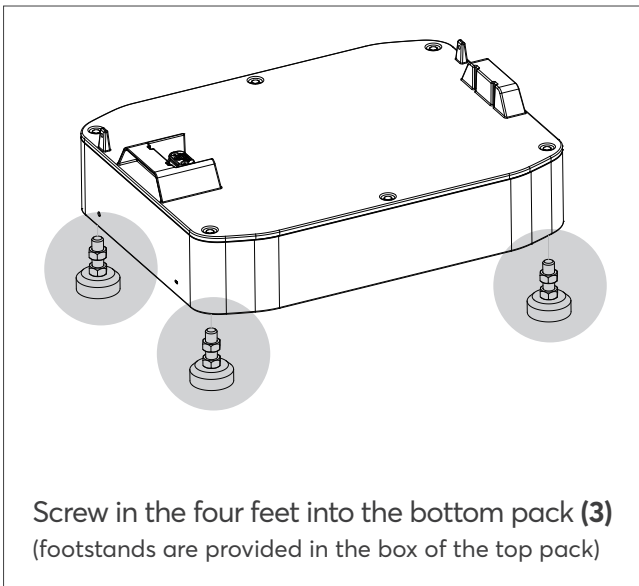
DIMENSIONS BATTERY VISION [MM]



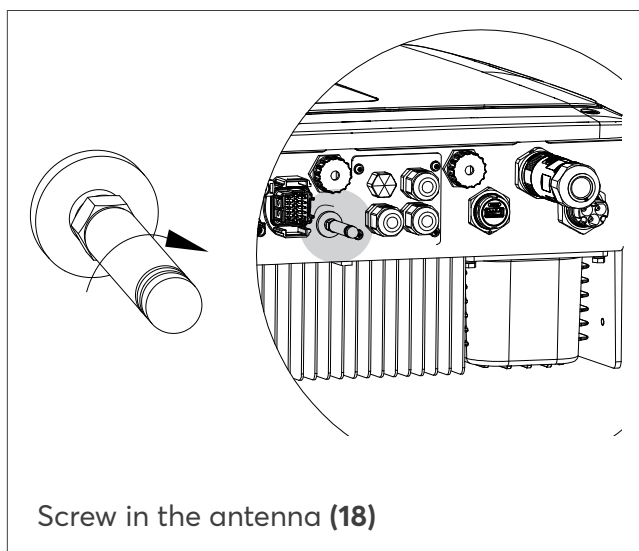
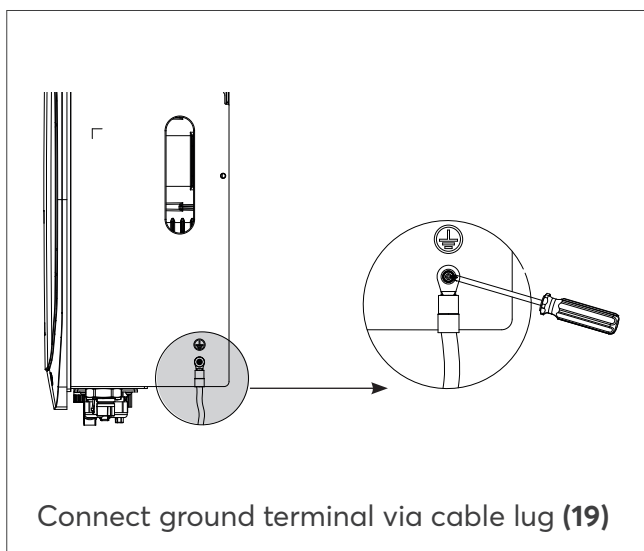
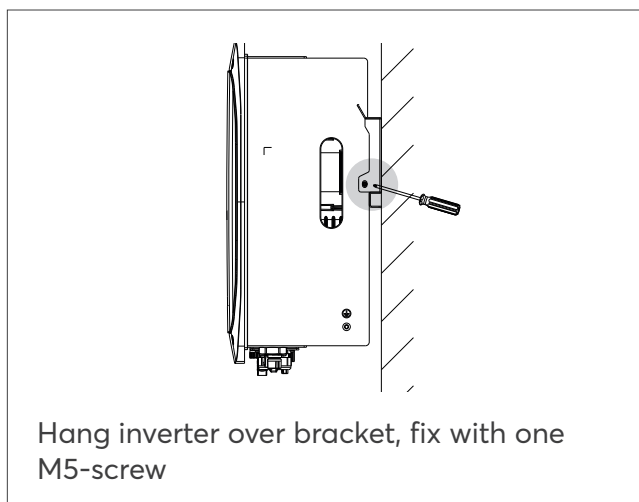
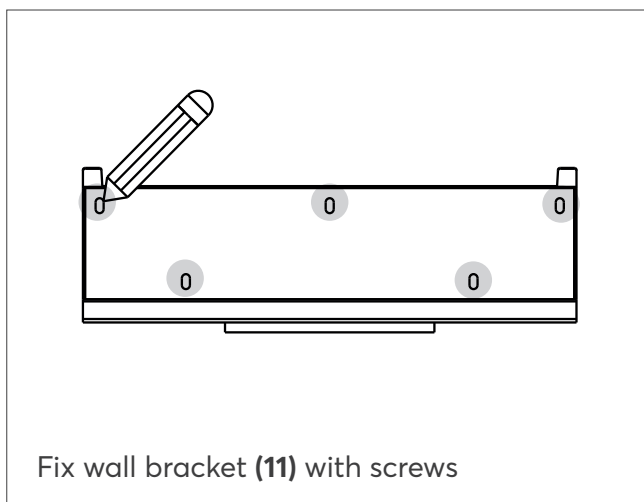
DIMENSIONS INVERTER VISION ONE [MM]



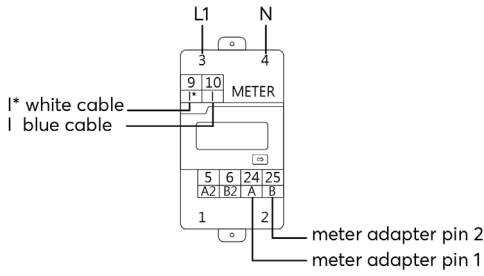
BATTERY PACKS ASSEMBLY AND WIRING



INVERTER ASSEMBLY AND WIRING

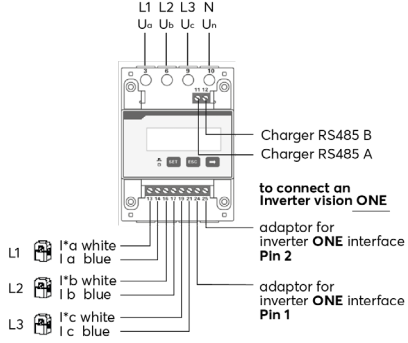


METER INSTALLATION AND WIRING



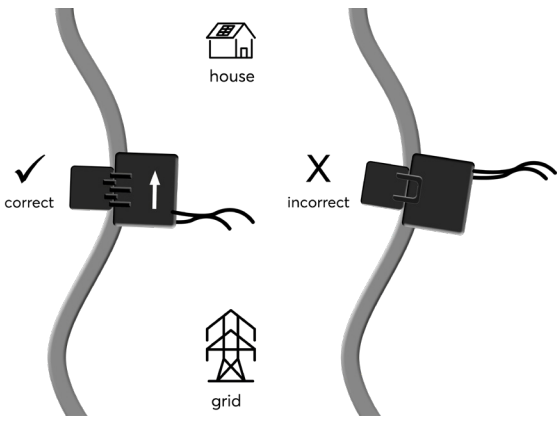
One-phase system

Install the **one-phase meter (20)** on the household cabinets's top hat rail connect meter as per wiring diagram p. 4



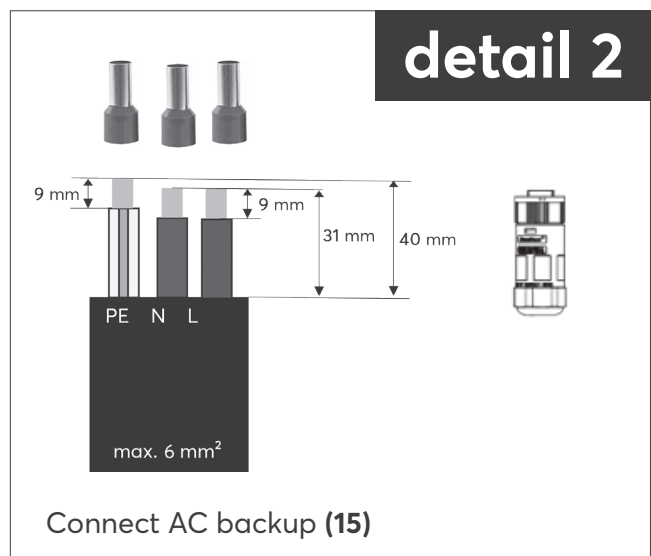
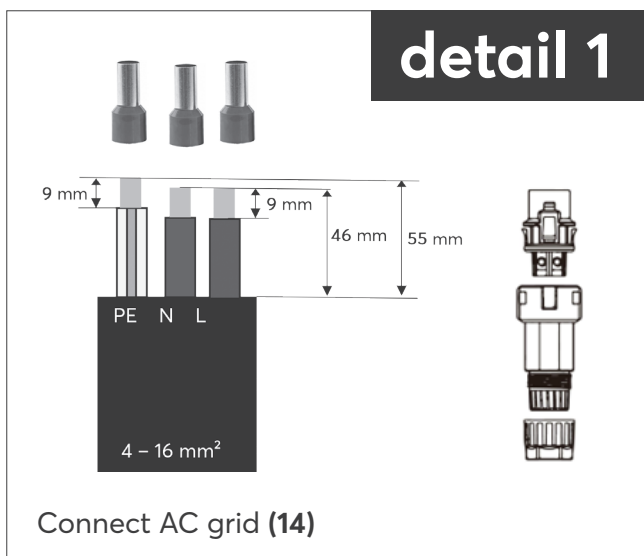
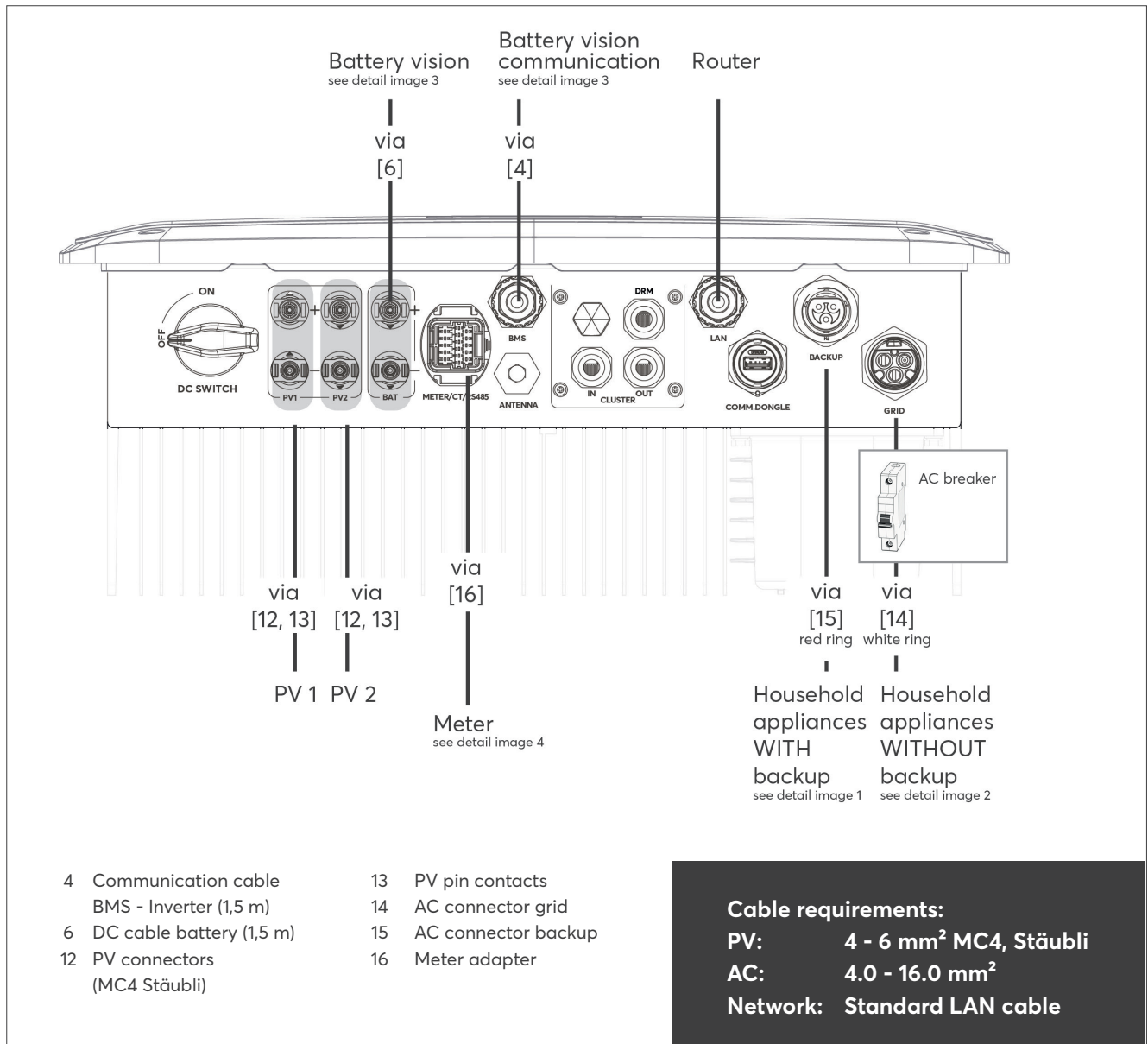
Three-phase system

Install the **three-phase meter (MUST be ordered from Solarwatt)** on the household cabinets's top hat rail connect meter as per wiring diagram p. 5



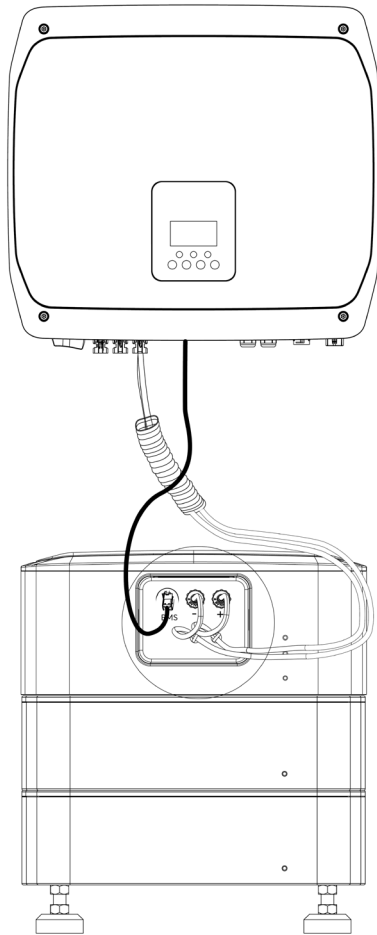
Correct CT clamp current measurement direction: arrow on the CT clamp points in the direction of the domestic consumers

INVERTER WIRING



INVERTER ASSEMBLY AND WIRING

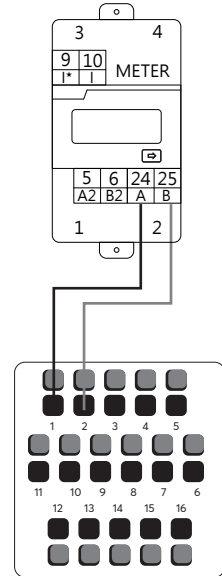
detail 3



Connect Battery (6, 4)

detail 4a

PIN meter	24	25
PIN adapter	1	2

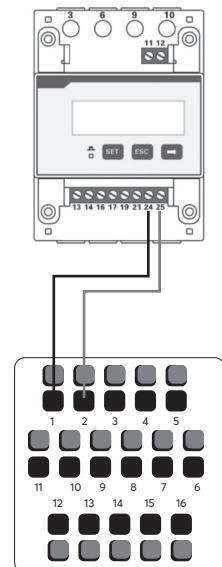


(connection-side view on the plug)

Connect the one-phase meter (16)

detail 4b

PIN meter	24	25
PIN adapter	1	2

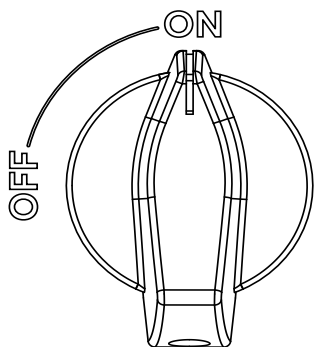


(connection-side view on the plug)

Alternatively for three phase networks:
Connect the three-phase meter (MUST be ordered from Solarwatt)

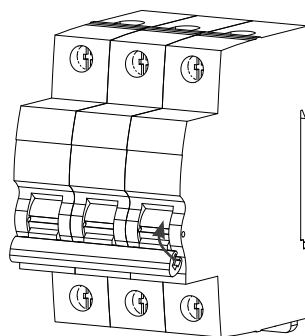
SYSTEM START UP

1



Turn inverter DC switch ON

2




Turn on

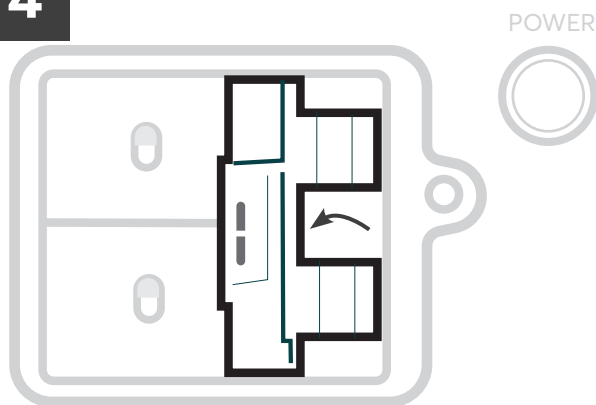
- AC breaker Grid
- AC breaker Backup (if locally required)

3



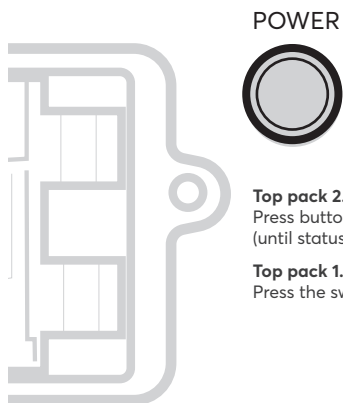
- set grid code for grid safety
 - set the current date & time
- Press inverter confirm button  for 3 sec.
- select START

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)

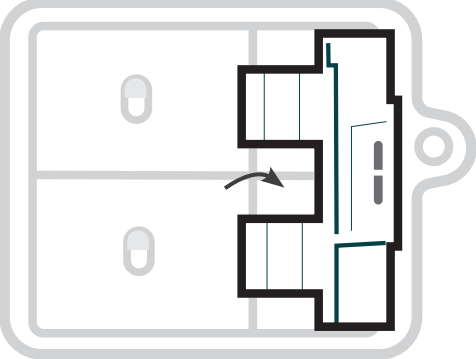
Top pack 1.0:
Press the switch



Press battery POWER button (top pack)

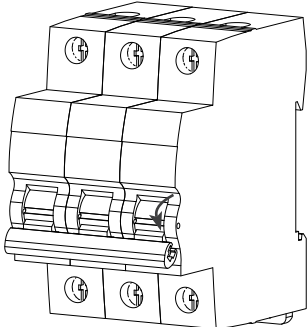
3

POWER 



Turn battery DC switch (top pack) OFF

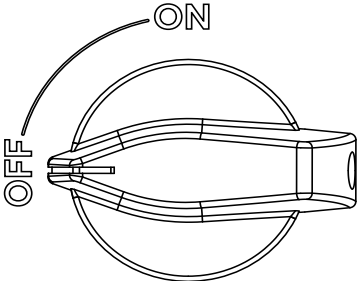
4



Turn off

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

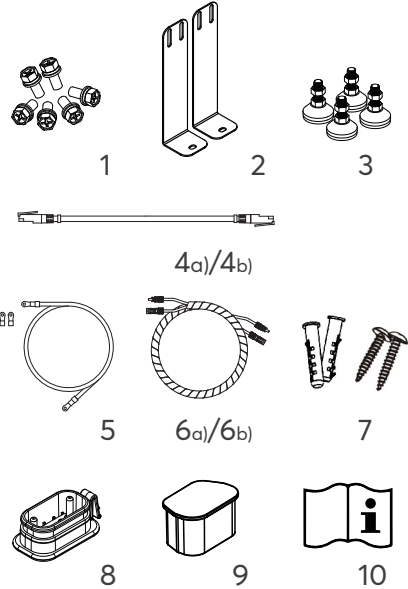
5



Turn inverter DC switch OFF

Battery vision packs

Lieferumfang top pack



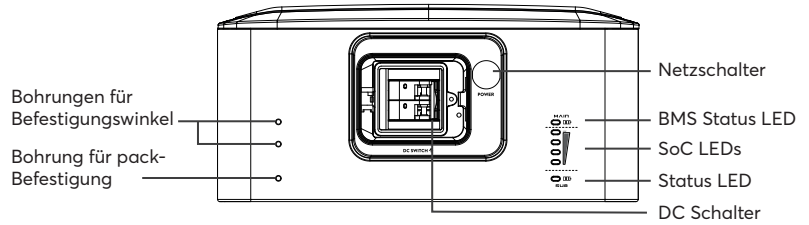
- 1 Schrauben,
2 für pack-Fixierung, 4 für Wandhalter-
befestigung
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Befestigungswinkel
- 3 Standfüße
- 4 Komm. kabel, BMS - Inverter
- 4a) 3,0 m (bei pack 2.0)
- 4b) 1.5 m (bei pack 1.0)
- 5 Erdungskabel
mit 2 zusätzlichen Kabelschuhen
- 6 DC-Kabel Batterie
- 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

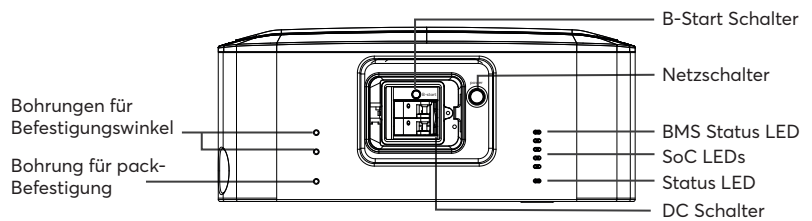


- 23 Schrauben
für pack Befestigung
- 1a) M6 (pack 2.0)
- 1b) M5 (pack 1.0)
- 24 Sicherheitshinweise

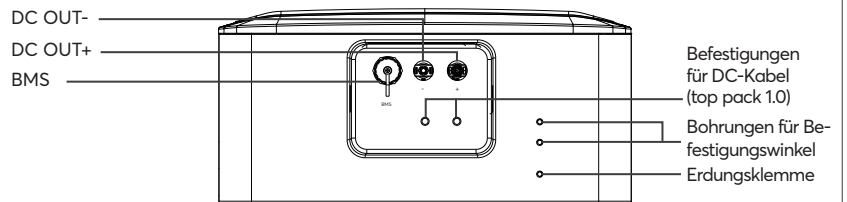
Ansicht von links top pack 2.0



Ansicht von links top pack 1.0

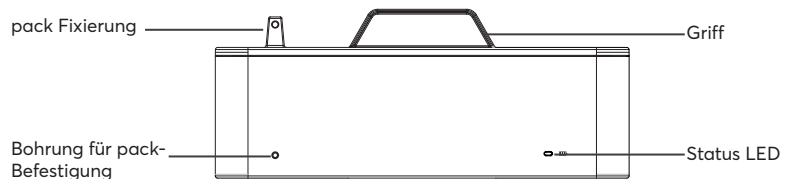
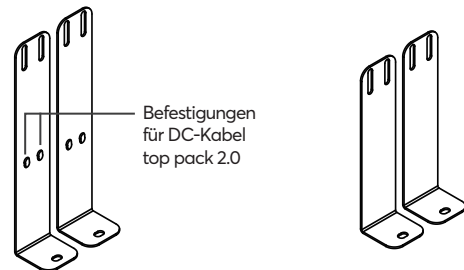


Ansicht von rechts



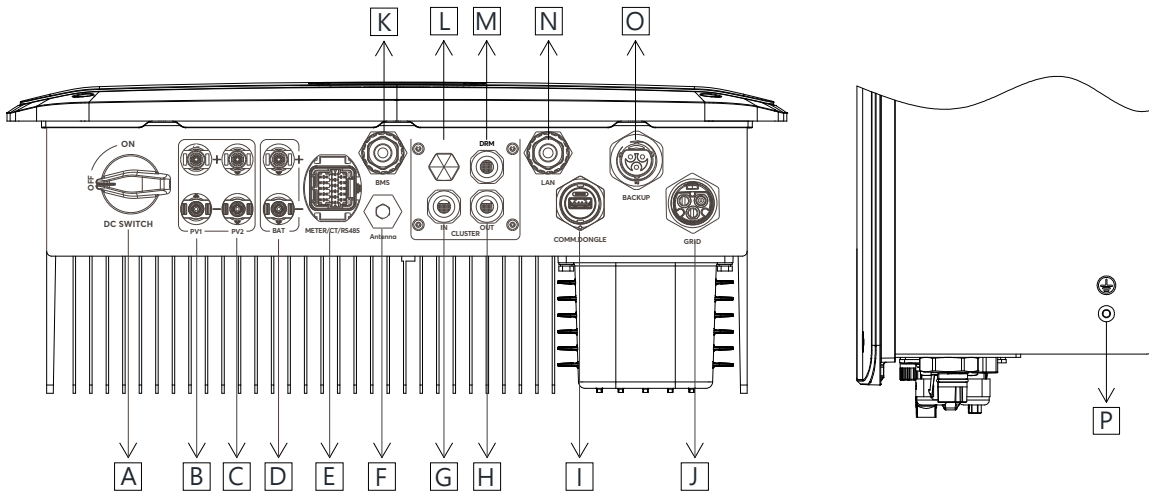
Befestigungswinkel top pack 2.0

Befestigungswinkel top pack 1.0

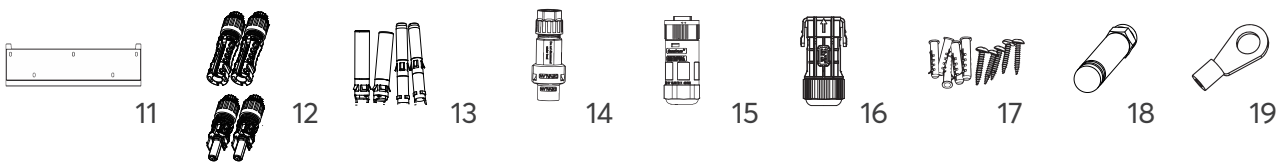


AUFBAU UND LIEFERUMFANG

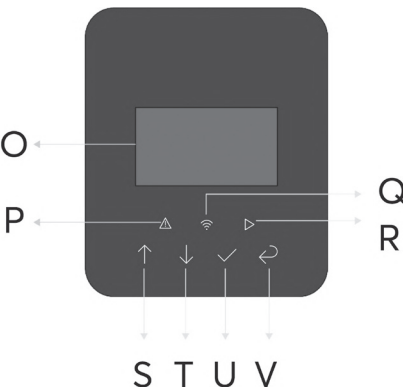
Inverter vision one 1.0



- | | | |
|------------------------------|----------------------|----------|
| A DC SCHALTER | G CLUSTER IN | M DRM |
| B PV 1 | H CLUSTER OUT | N LAN |
| C PV 2 | I KOMM. DONGLE | O BACKUP |
| D BATTERIEANSCHLUSS | J NETZ | P ERDUNG |
| E ZÄHLER / CT-KLEMME / RS485 | K BMS | |
| F BLUETOOTH/WIFI | L ANSCHLUSSABDECKUNG | |



- | | |
|--|---|
| 11 Wandhalter | 17 Schrauben für Wandbefestigung, Dübel |
| 12 PV-Steckverbinder (MC4 Stäubli) | 18 Antenne |
| 13 PV-Pin-Kontakte | 19 Kabelschuh für Erdungskabel |
| 14 AC-Steckverbinder Netz (weißer Ring) | 20 Zähler mit CT-Klemme |
| 15 AC-Steckverbinder Backup (roter Ring) | 21 2x RJ45 Stecker für outdoor Installation (wasserdicht) |
| 16 Zähleradapter mit Aderendhülsen | 22 Sicherheitshinweise Schnellstartanleitung |

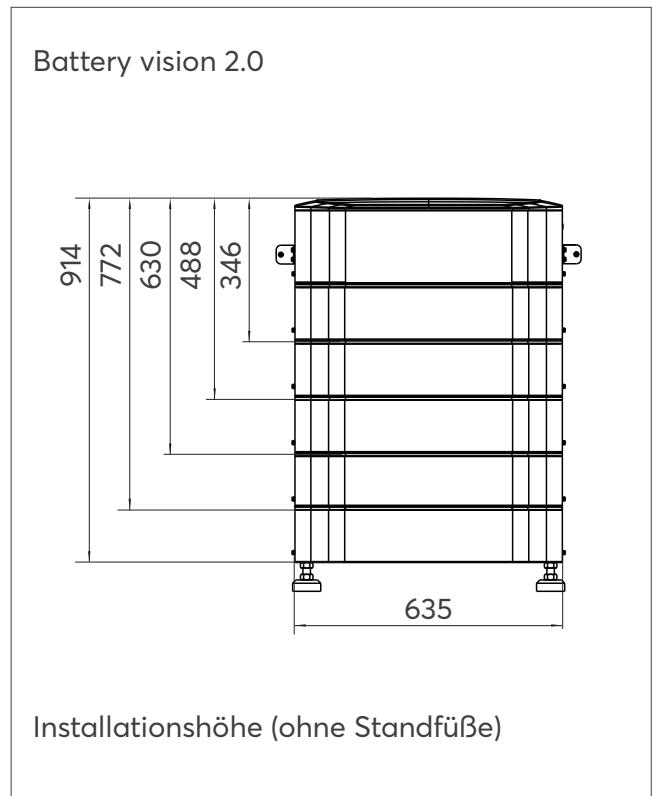
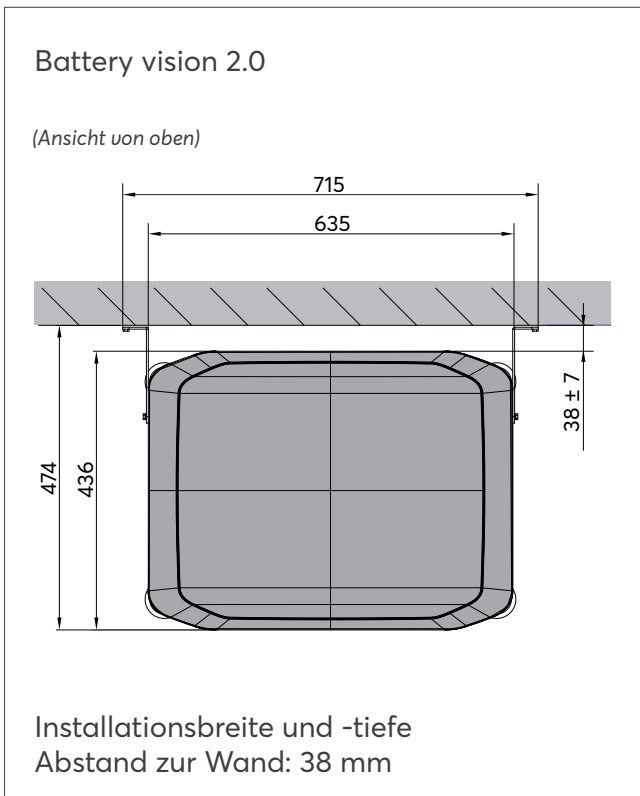
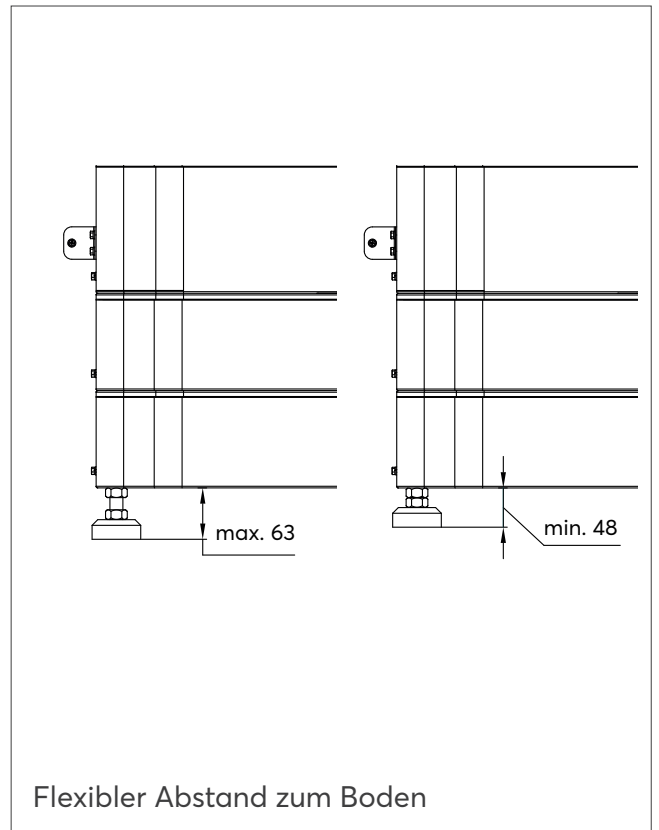
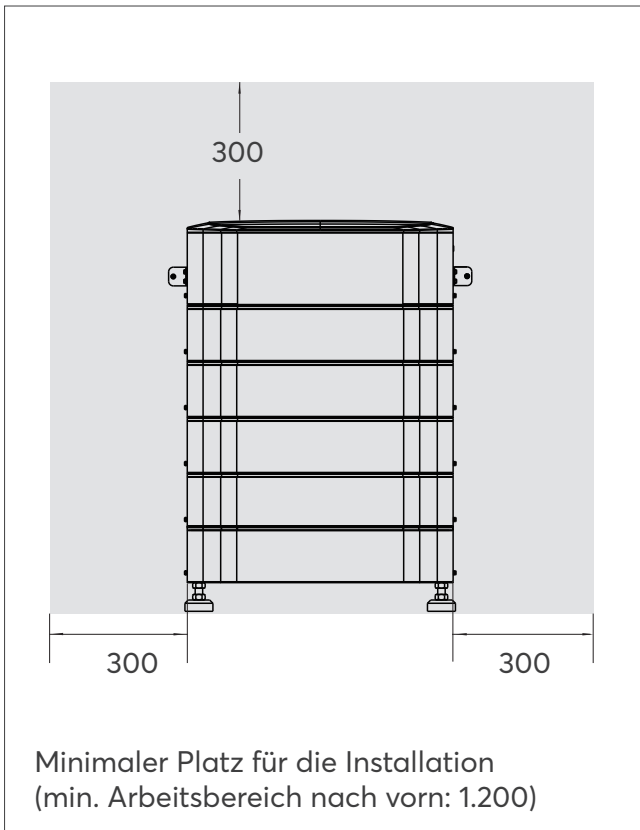


- O LC display
- P rot: Fehler
- Q blau: WLAN/LAN Status
- R grün: betriebsbereit
- S hoch; Wert erhöhen
- T runter; Wert verringern
- U bestätigen
- V zurück/beenden

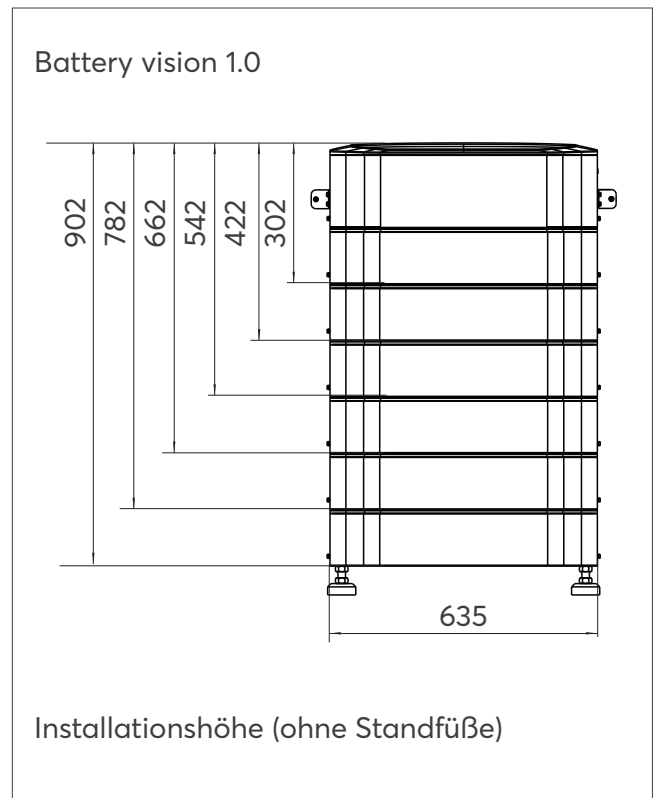
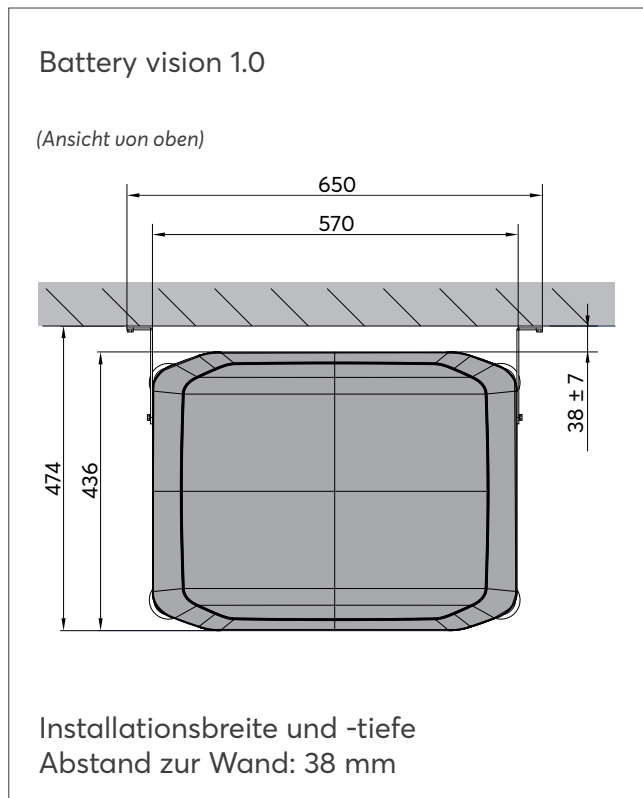
Zusätzlich benötigt:

- 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

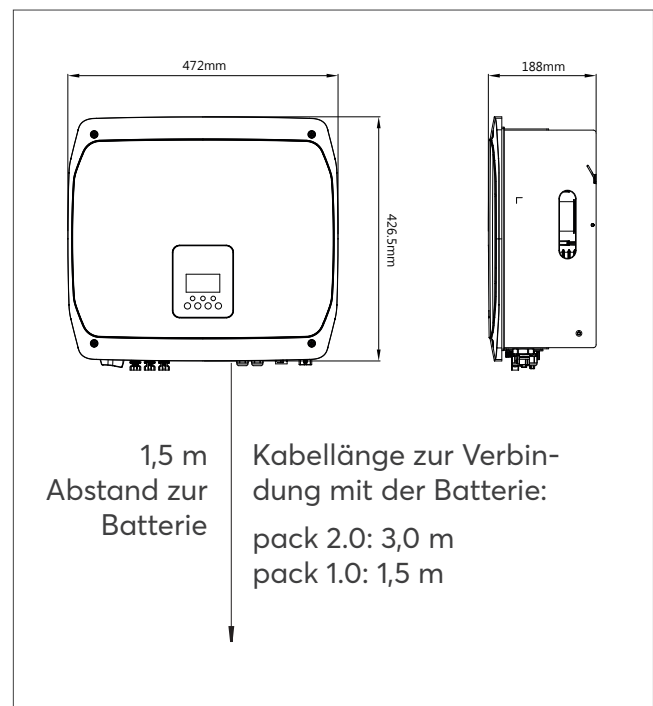
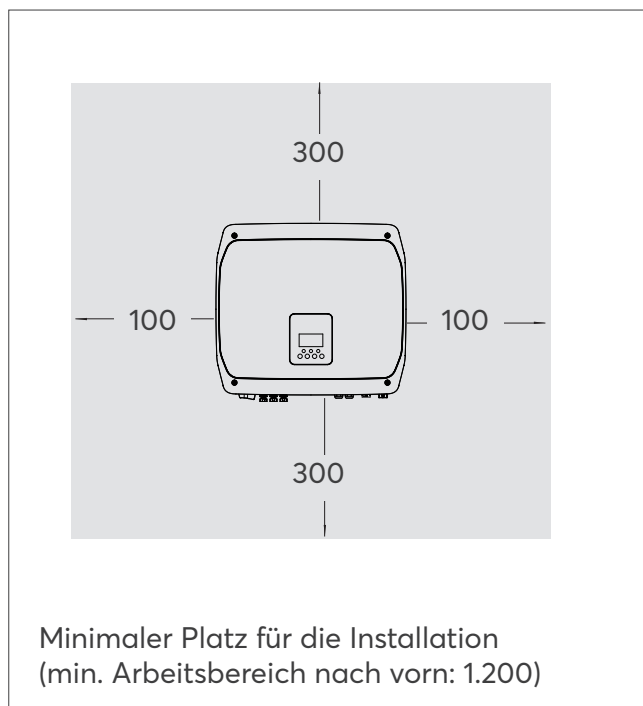
ABMESSUNGEN BATTERY VISION [MM]



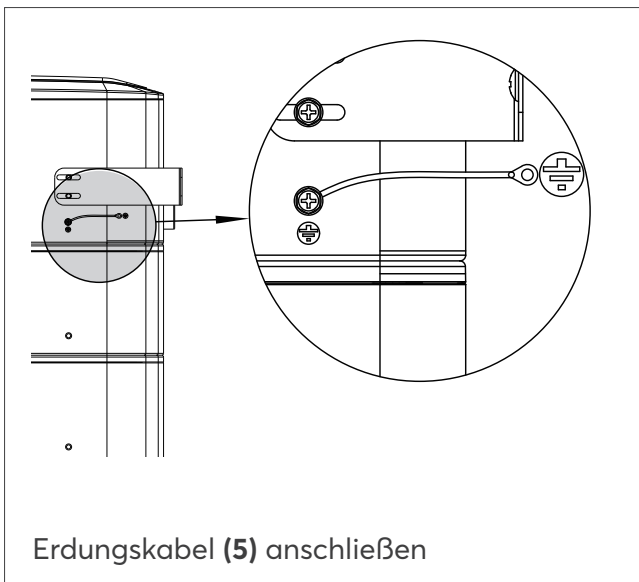
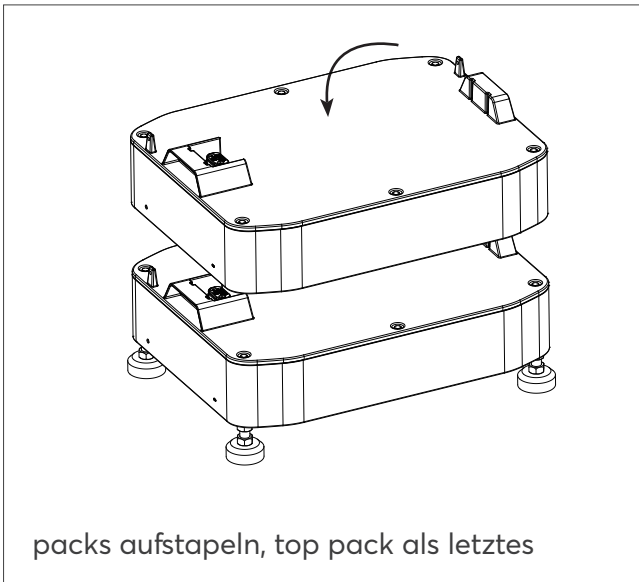
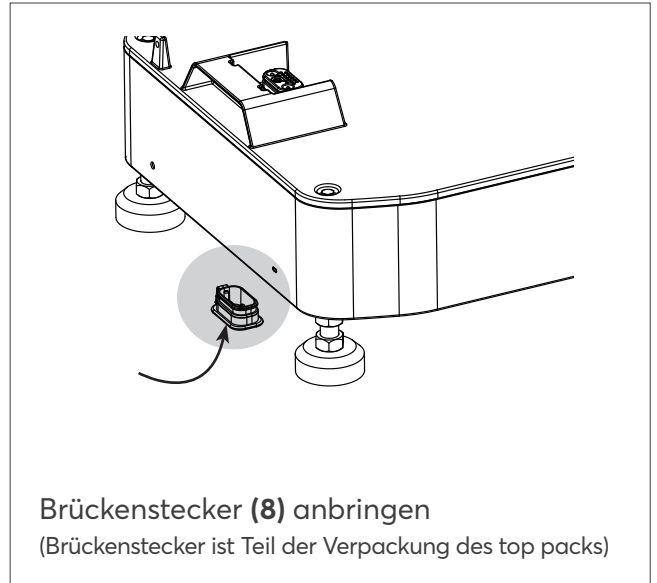
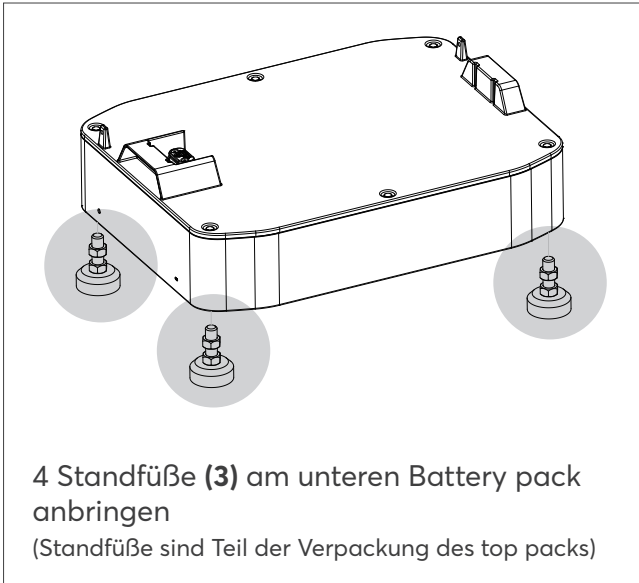
DIMENSIONS BATTERY VISION [MM]



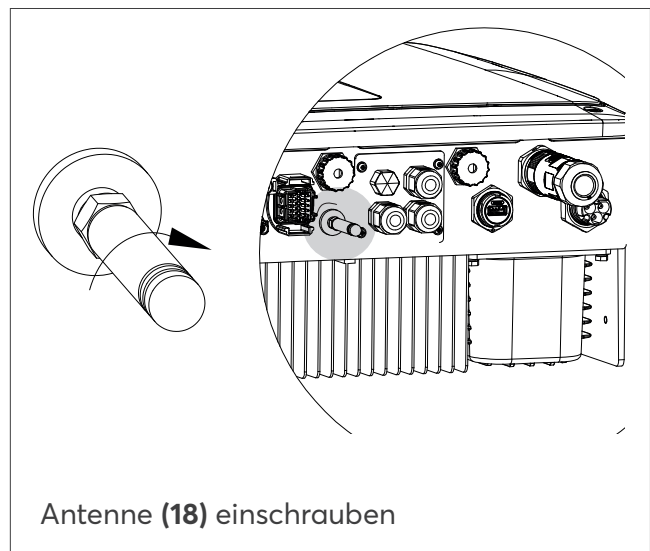
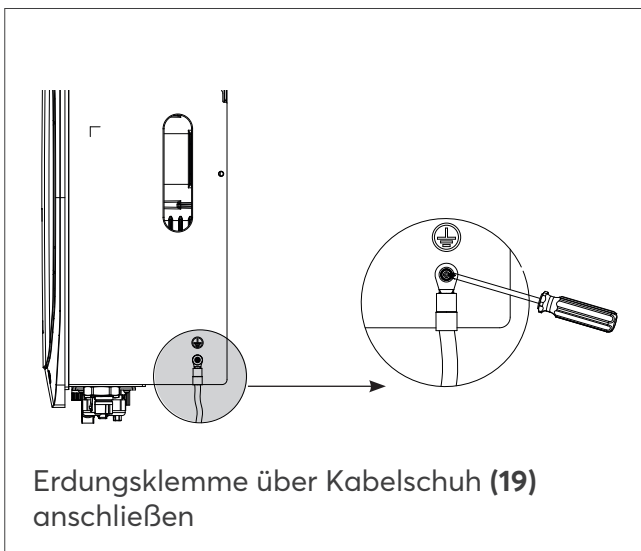
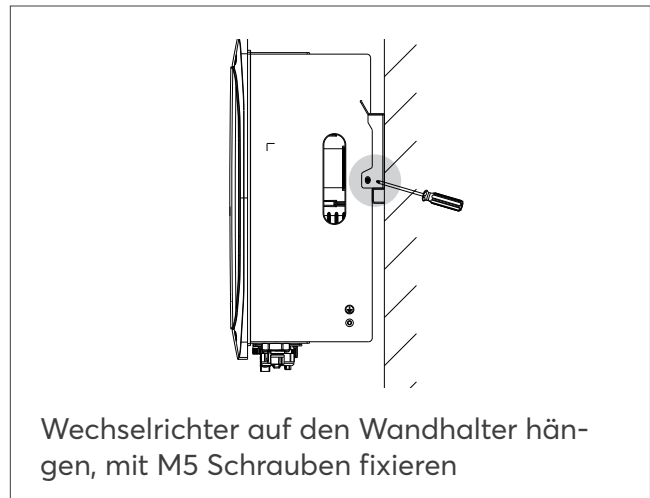
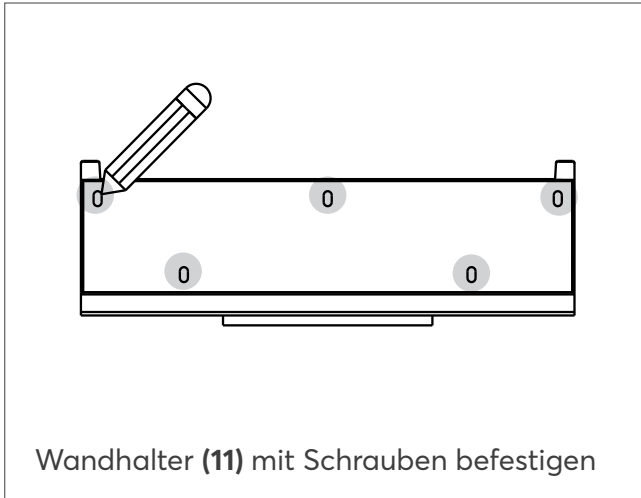
ABMESSUNGEN INVERTER VISION ONE [MM]



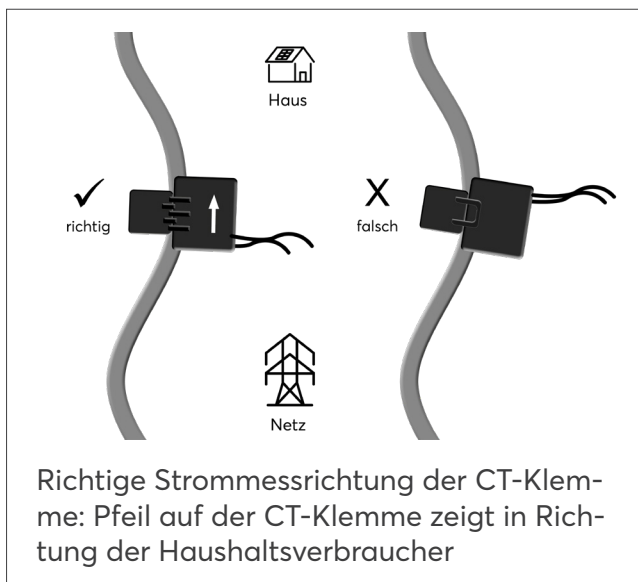
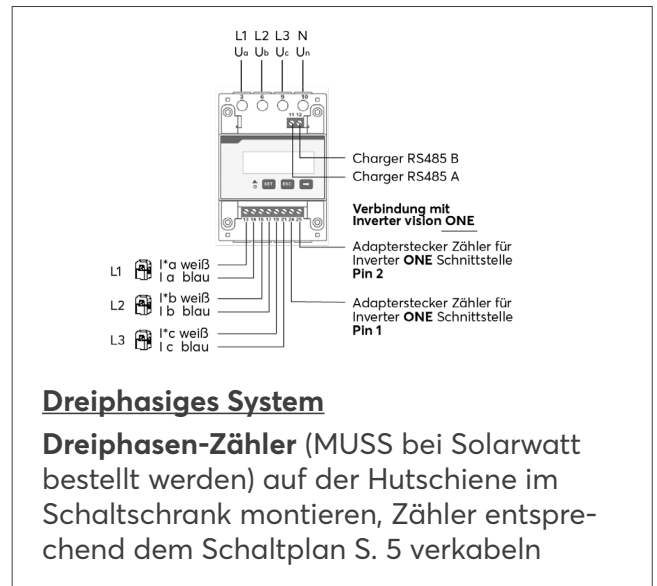
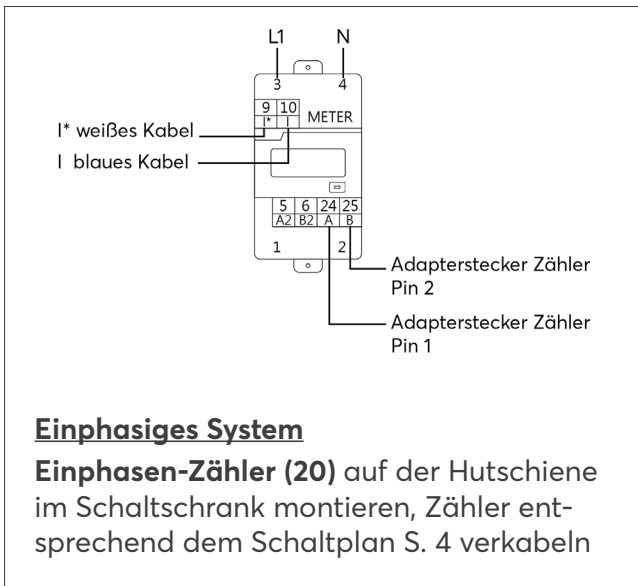
MONTAGE UND VERKABELUNG BATTERY PACKS



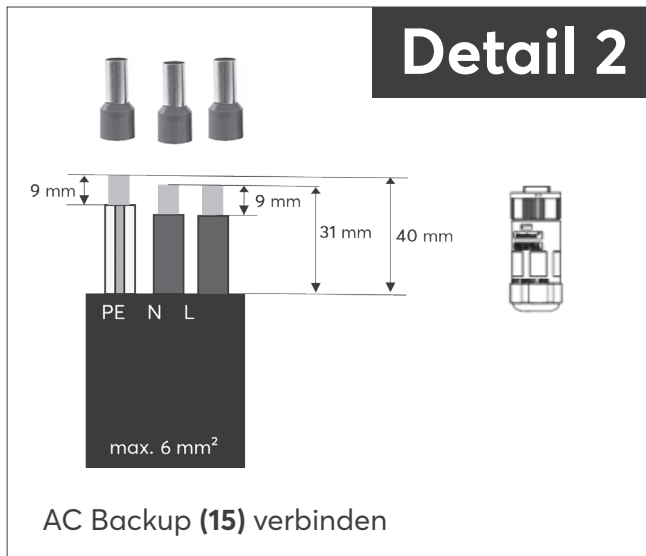
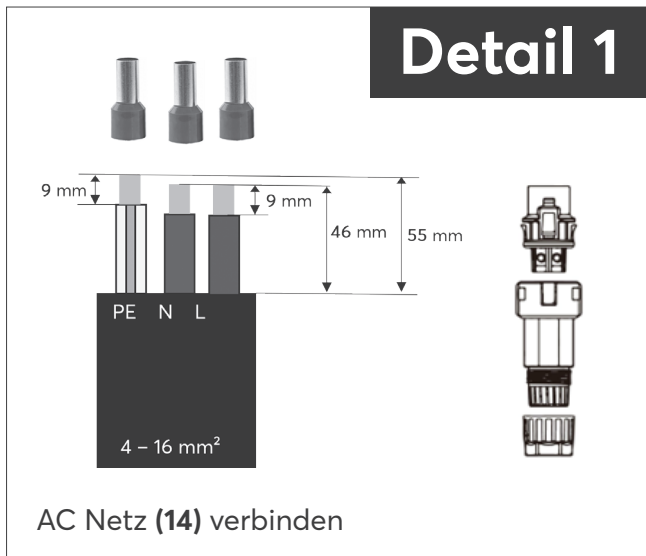
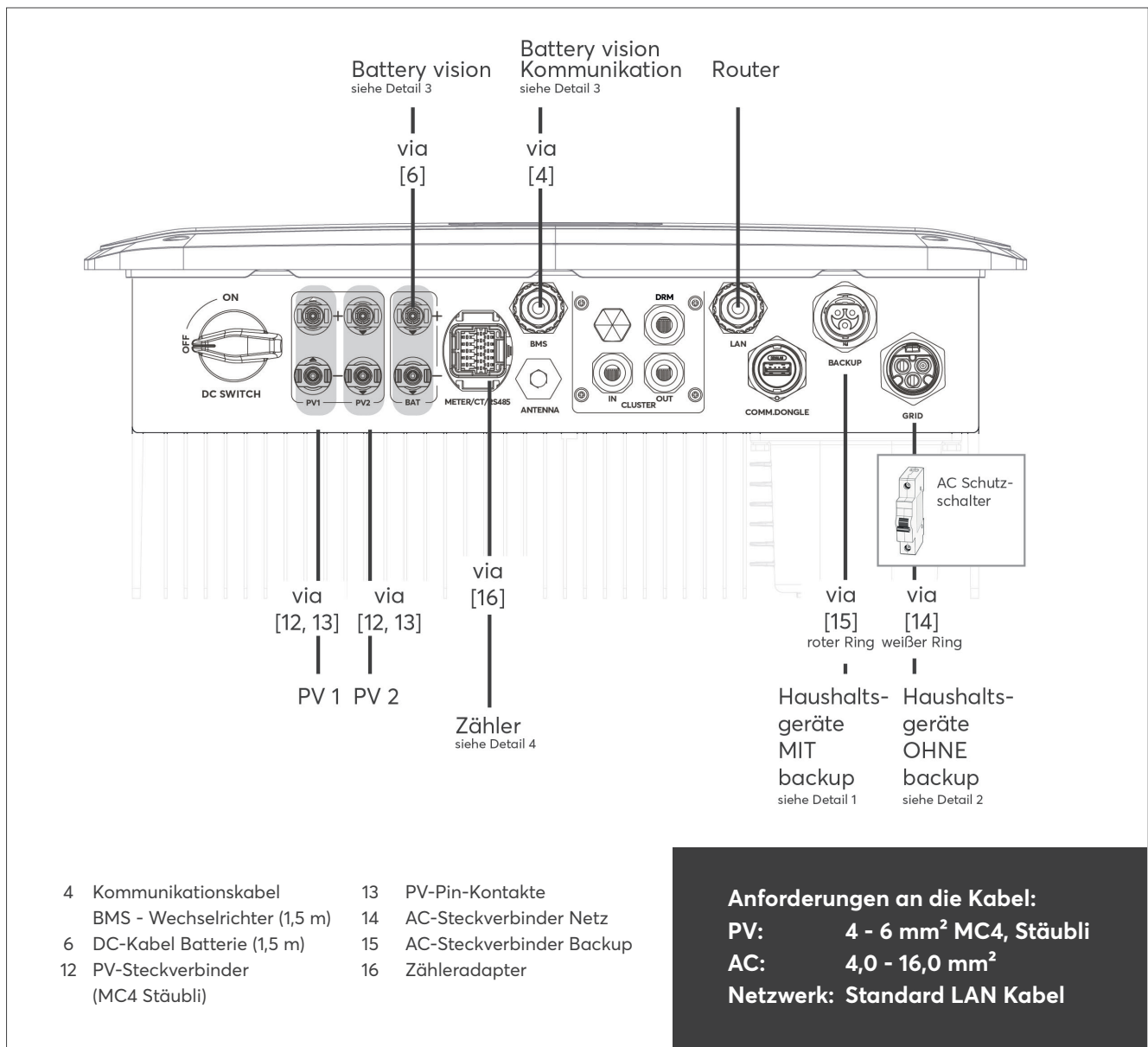
MONTAGE UND VERKABELUNG INVERTER



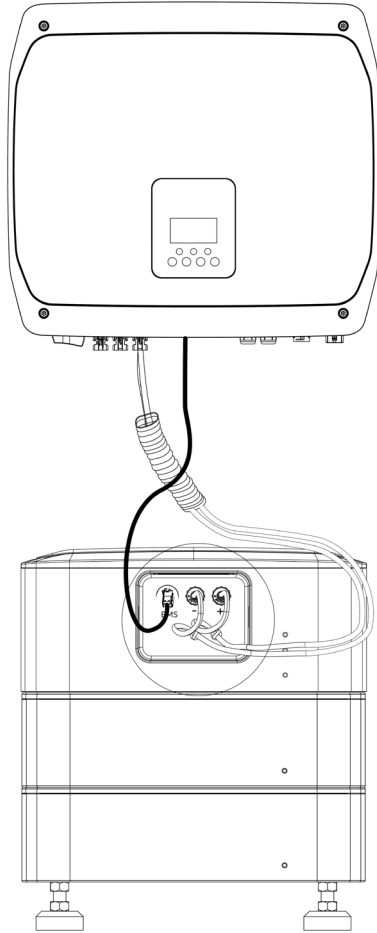
ZÄHLER INSTALLATION UND VERKABELUNG



WECHSELRICHTER VERKABELUNG



Detail 1

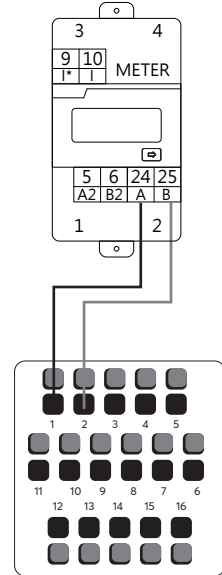


Batterie verbinden (6, 4)

Detail 2a

PIN Zähler	24	25
PIN Adapter	1	2

(Ansicht auf den Adapter von der Seite der Anschlüsse)

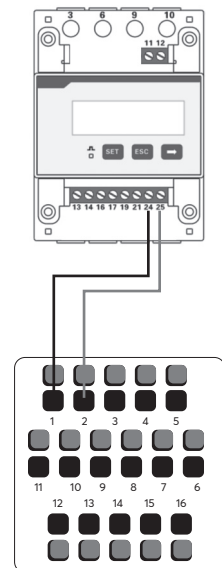


Einphasenzähler verbinden (16)

Detail 2b

PIN Zähler	24	25
PIN Adapter	1	2

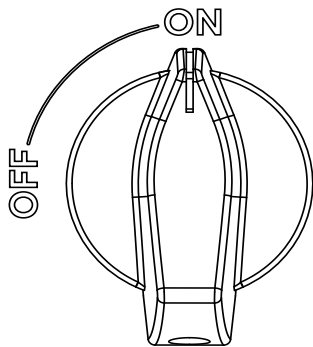
(Ansicht auf den Adapter von der Seite der Anschlüsse)



Alternativ in 3-phasigen Netzwerken:
Dreiphasenzähler (MUSS bei Solarwatt bestellt werden) verbinden

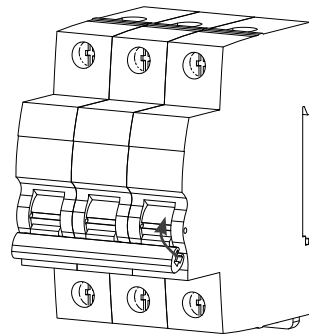
SYSTEMSTART

1



DC-Schalter am Wechselrichter anschalten

2



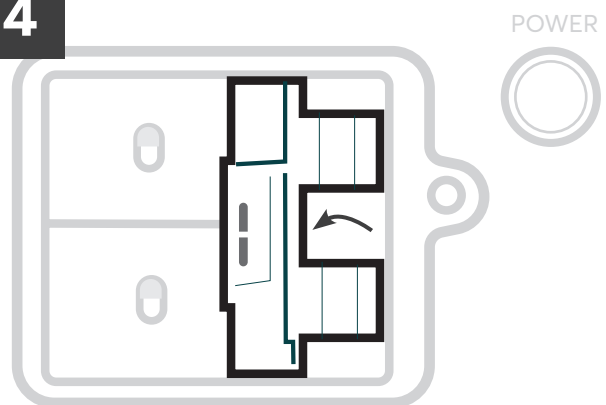
- AC-Sicherung Netz und
- AC-Sicherung backup (falls nach den örtlichen Vorgaben notwendig und vorhanden) einschalten

3



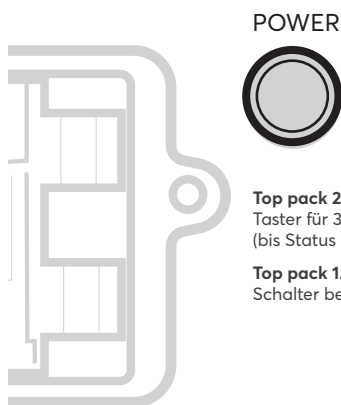
- Gridcode für Netzsicherheit einstellen
 - Datum und Zeit einstellen
- Bestätigen Button am Wechselrichter für 3 Sekunden drücken
- START wählen

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

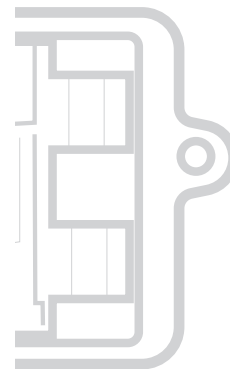
1



Bestätigen Button am Wechselrichter für 3 Sekunden drücken

- STOP wählen

2



POWER

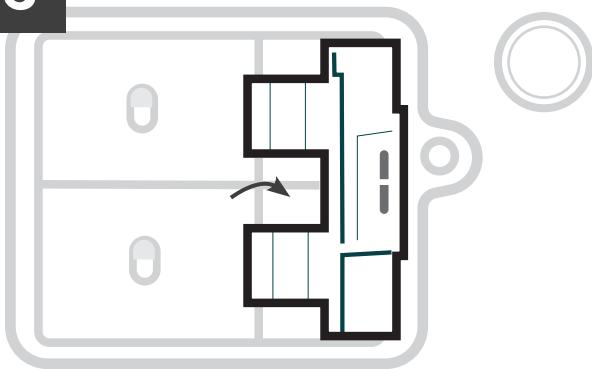


Top pack 2.0:
Taster für 5 sek drücken
(bis die Status LED erlischt)

Top pack 1.0:
Schalter betätigen

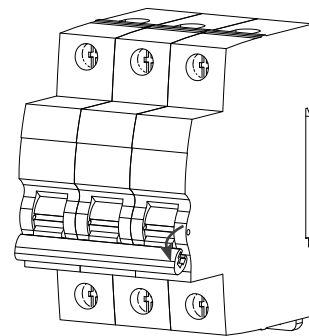
POWER button an der Batterie (top pack) betätigen

3



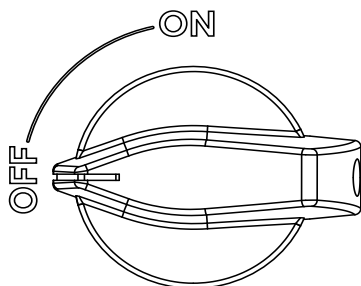
DC-Schalter an der Batterie (top pack) ausschalten

4



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

5

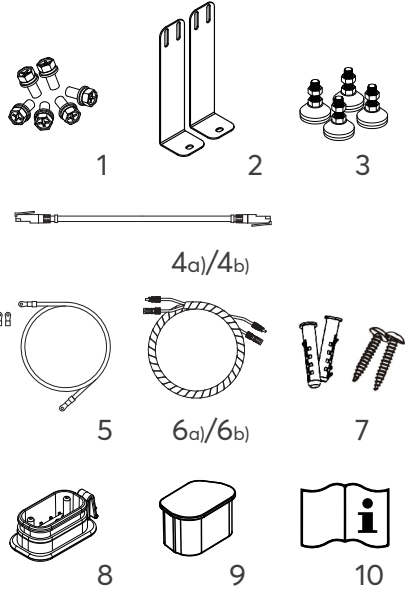


DC-Schalter am Wechselrichter ausschalten

COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Battery vision packs

Contenu de la livraison top pack



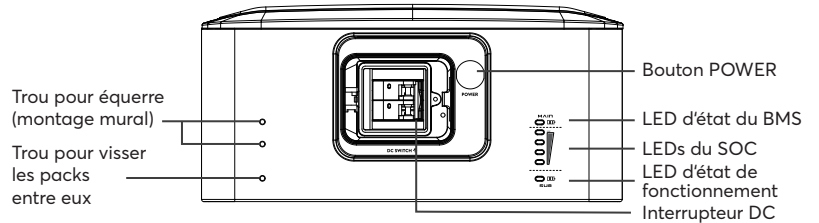
- 1 Vis
2 pour visser les packs et
4 pour les équerres de montage
- 1a) M6 (top pack 2.0)
1b) M5 (top pack 1.0)
- 2 Équerres de montage
- 3 Pied de support
- 4 Câble de comm.
BMS-Inverter
- 4a) 3,0 m (pack 2.0)
4b) 1,5 m (pack 1.0)
- 5 Câble de mise à la terre
(avec 2 cosses suppl.)
- 6 Câble DC batteries
- 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

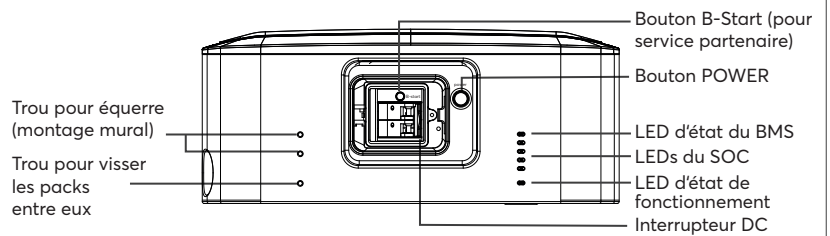


- 23 Vis pour visser les packs
et les équerres de montage
- 23a) M6 (pack 2.0)
23b) M5 (pack 1.0)
- 24 Consignes de sécurité

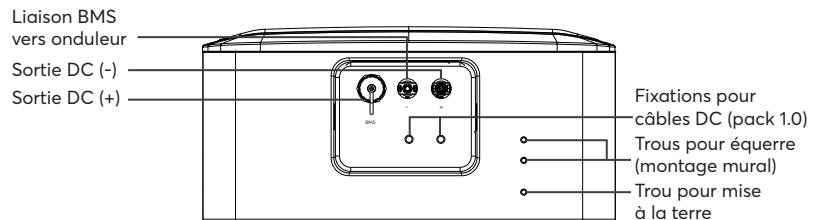
Vue du côté gauche top pack 2.0



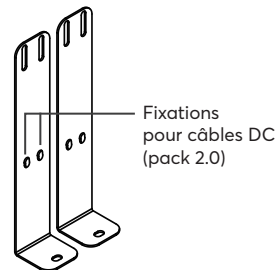
Vue du côté gauche top pack 1.0



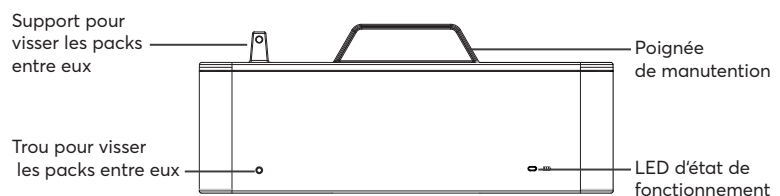
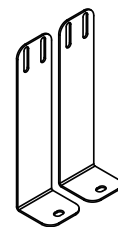
Vue du côté droit



Équerres de montage top pack 2.0

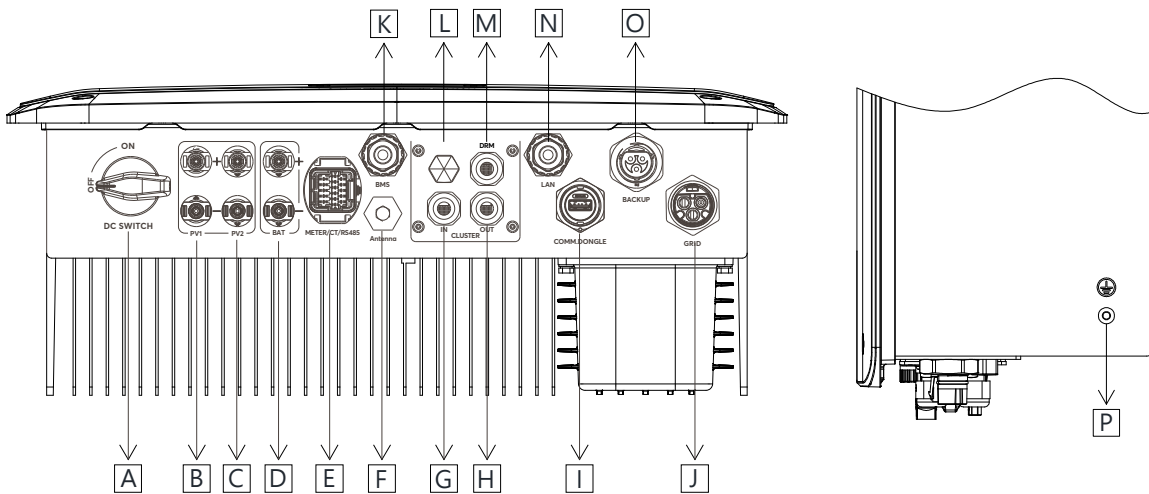


Équerres de montage top pack 1.0



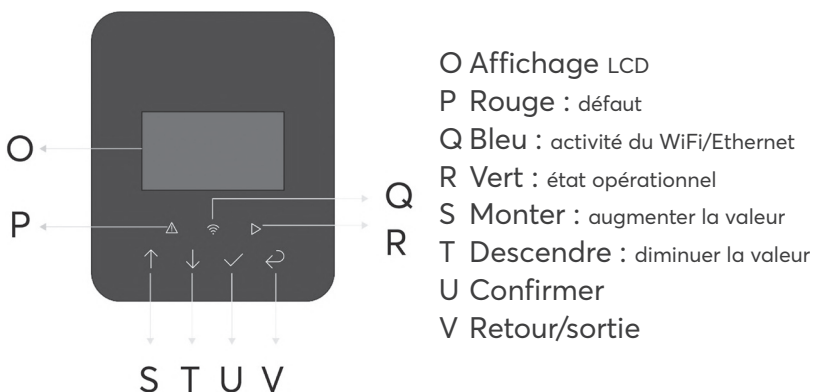
COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Inverter vision one 1.0



- | | | |
|----------------------------------|--|---------------------------|
| A Interrupteur DC SWITCH | G Entrée CLUSTER (IN) | L Bouchon étanche |
| B Entrées PV 1 | H Sortie CLUSTER (OUT) | M Port DRM |
| C Entrées PV 2 | I Port COMM. DONGLE | N PORT LAN |
| D Connecteurs batteries | Service USB sticks for special updates | O Sortie AC BACKUP |
| E Port Meter / CT / RS485 | J Sortie AC GRID | P Mise à la terre |
| F Antenne BLUETOOTH/WIFI | K Liaison BMS depuis batteries | |

- | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| | | | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | | | | | | |
| 20 | 21 | 22 | | | | | | |

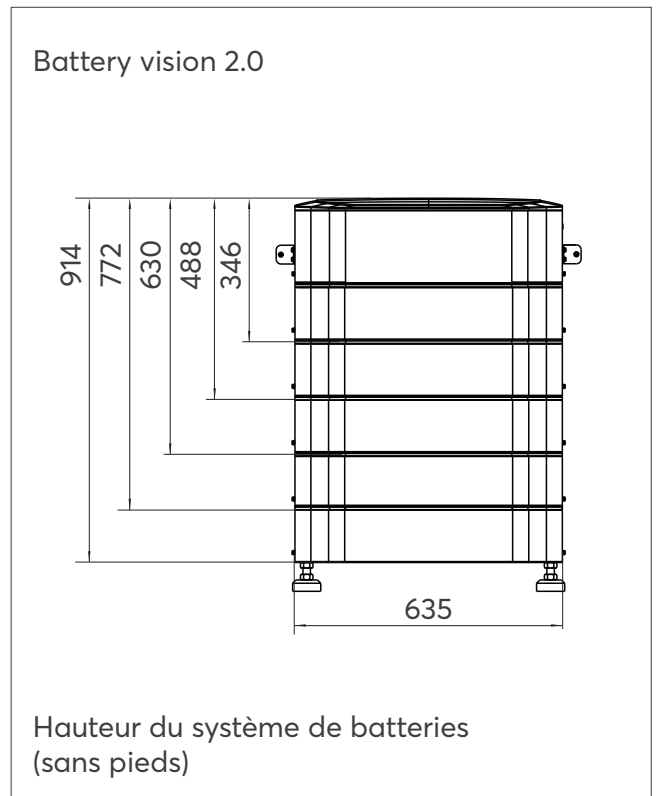
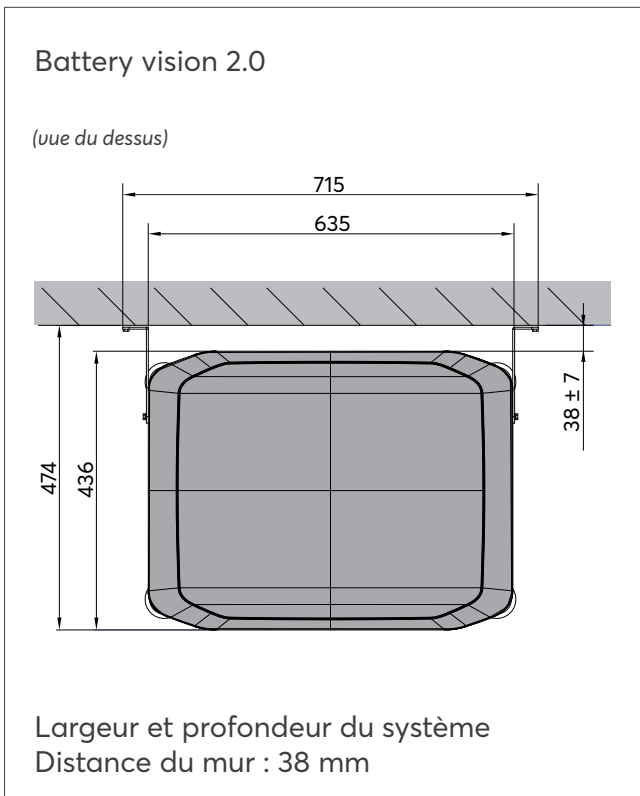
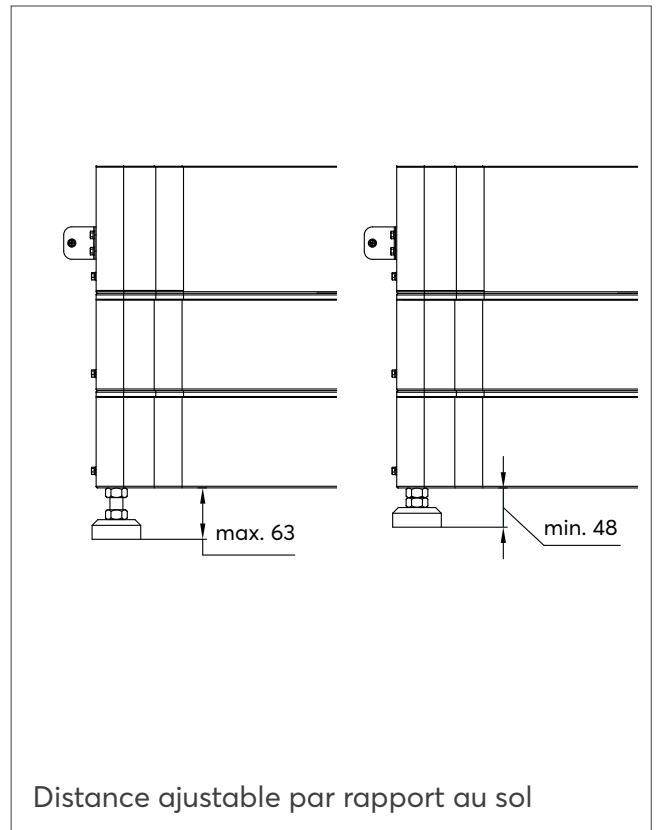
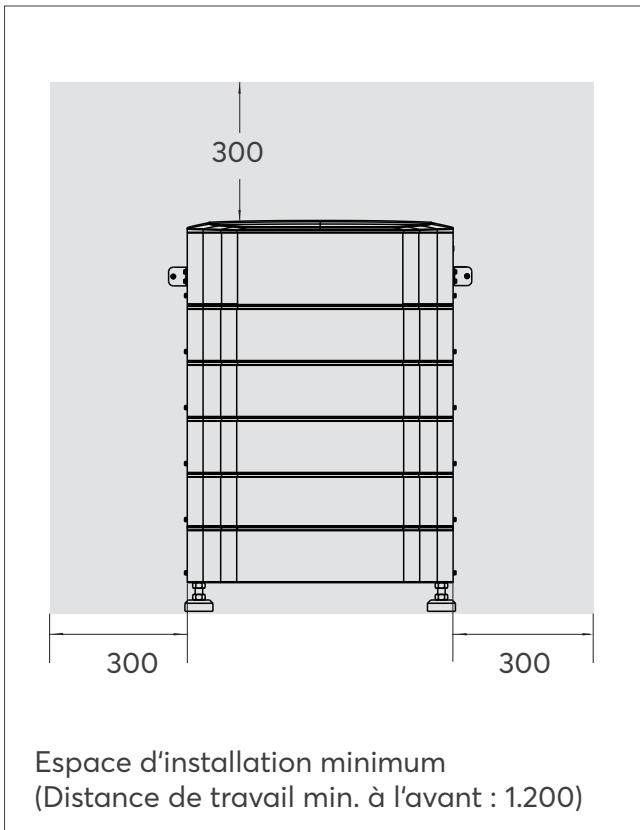


- O Affichage LCD
- P Rouge : défaut
- Q Bleu : activité du WiFi/Ethernet
- R Vert : état opérationnel
- S Monter : augmenter la valeur
- T Descendre : diminuer la valeur
- U Confirmer
- V Retour/sortie

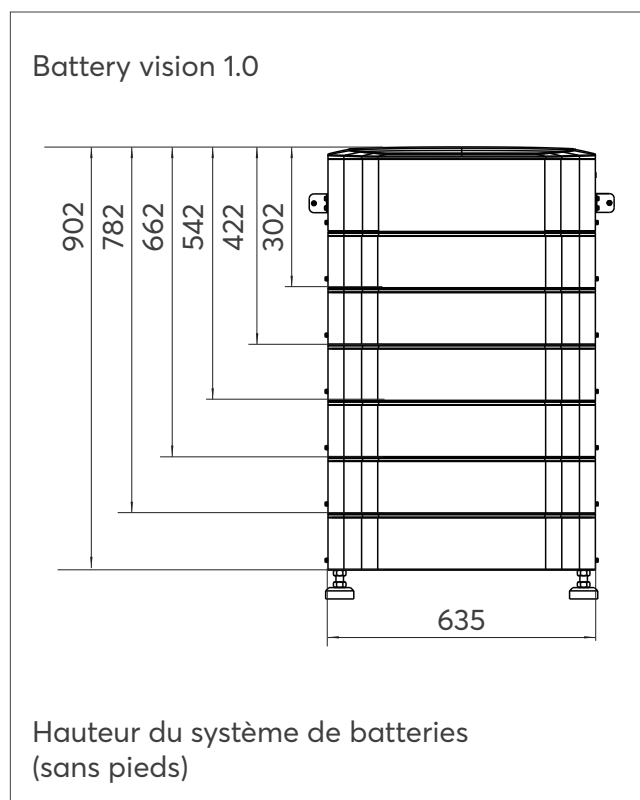
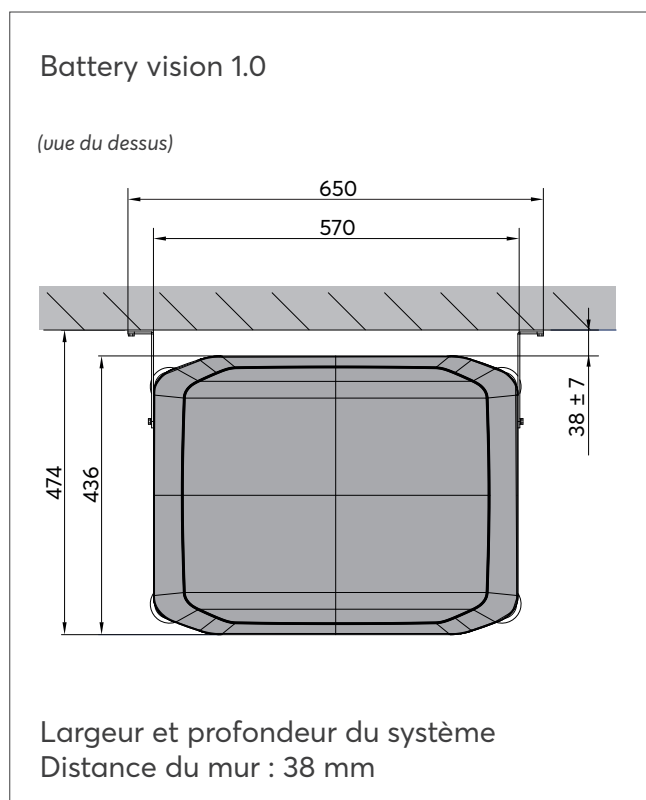
Équipement supp. requis :

- 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

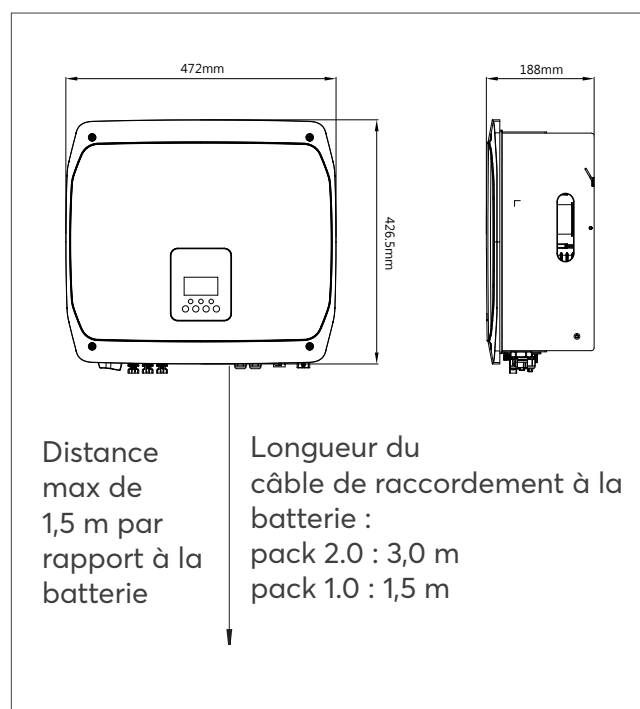
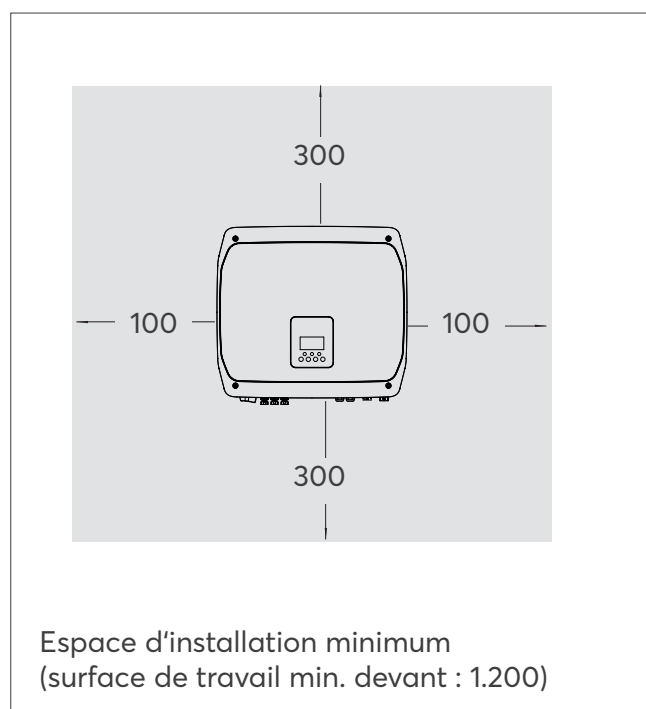
DIMENSIONS DE LA BATTERY VISION [MM]



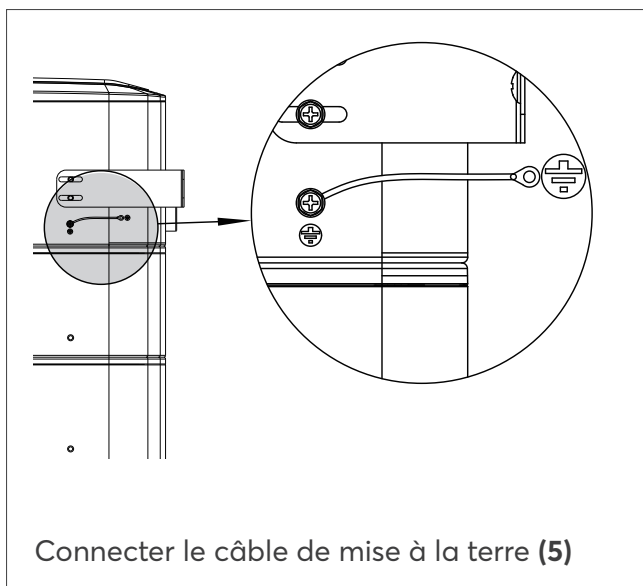
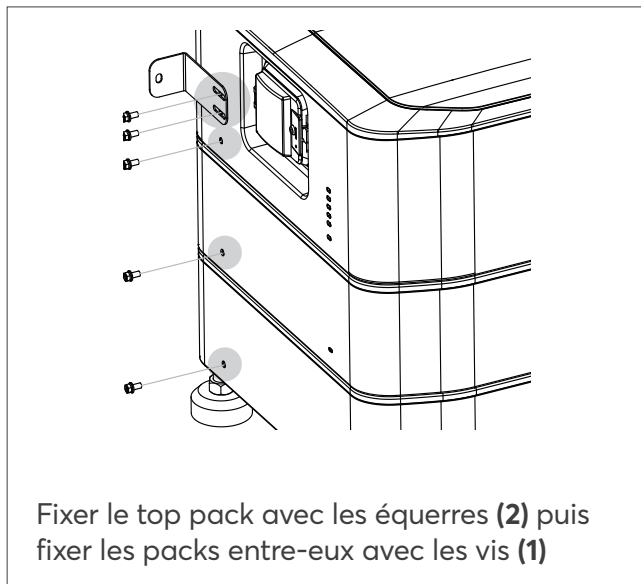
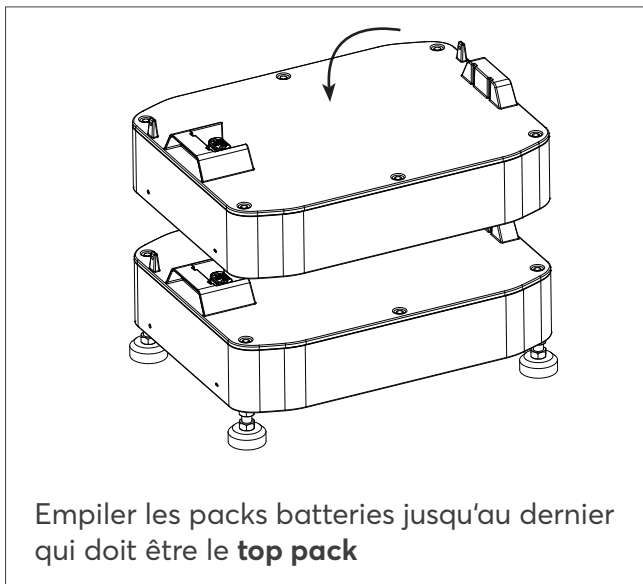
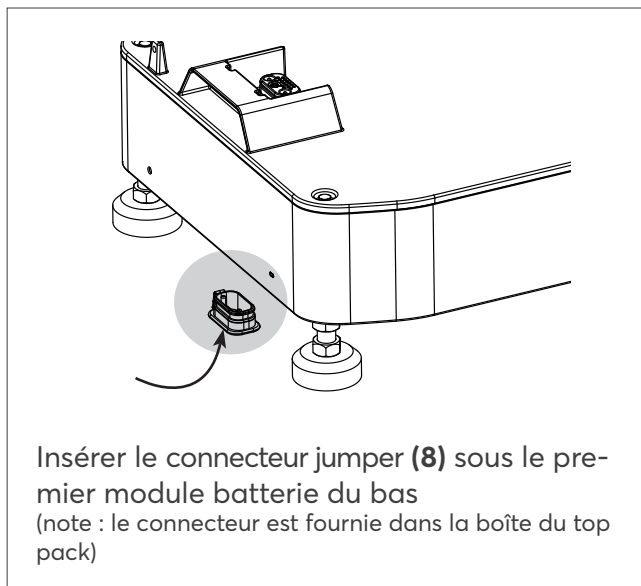
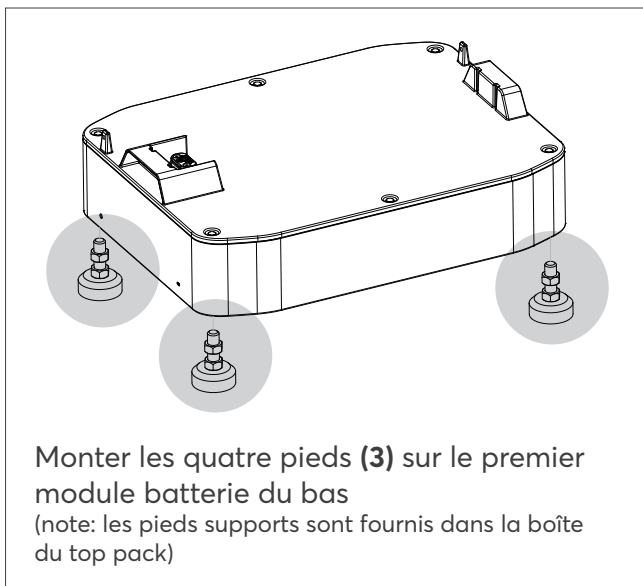
DIMENSIONS DE LA BATTERY VISION [MM]



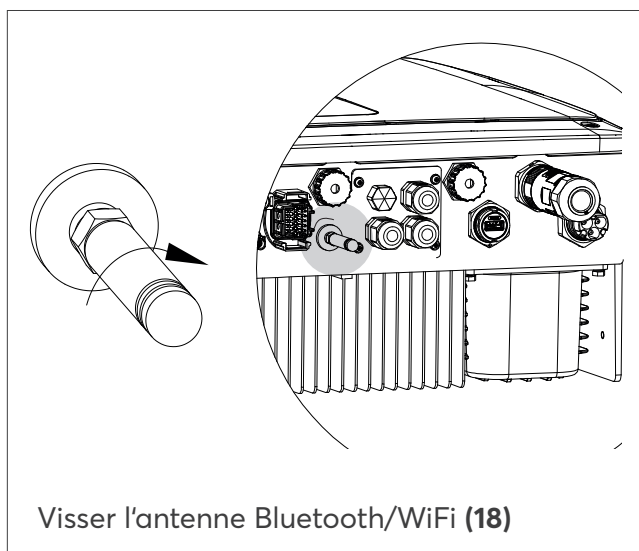
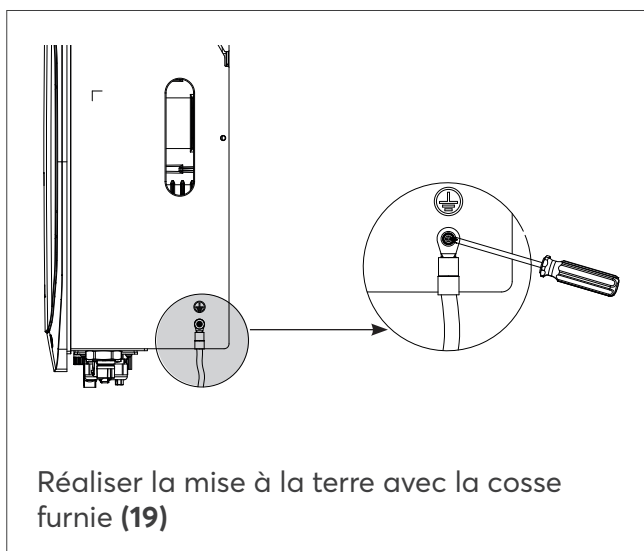
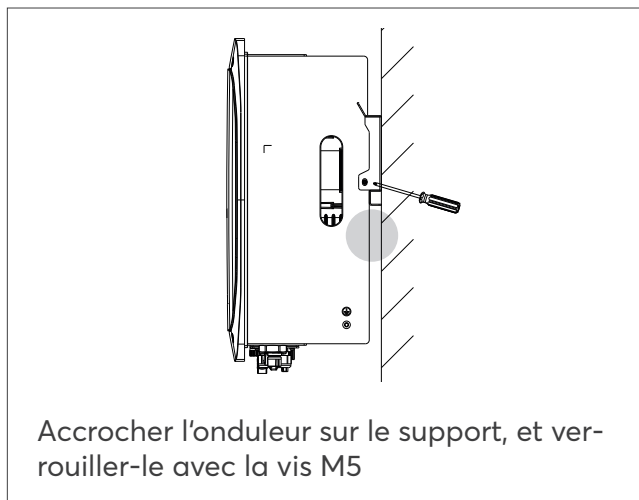
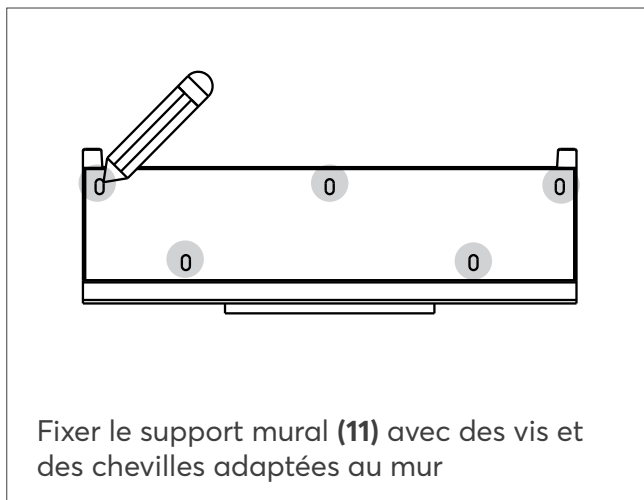
DIMENSIONS DE L'ONDULEUR INVERTER VISION ONE [MM]



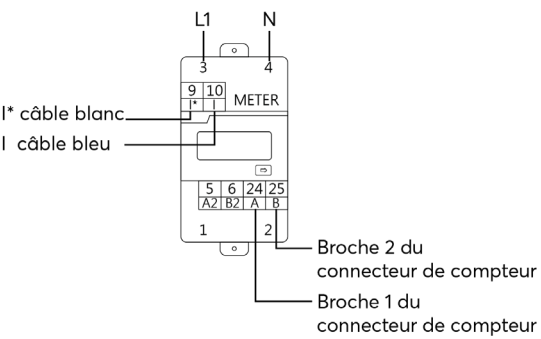
MONTAGE ET CÂBLAGE DES PACKS BATTERIES



MONTAGE ET ET CÂBLAGE DE L'ONDULEUR

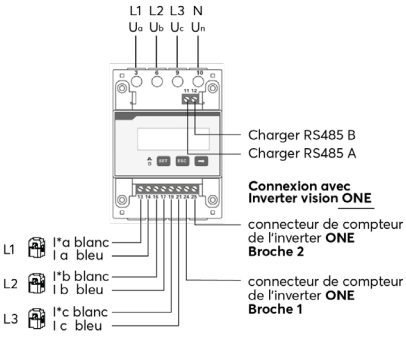


MONTAGE ET CÂBLAGE DU COMPTEUR



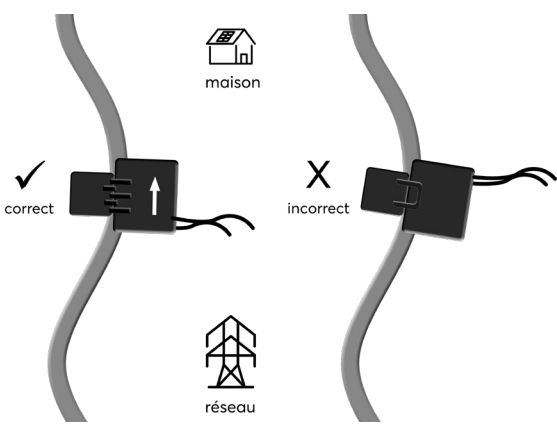
Réseau monophasé

Installer le **compteur monophasé (20)** sur le rail de l'armoire domestique, raccorder le compteur selon le schéma de câblage p. 4



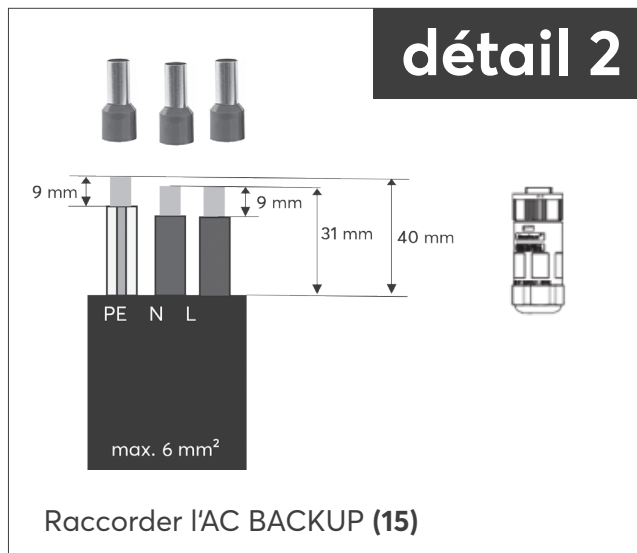
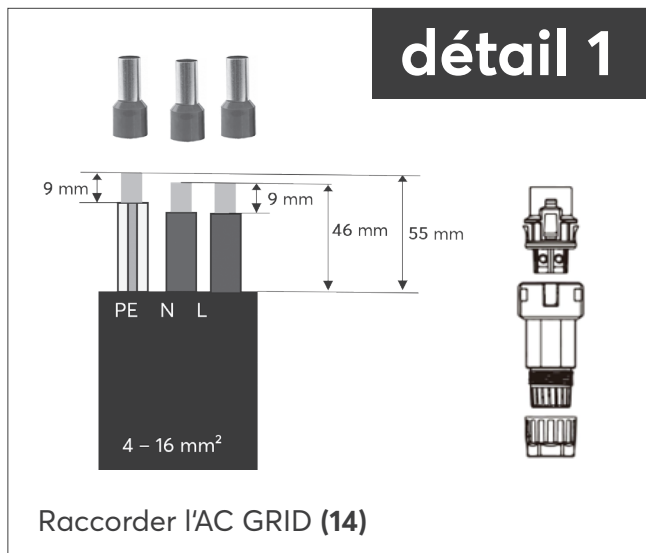
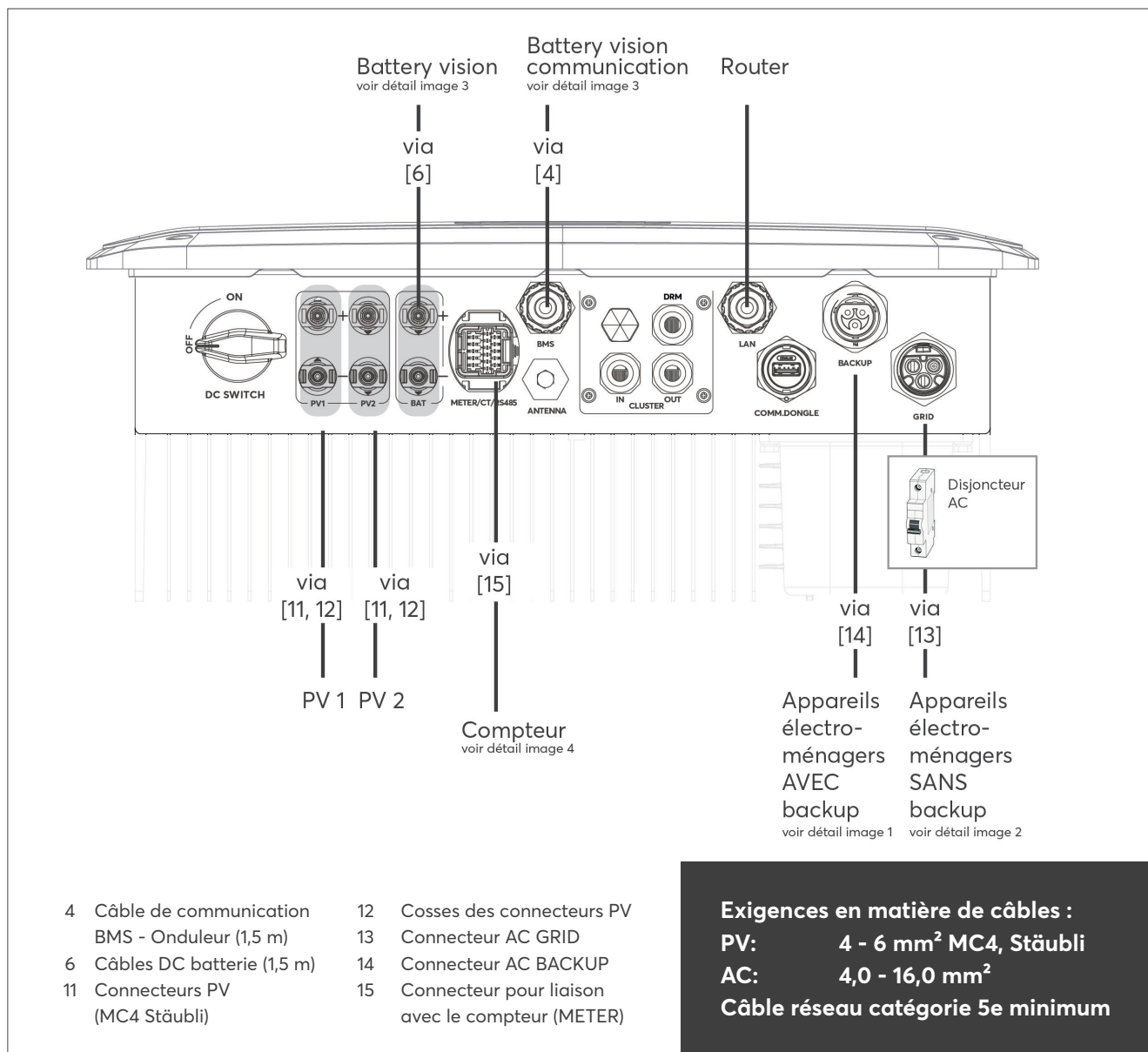
Réseau triphasé

Installer le **compteur triphasé** (à commander auprès de Solarwatt) sur le rail de l'armoire domestique, raccorder le compteur selon le schéma de câblage p. 5



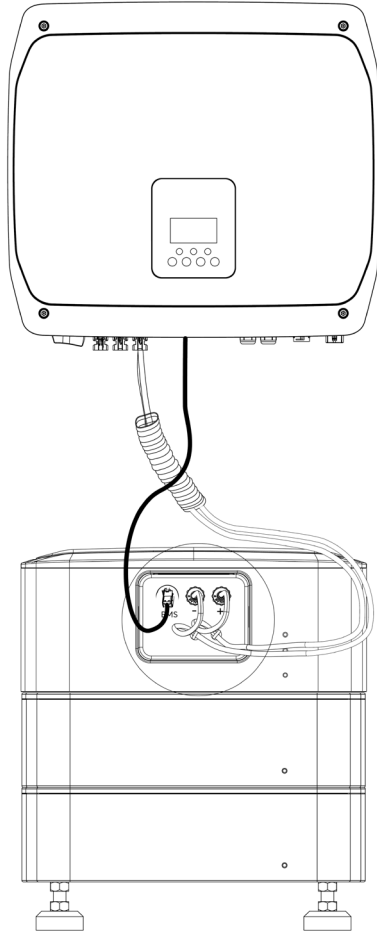
Sens correct de la mesure du courant par la pince CT : la flèche sur la pince CT est orientée vers les consommateurs domestiques.

CÂBLAGE DE L'ONDULEUR



MONTAGE ET CÂBLAGE DE L'ONDULEUR

détail 1



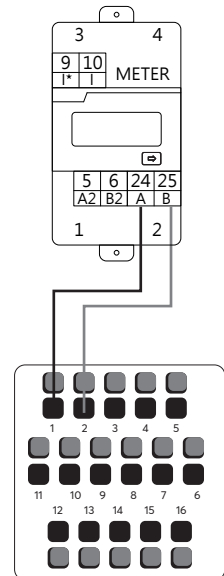
Raccorder la batterie à l'aide des câbles DC batteries (6) et du câble de communication BMS - Onduleur (4)

détail 2a

PIN du compteur	24	25
-----------------	----	----

PIN du connecteur	1	2
-------------------	---	---

(Vue du côté des connexions)



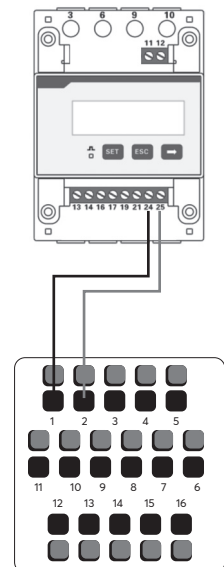
Raccorder le compteur Chint monophasé à l'aide du connecteur prévu à cet effet (15)

détail 2b

PIN du compteur	24	25
-----------------	----	----

PIN du connecteur	1	2
-------------------	---	---

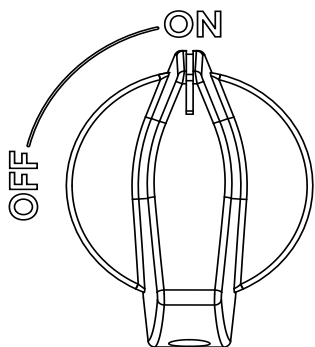
(Vue du côté des connexions)



Alternativement dans les systèmes triphasés : Raccorder le compteur Chint triphasé (à commander auprès de Solarwatt) à l'aide du connecteur prévu à cet effet

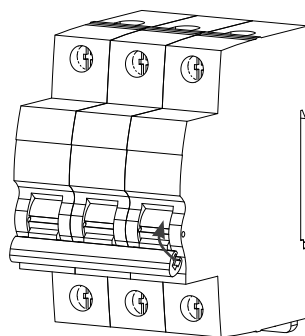
DÉMARRAGE DU SYSTÈME

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

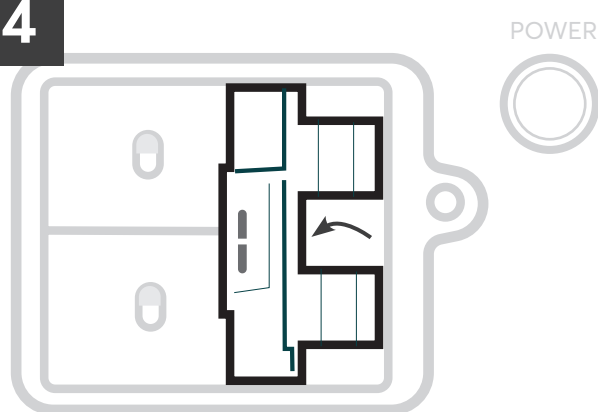


- définir le code réseau pour la sécurité du réseau
- reseau régler l'heure

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

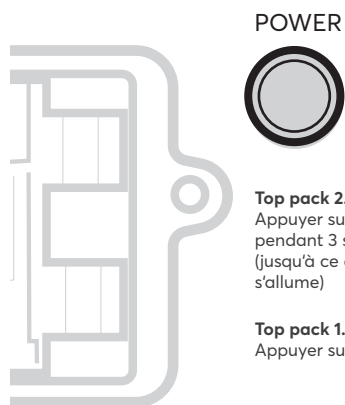
- sélectionner START

4



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

5



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)

Detecter 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

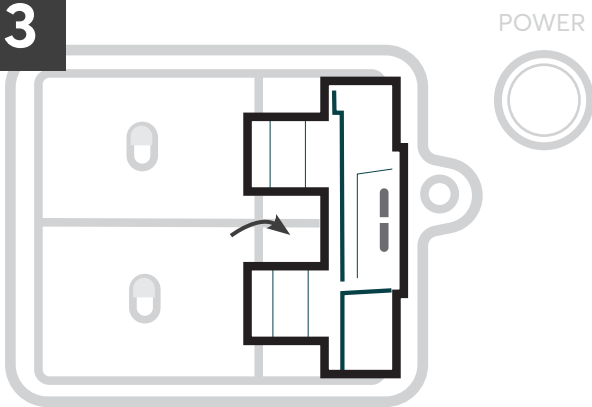


Top pack 2.0:
Appuyer sur le bouton pendant 5 secondes (jusqu'à ce que la LED d'état s'éteigne)

Top pack 1.0:
Appuyer sur l'interrupteur

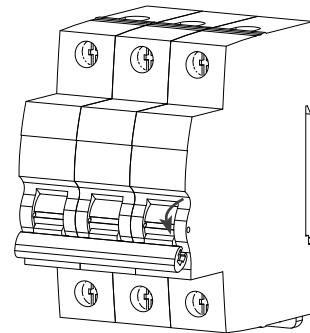
Appuyer sur le bouton POWER (top pack)

3



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

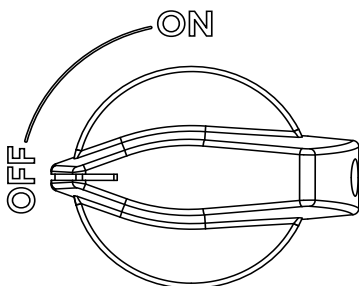
4



Éteindre

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

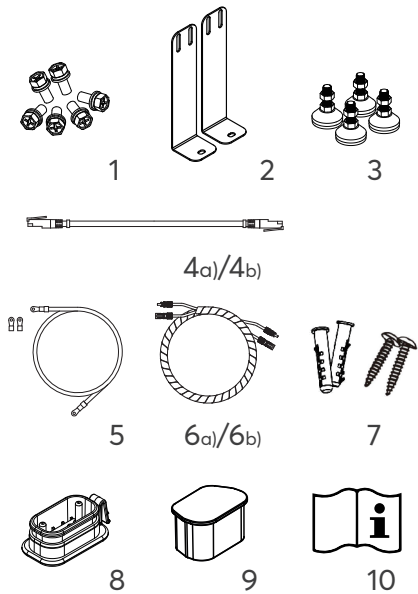
5



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

Battery vision packs

Liste di imballaggio top pack



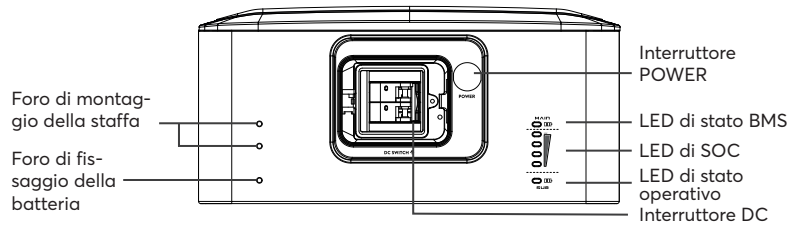
- 1 Viti di montaggio
2 per i pack e 2 per la staffa di fissaggio
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Staffa di fissaggio
- 3 Piedini di appoggio
- 4 Cavo di com., BMS - Inverter
- 4a) 3,0 m (pack 2.0)
- 4b) 1,5 m (pack 1.0)
- 5 Cavo di messa a terra
(con 2 capicorda aggiuntivi)
- 6 Cavo 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

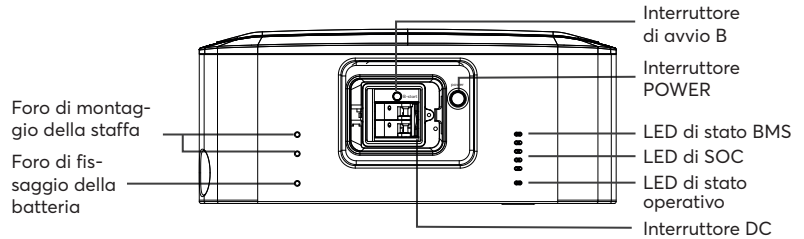


- 23 Viti di fissaggio per i pack
- 23a) M6 (pack 2.0)
- 23b) M5 (pack 1.0)
- 24 Istruzioni di sicurezza

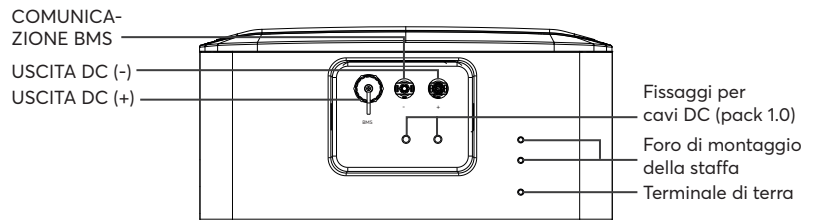
Vista dal lato sinistro top pack 2.0



Vista dal lato sinistro top pack 1.0

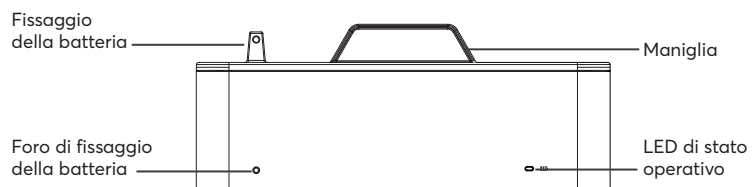
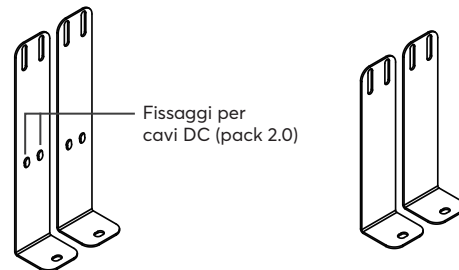


Vista dal lato destro



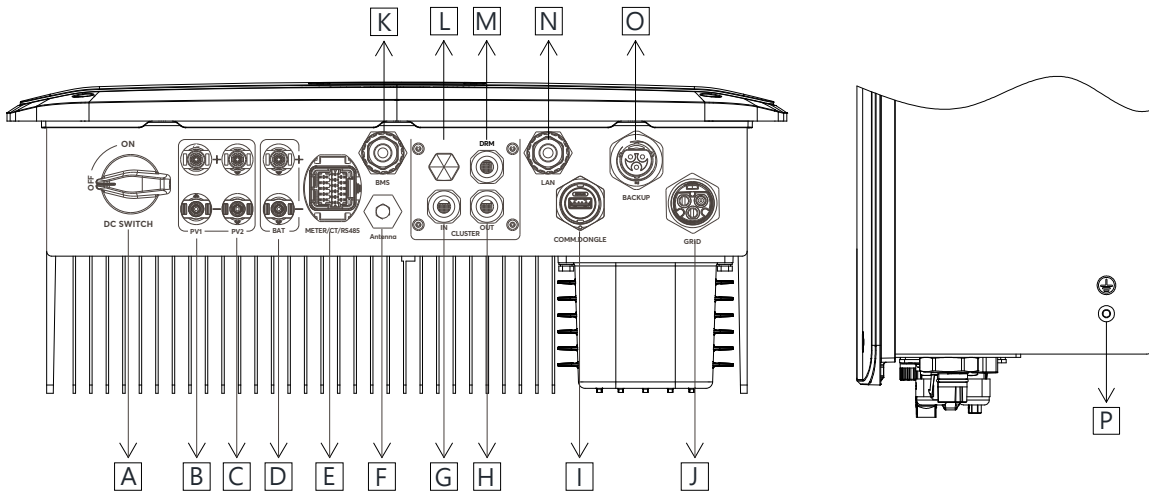
Staffa di fissaggio top pack 2.0

Staffa di fissaggio top pack 1.0



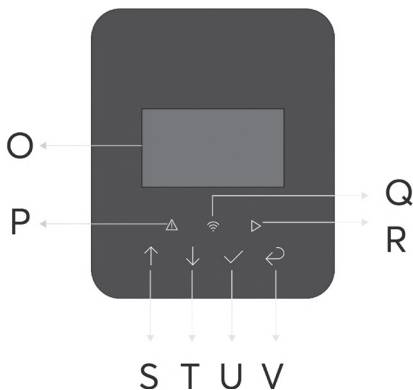
DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

Inverter vision one 1.0



- | | | |
|--------------------------|---------------------|----------|
| A INTERRUTTORE DC SWITCH | G CLUSTER IN | M DRM |
| B FV 1 | H CLUSTER OUT | N LAN |
| C FV 2 | I COMM. DONGLE | O BACKUP |
| D CONNESSIONE BATTERIA | J RETE ELECTRICA AC | P TERRA |
| E CONTATORE / TA / RS485 | K BMS | |
| F BLUETOOTH/WIFI | L VALVOLA DI BOLCCO | |

- | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| | | | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | | | | | | | | |
| 20 | 21 | 22 | | | | | | |

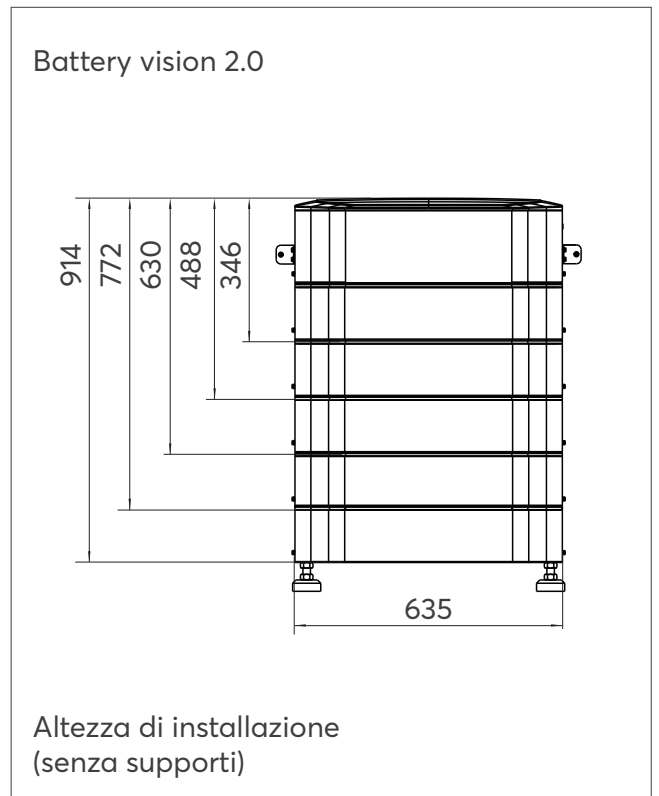
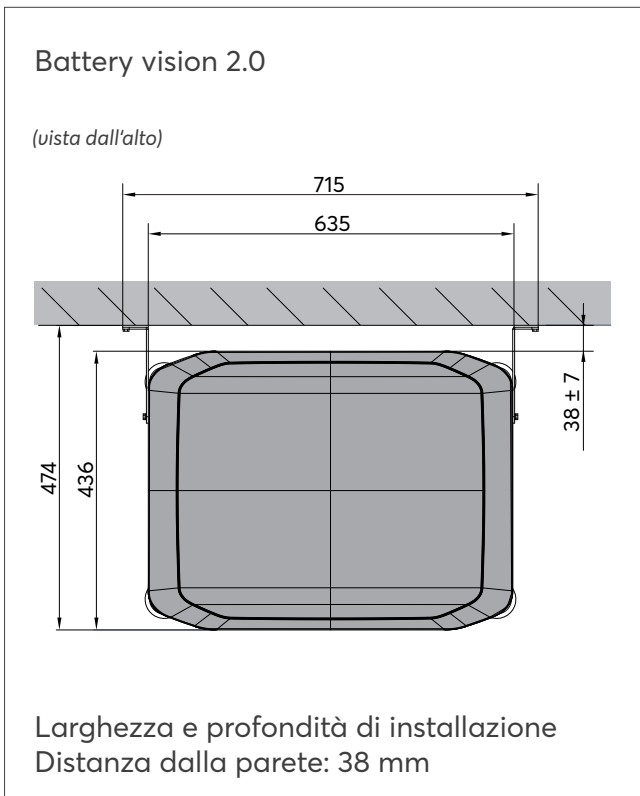
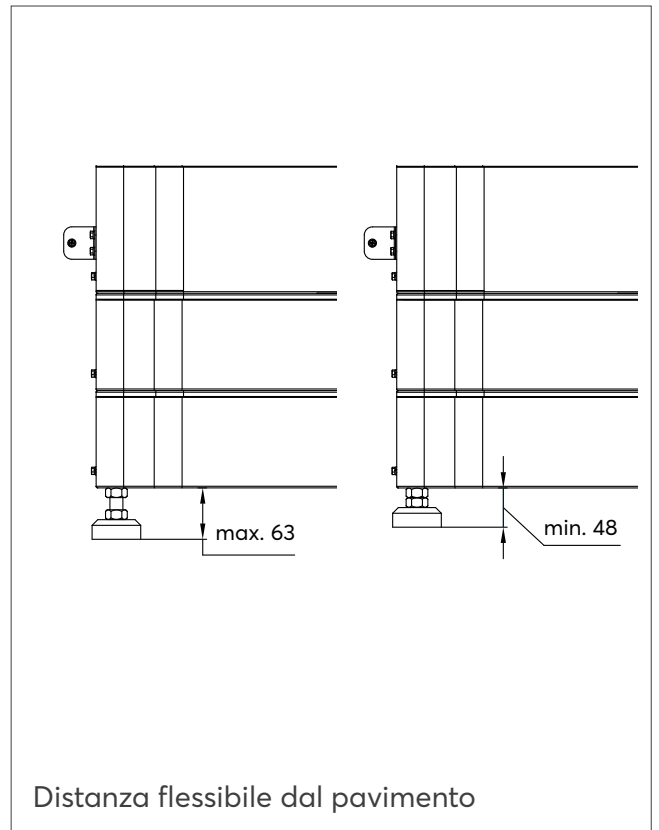
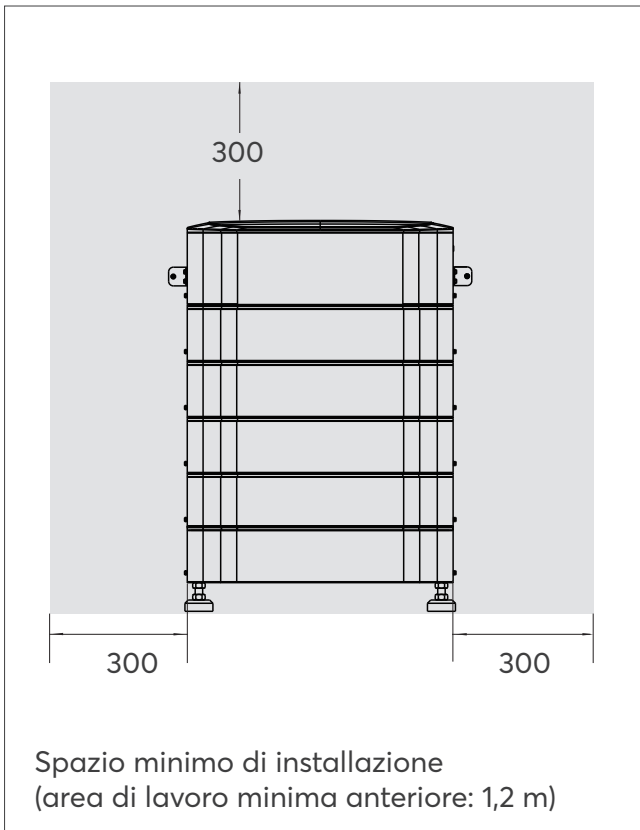


- O Schermo LCD (visualizza le informazioni dell'inverter)
- LED di stato:**
- P Rosso: segnalazione guasto
- Q Blu: attività WiFi/Ethernet
- R Verde: stato di normale funzionamento
- Pulsanti funzione:**
- S SU: sposta il cursore verso l'alto o aumenta il valore
- T GIU: sposta il cursore verso il basso o diminuisci il valore
- U OK: conferma la selezione
- V Ritorno: ritorna all'operatività precedente/uscita

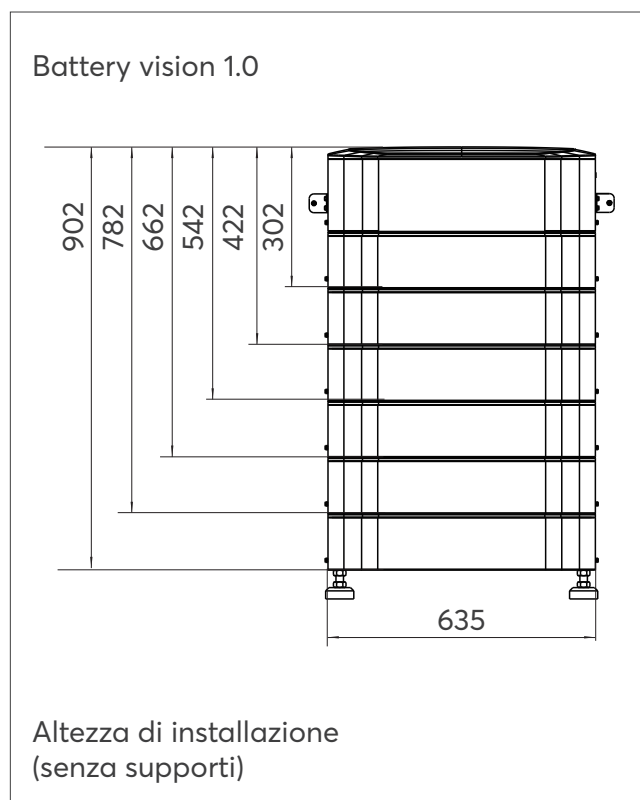
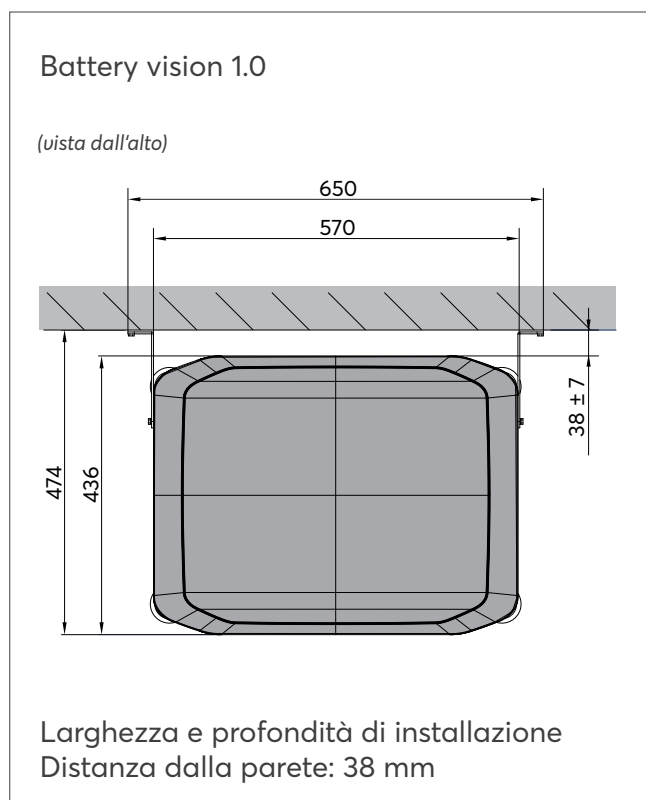
È necessario un equipaggiamento aggiuntivo:

- Cavo di comunicazione (cavo RS485 a 2 fili) per collegare il TA al misuratore
- Cavo DC e AC per inverter
- Cavo LAN per inverter (opzionale)
- Cavo di messa a terra per l'inverter
- Interruttore automatico

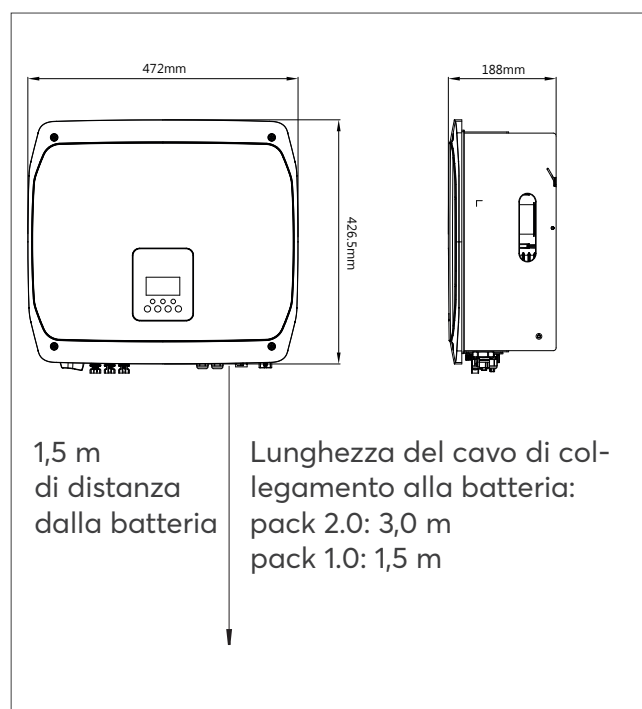
DIMENSIONI BATTERY VISION [MM]



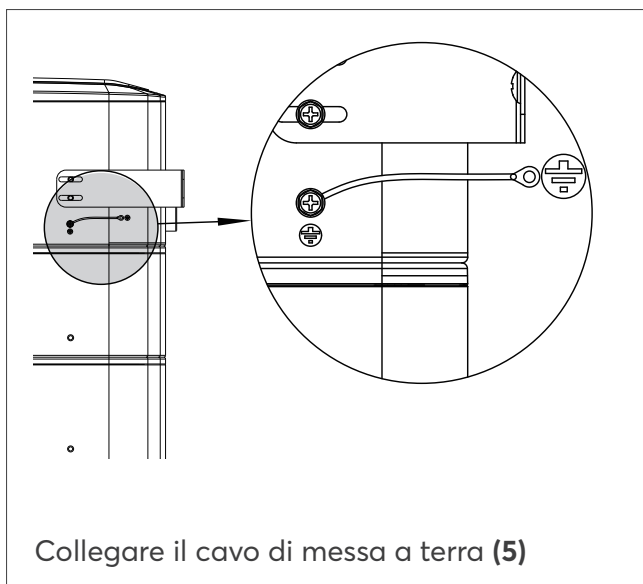
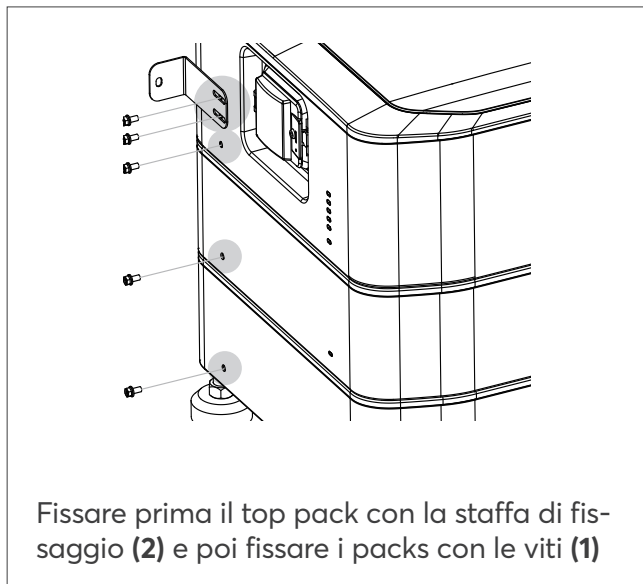
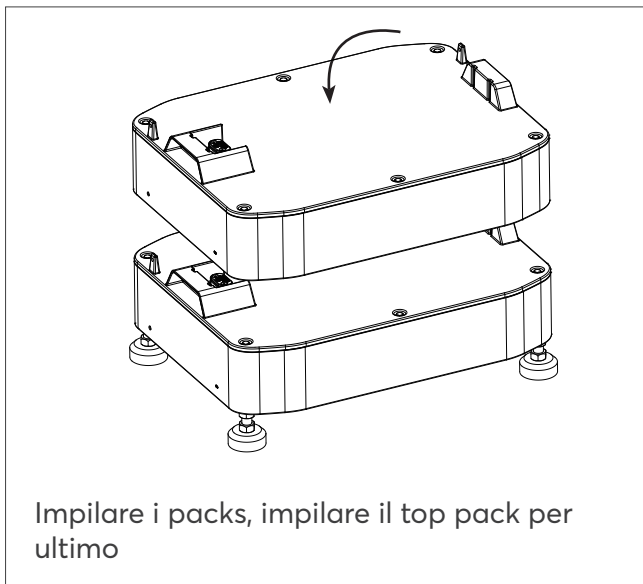
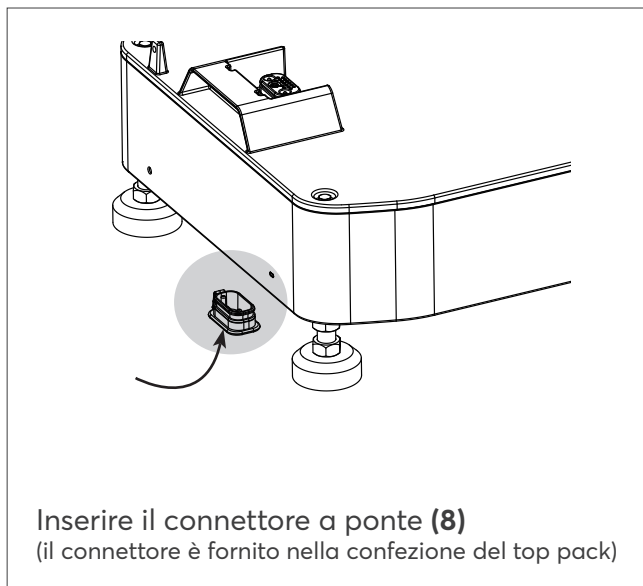
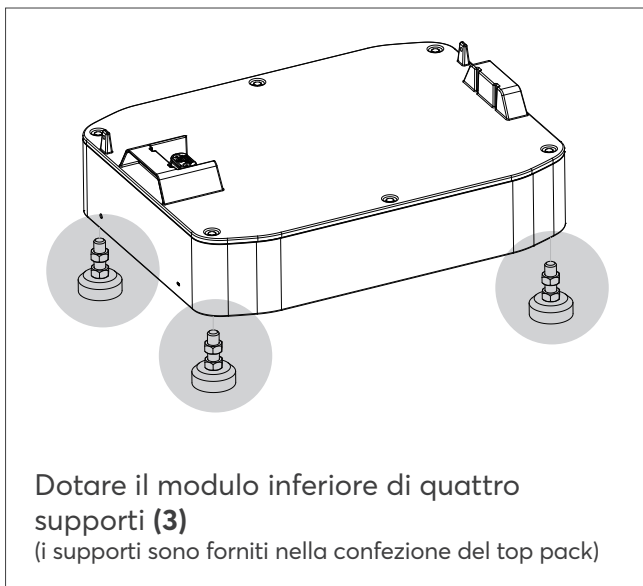
DIMENSIONI BATTERY VISION [MM]



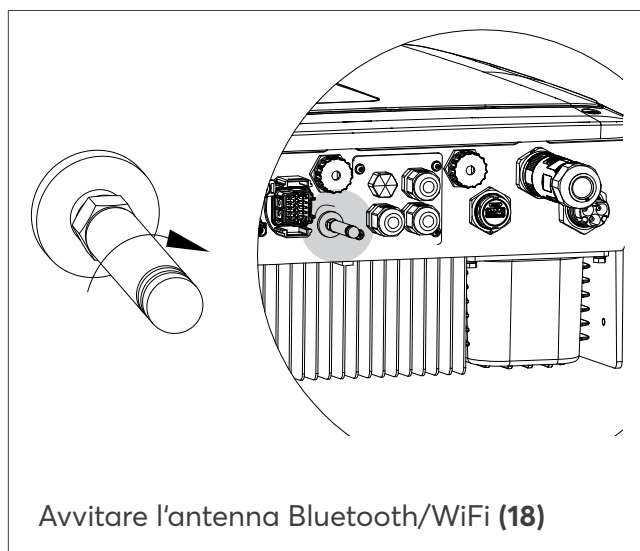
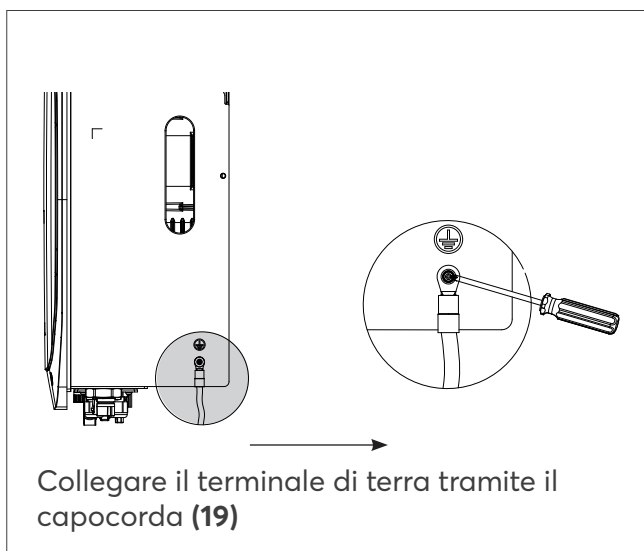
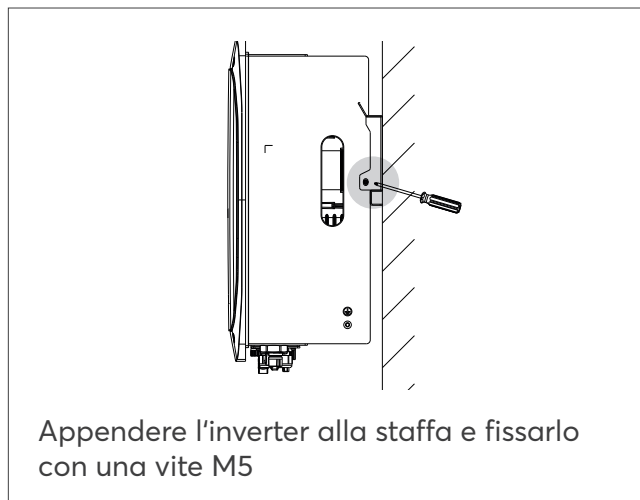
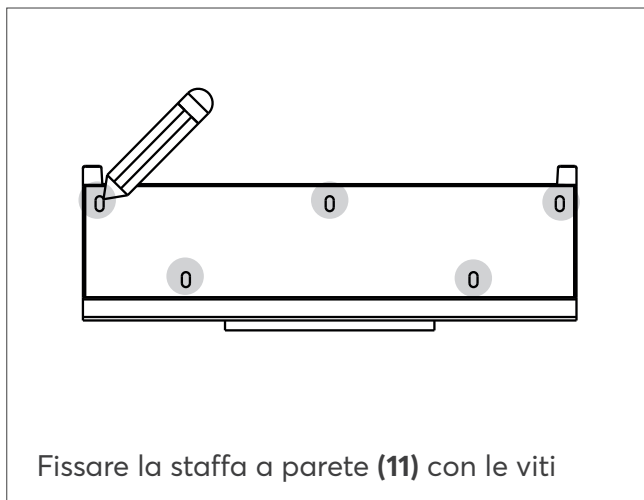
DIMENSIONI INVERTER VISION ONE [mm]



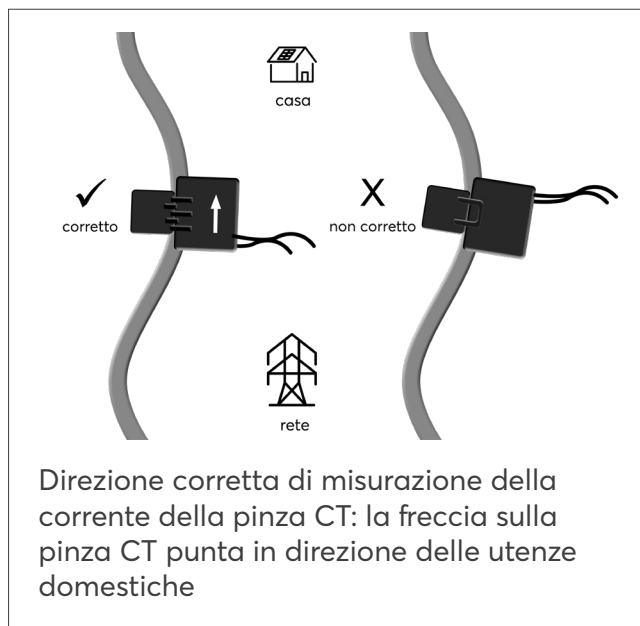
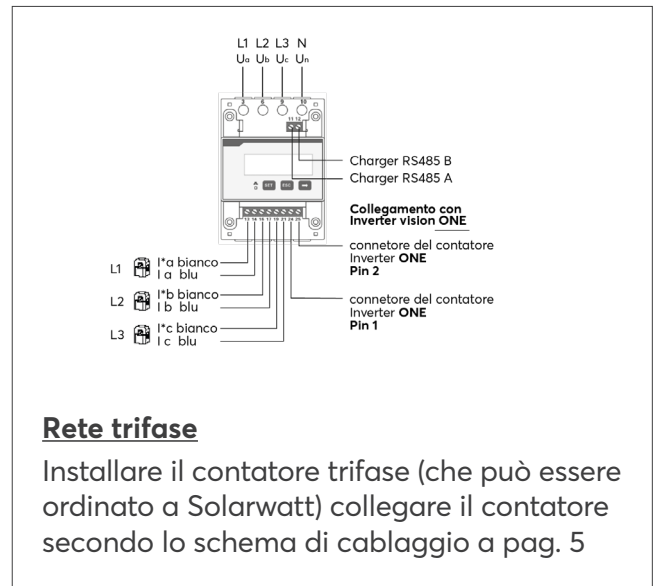
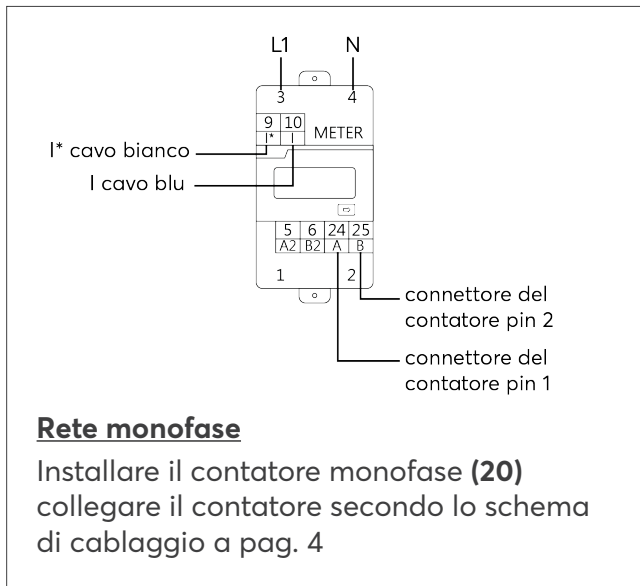
BATTERY PACKS MONTAGGIO E CABLAGGIO



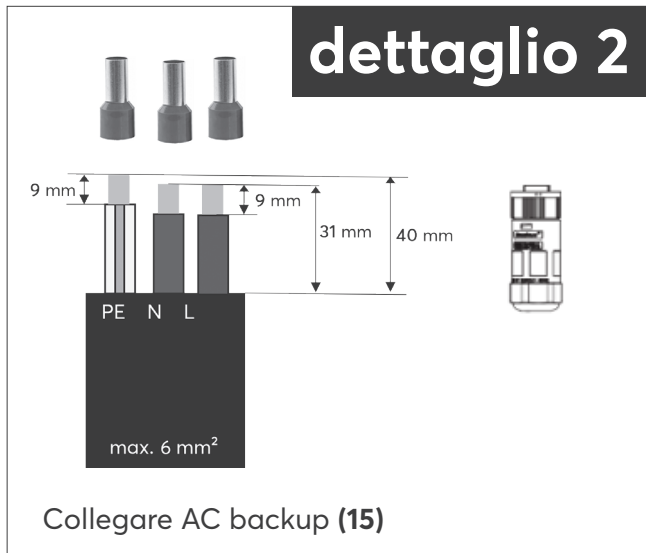
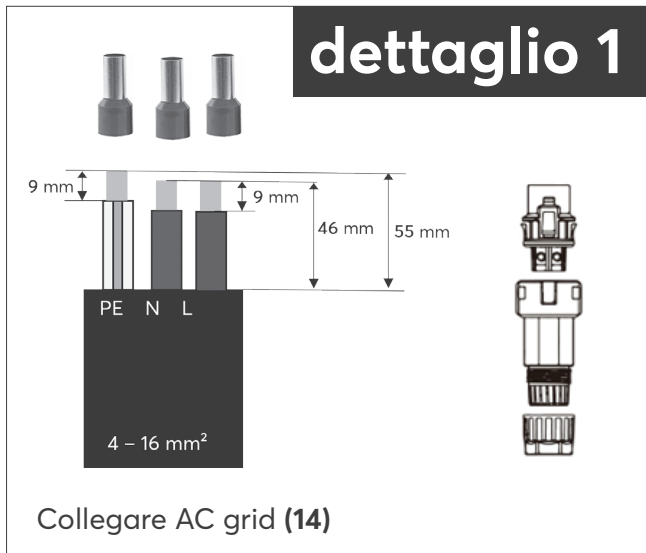
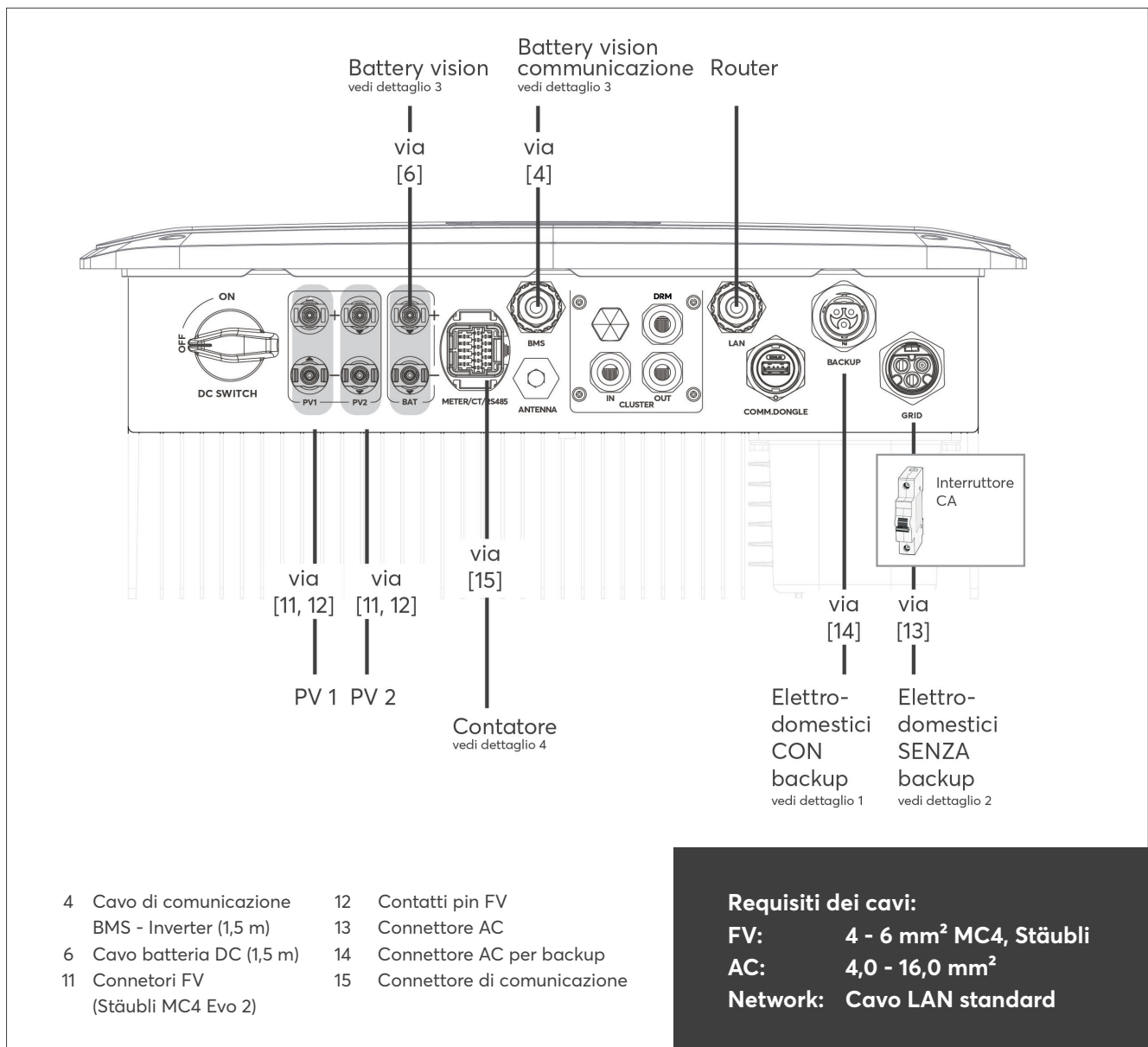
INVERTER MONTAGGIO E CABLAGGIO



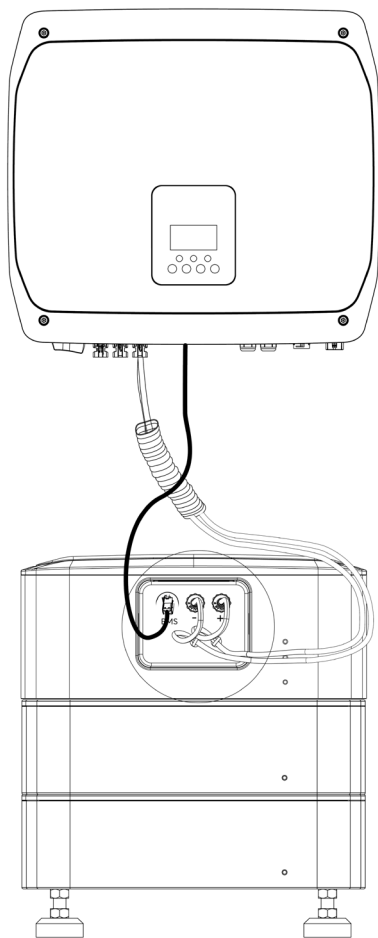
CONTATORE MONTAGGIO E CABLAGGIO



CABLAGGIO DELL'INVERTER



dettaglio 1



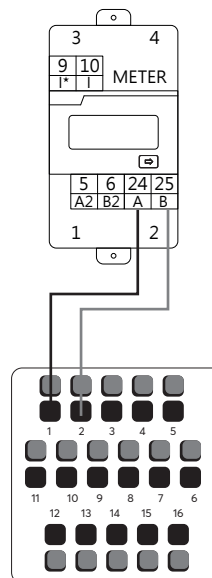
Collegare la batteria (6, 4)

dettaglio 2a

PIN del contatore	24	25
-------------------	----	----

PIN adattatore	1	2
----------------	---	---

(Vista dal lato delle connessioni)



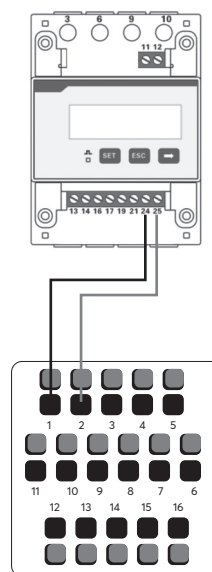
Collegare il contatore monofase (15)

dettaglio 2b

PIN del contatore	24	25
-------------------	----	----

PIN adattatore	1	2
----------------	---	---

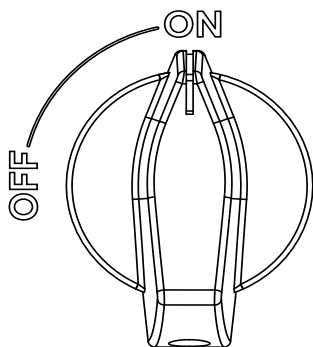
(Vista dal lato delle connessioni)



In alternativa nelle reti trifase: Collegare il contatore trifase (che può essere ordinato a Solarwatt)

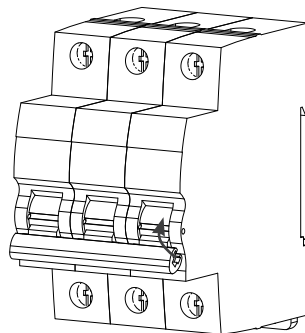
AVVIO DEL SISTEMA

1



Accendere l'interruttore DC dell'inverter

2



Accendere

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

3

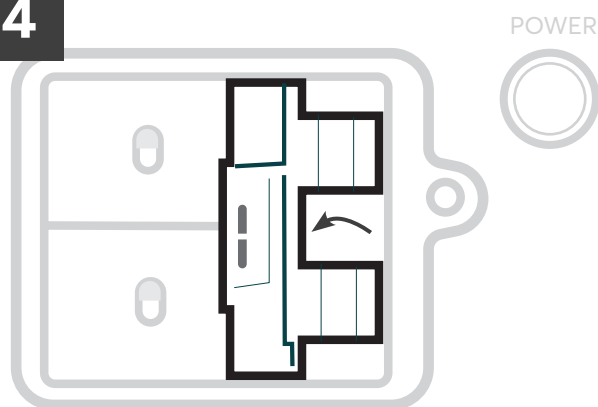


- impostare il codice della rete per la sicurezza della rete
- impostare l'ora

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

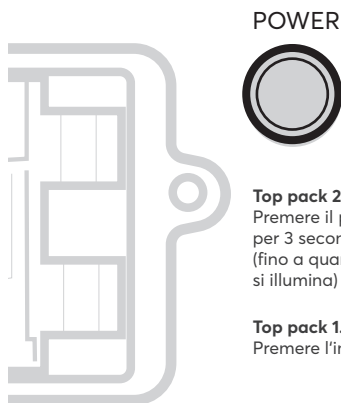
- selezionare START

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

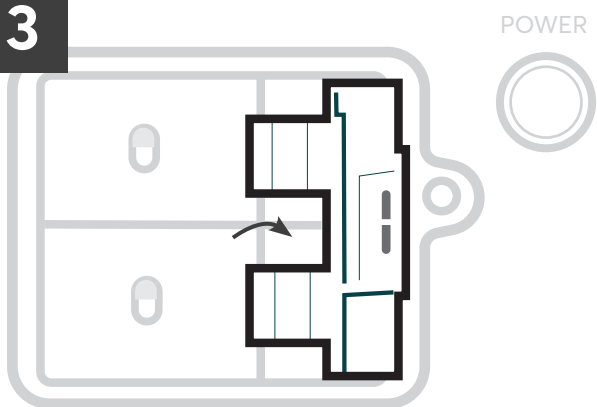


Top pack 2.0:
Premere il pulsante per 5 secondi (fino a quando il LED di stato non si spegne)

Top pack 1.0:
Premere l'interruttore

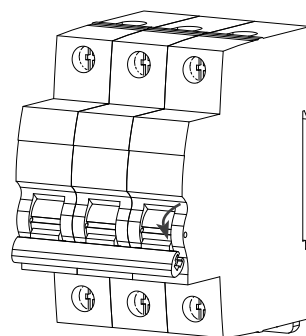
Premere il pulsante POWER (top pack)

3



Spegnere l'interruttore CC della batteria (top pack)

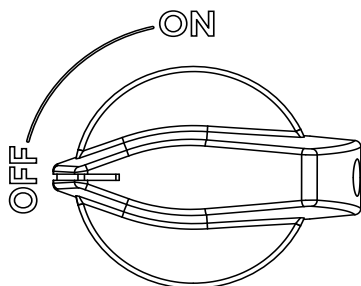
4



Spegnere

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

5

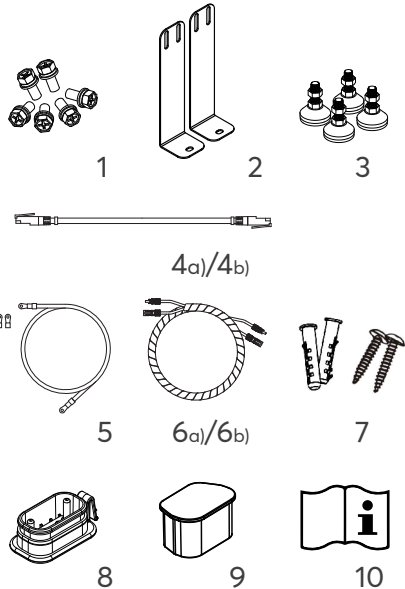


Disattivare l'interruttore CC dell'inverter

TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Battery vision packs

Paklijsten top pack



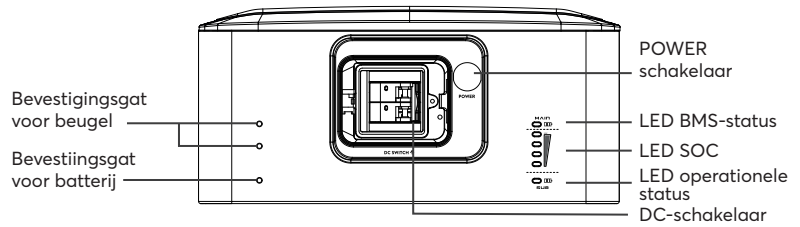
- 1 Schroeven
2 voor pack bevestiging en 2 voor beugel bevestiging
- 1a) M6 (top pack 2.0)
- 1b) M5 (top pack 1.0)
- 2 Bevestigingsbeugels
- 3 Voetsteunen
- 4 Comm.kabel, BMS - Inverter
4a) 3,0 m (pack 2.0)
4b) 1,5 m (pack 1.0)
- 5 Aardingskabel
(met 2 extra kabelschoenen)
- 6 DC kabel batterij
6a) 3,0 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

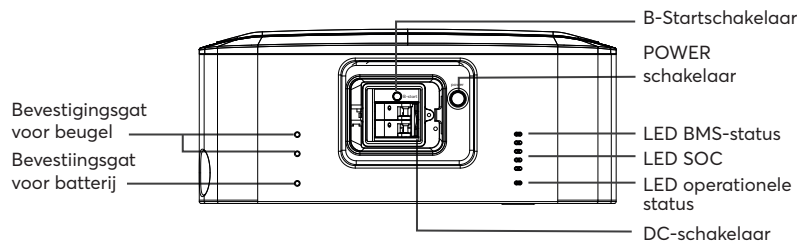


- 23 Schroeven
voor pack bevestiging
23a) M6 (pack 2.0)
23b) M5 (pack 1.0)
- 24 Veiligheidsinstructies

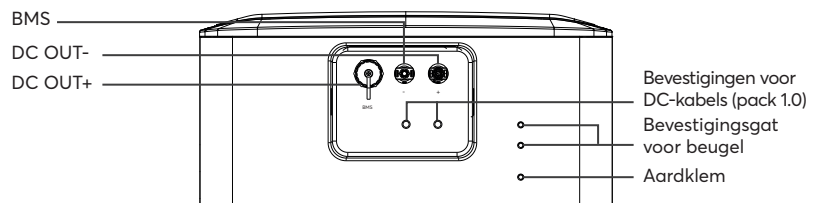
Linkeraanzicht top pack 2.0



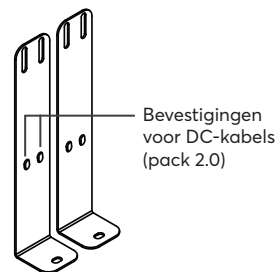
Linkeraanzicht top pack 1.0



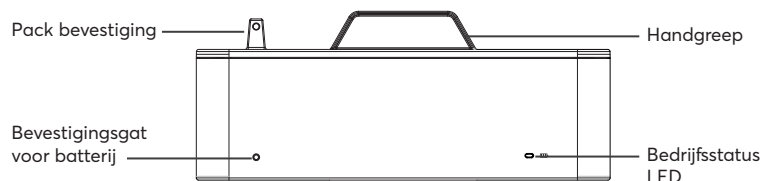
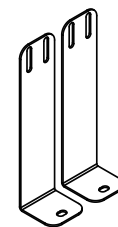
Rechteraanzicht



Bevestigingsbeugels top pack 2.0

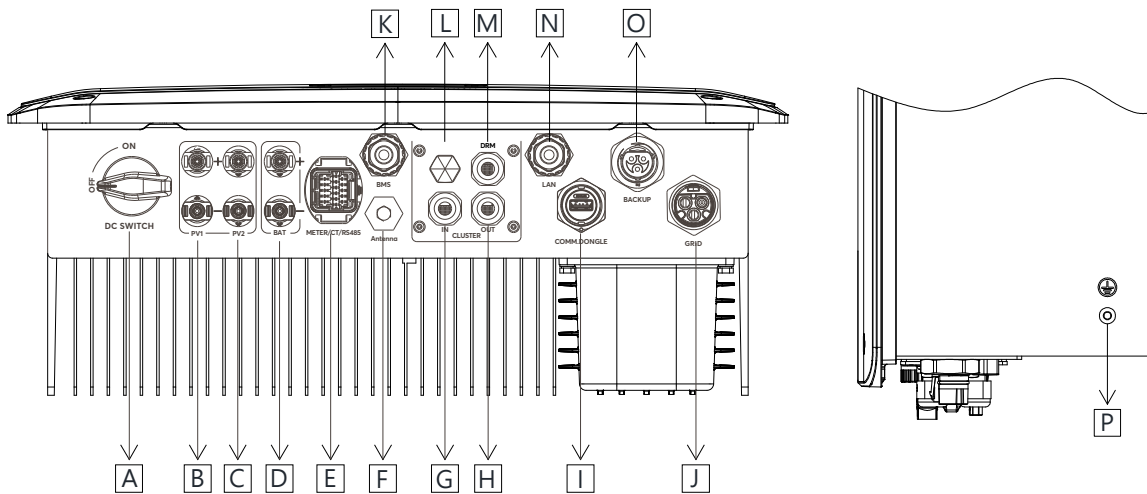


Bevestigingsbeugels top pack 1.0










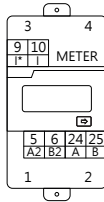




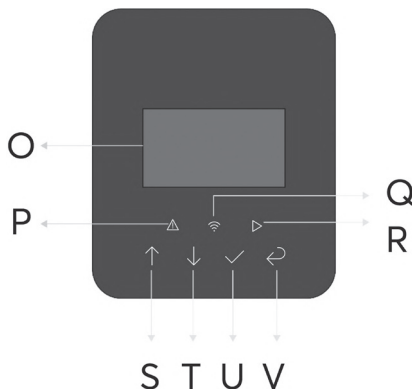
TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Inverter vision one 1.0



- | | | |
|----------------------|---------------------------|-----------|
| A DC SCHAKELAAR | G CLUSTER IN | M DRM |
| B PV 1 | H CLUSTER OUT | N LAN |
| C PV 2 | I COMM. DONGLE | O BACKUP |
| D BATTERIJCONNECTOR | J NET | P AARDING |
| E Meter / CT / RS485 | K BMS | |
| F BLUETOOTH/WIFI | L WATERDICHTE AFSLUITKLEP | |

- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
|  |  |  | | | | | | |
| 20 | 21 | 22 | | | | | | |

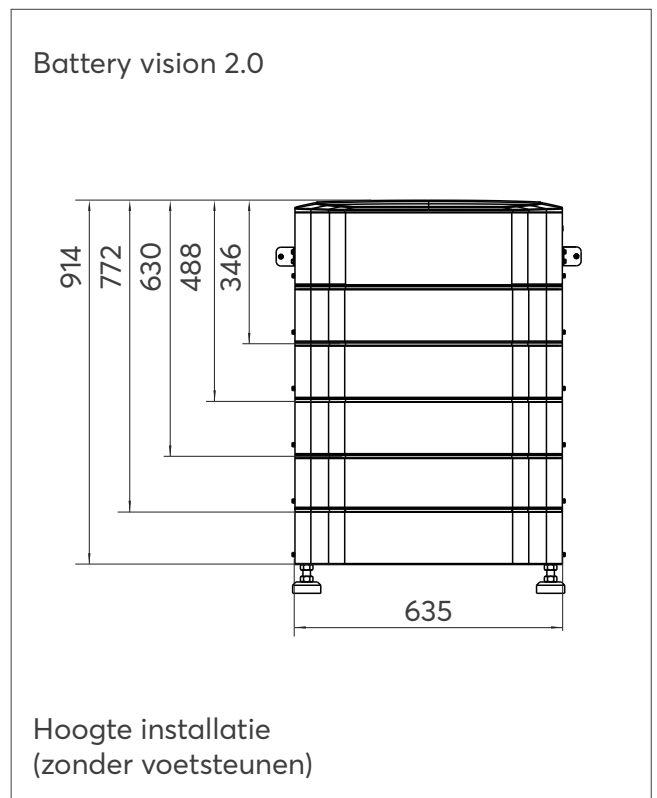
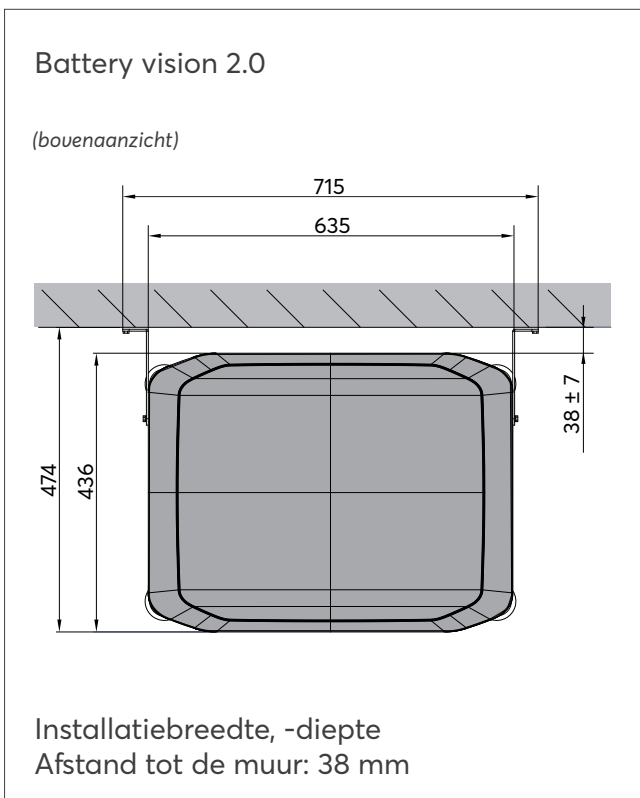
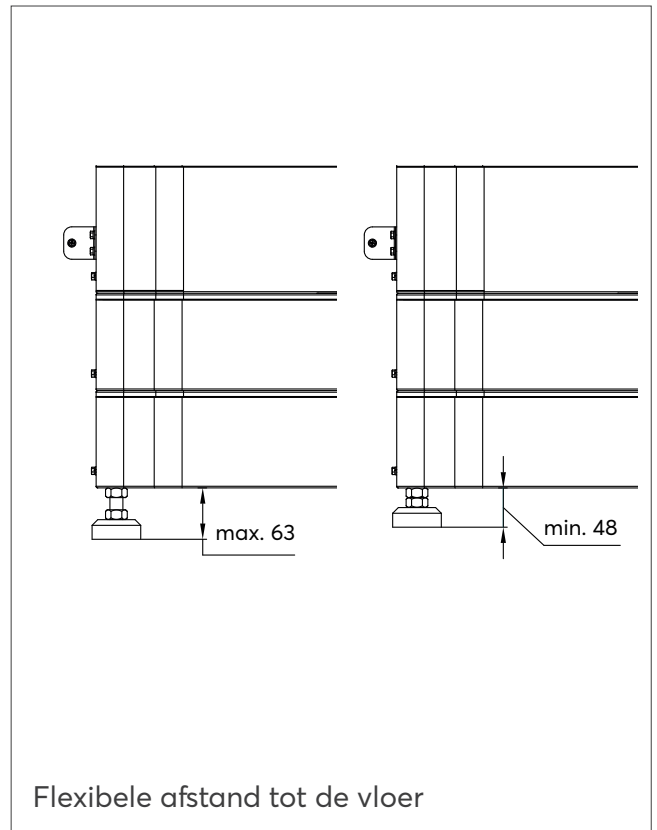
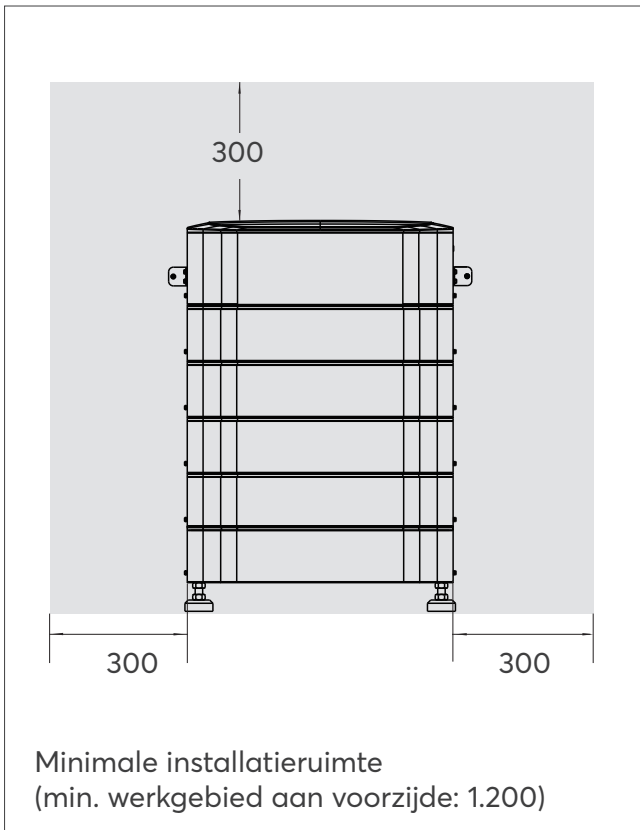


- O LCD-scherm
- P rood: fout
- Q blauw: WLAN/LAN-status
- R groen: operationele modus
- S omhoog bewegen; waarde verhogen
- T beneden bewegen; waarde verlagen
- U bevestigen
- V terug/uit

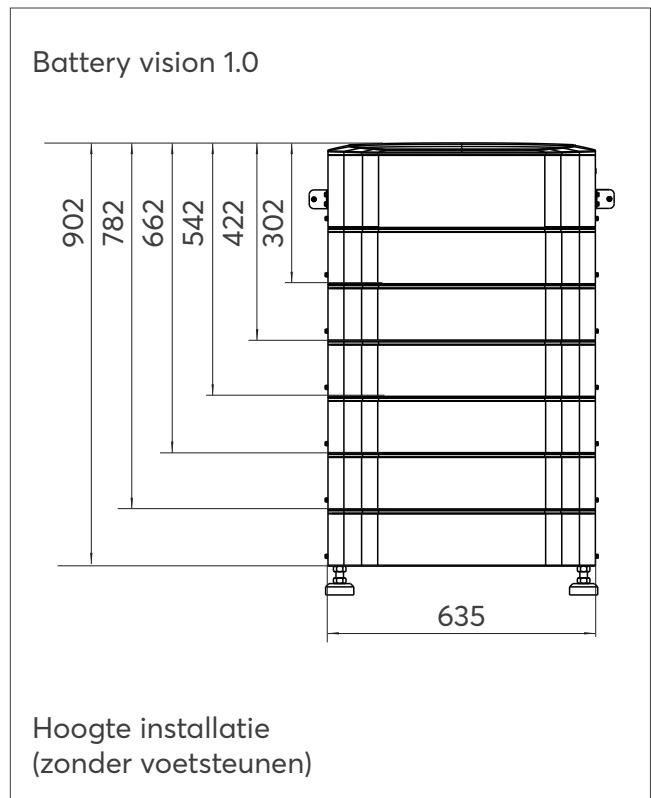
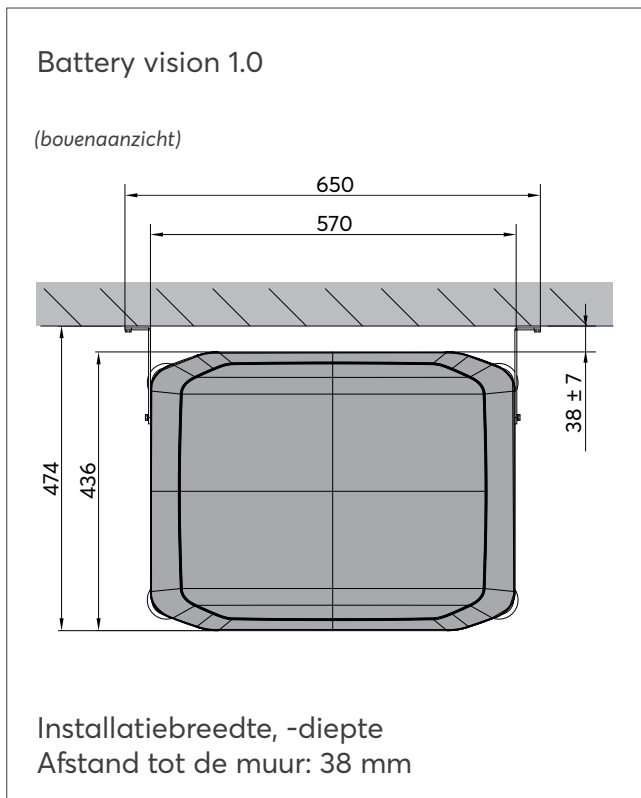
Extra apparatuur vereist:

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

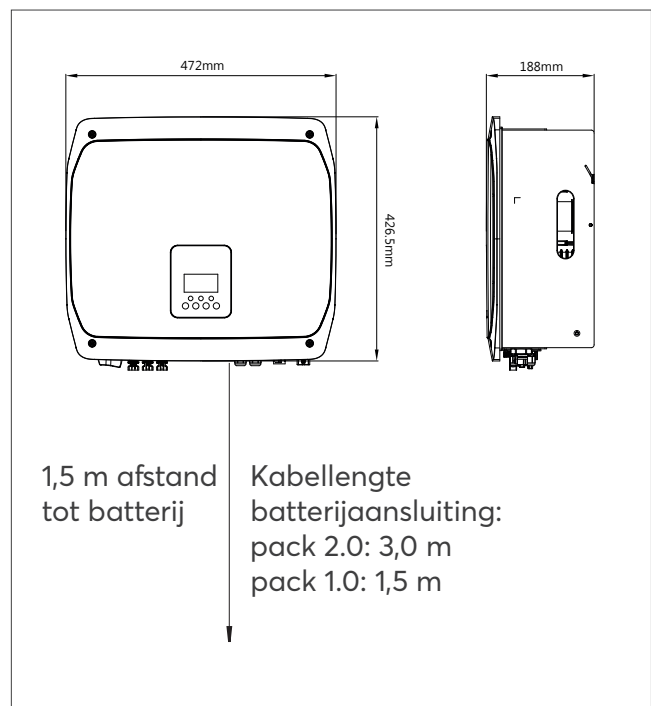
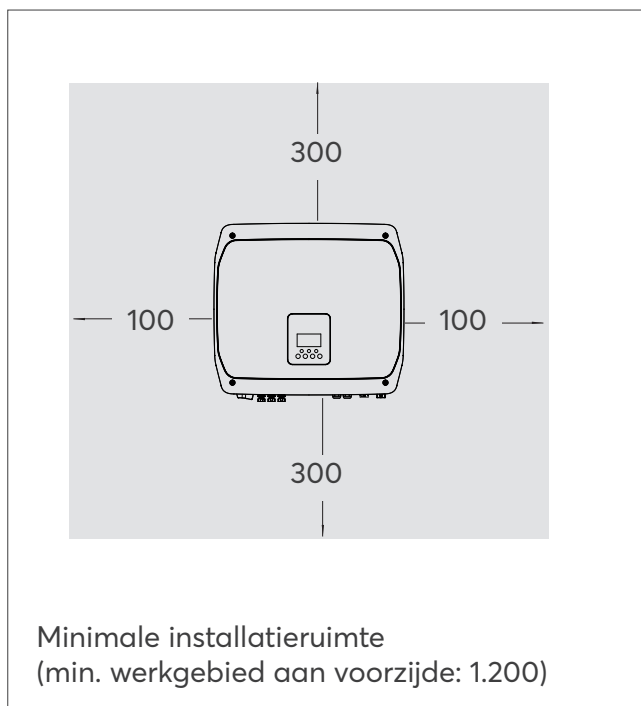
AFMETINGEN BATTERY VISION [MM]



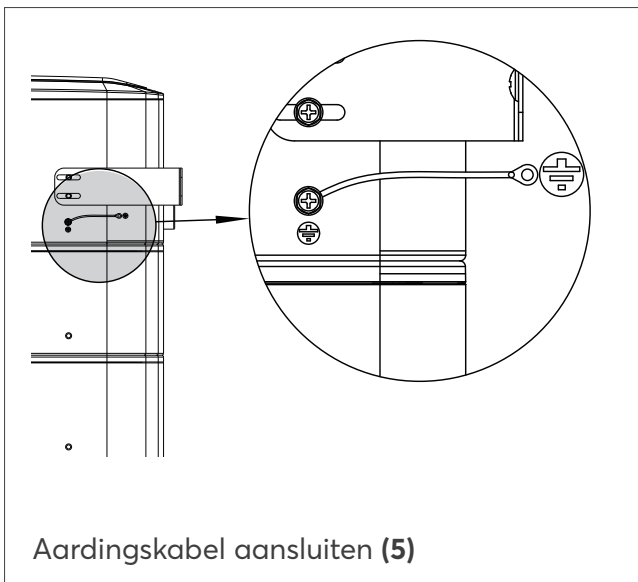
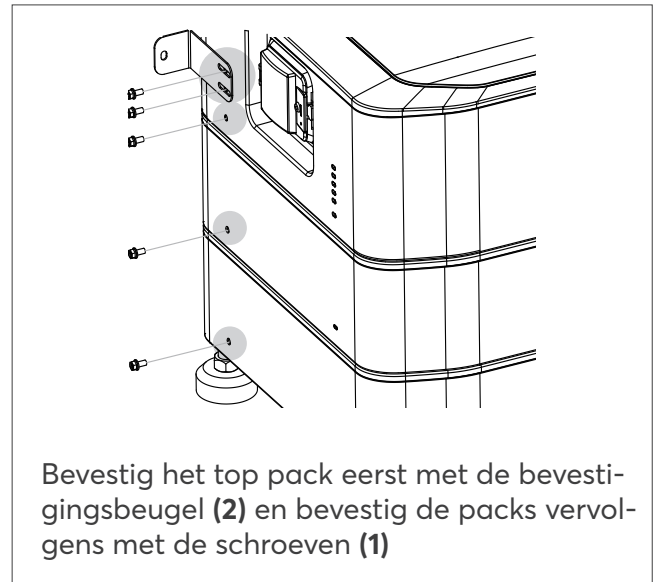
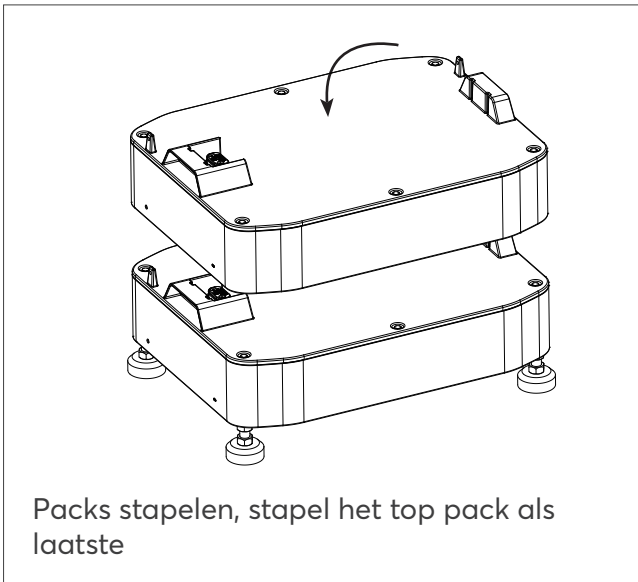
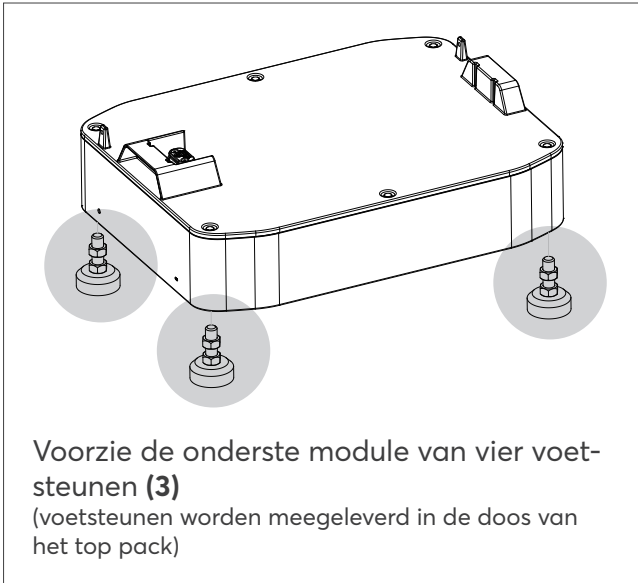
AFMETINGEN BATTERY VISION [MM]



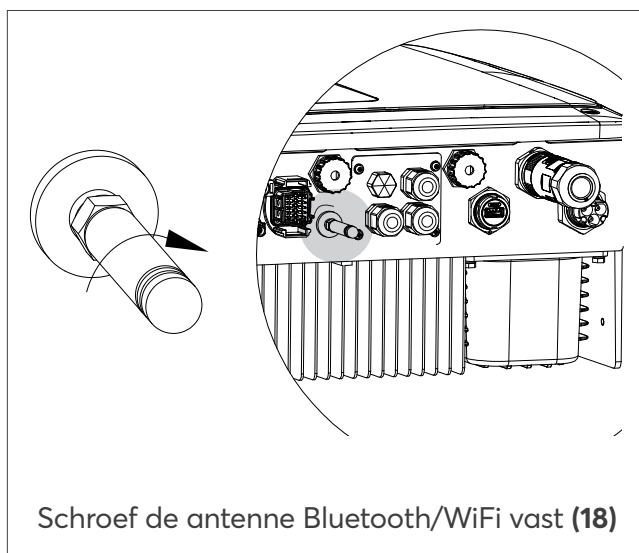
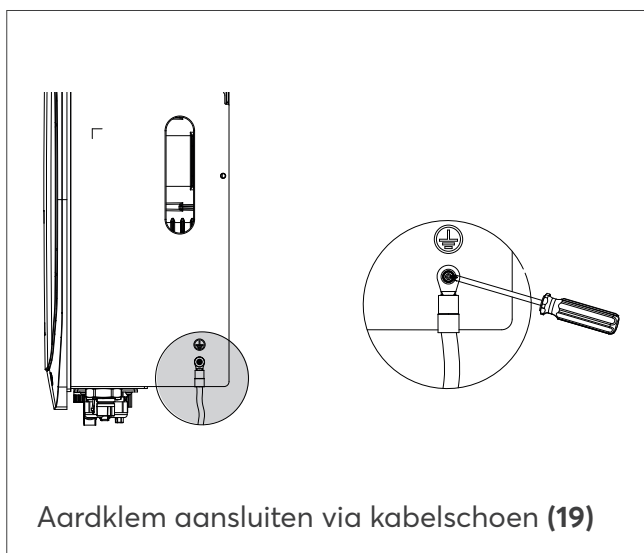
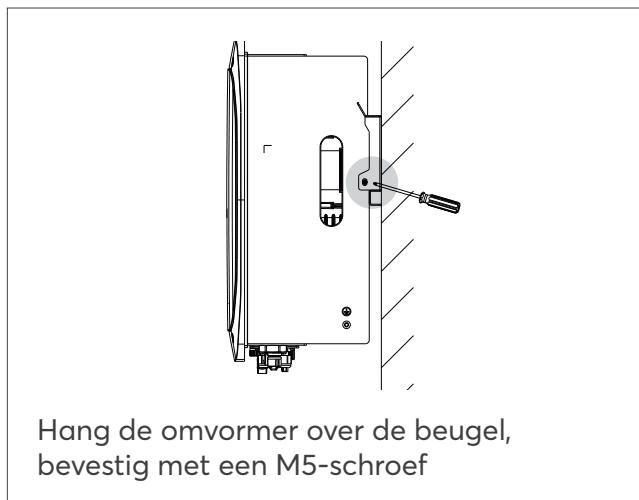
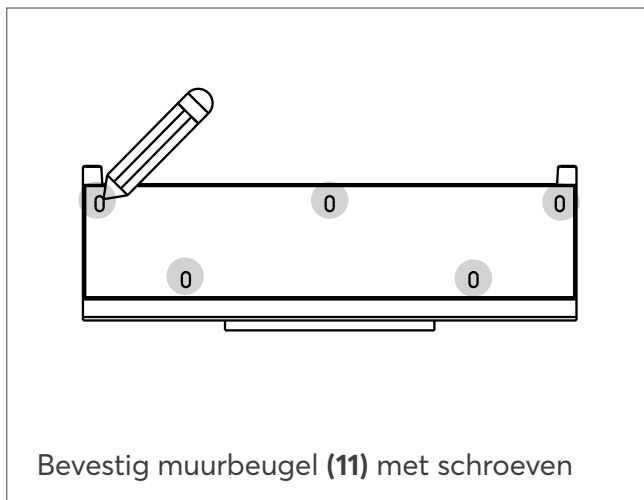
AFMETINGEN INVERTER VISION ONE [MM]



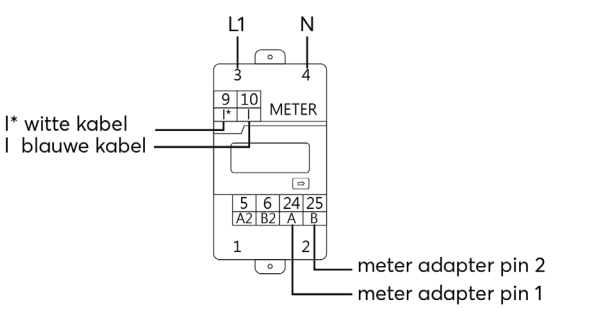
BATTERY PACKS MONTAGE EN BEDRADING



INVERTER MONTEREN EN BEDRADEN



METER MONTEREN EN BEDRADEN



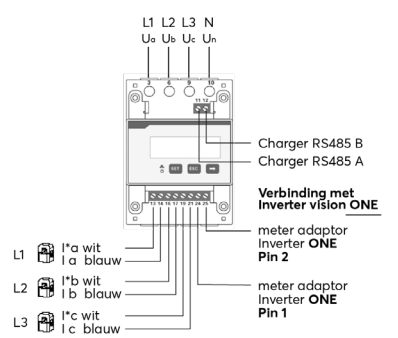
I* witte kabel
I blauwe kabel

METER

meter adapter pin 2
meter adapter pin 1

Eenfasig netwerk

Installeer de eenfasemeter (**20**) op de bovenste hoedrail van de meterkast sluit de meter aan volgens het aansluitschema p. 4



L1 L2 L3 N
U_a U_b U_c U_n

METER

Charger RS485 B
Charger RS485 A

Verbinding met Inverter vision ONE

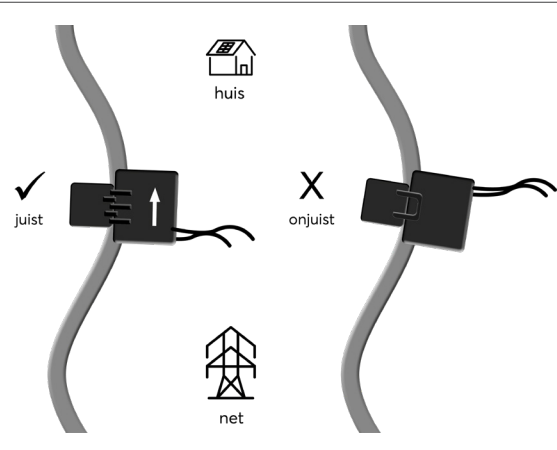
meter adaptor inverter ONE Pin 2

meter adaptor inverter ONE Pin 1

L1 I*a wit I a blauw
L2 I*b wit I b blauw
L3 I*c wit I c blauw

Driefasig netwerk

Installeer de driefasemeter (te bestellen bij Solarwatt) op de hoedrail van de meterkast, sluit de meter aan volgens het aansluitschemap. 5



huis

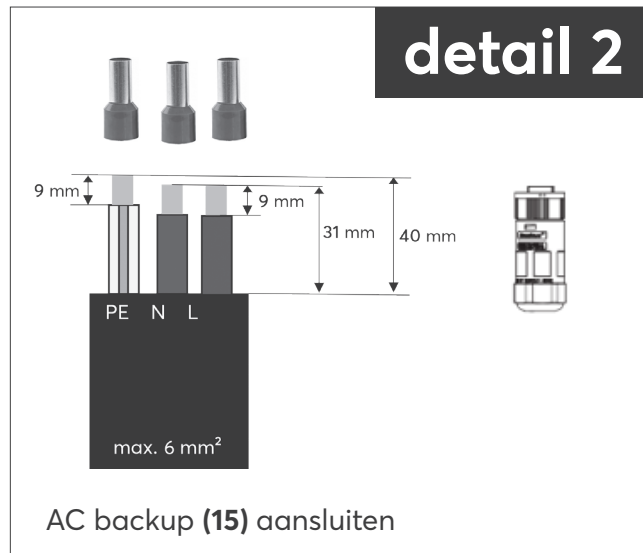
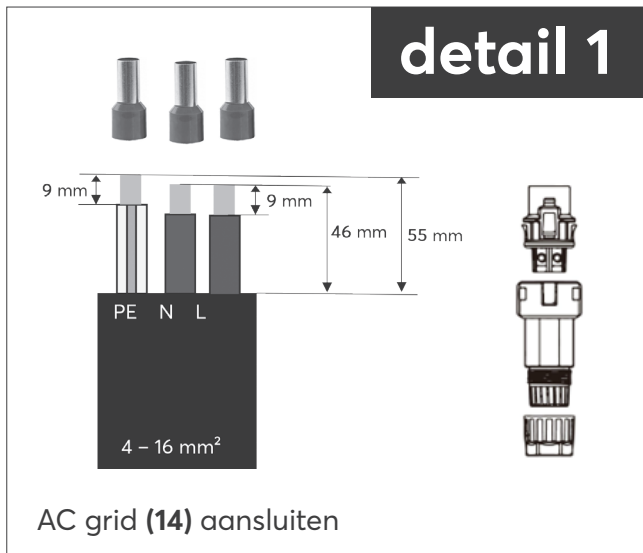
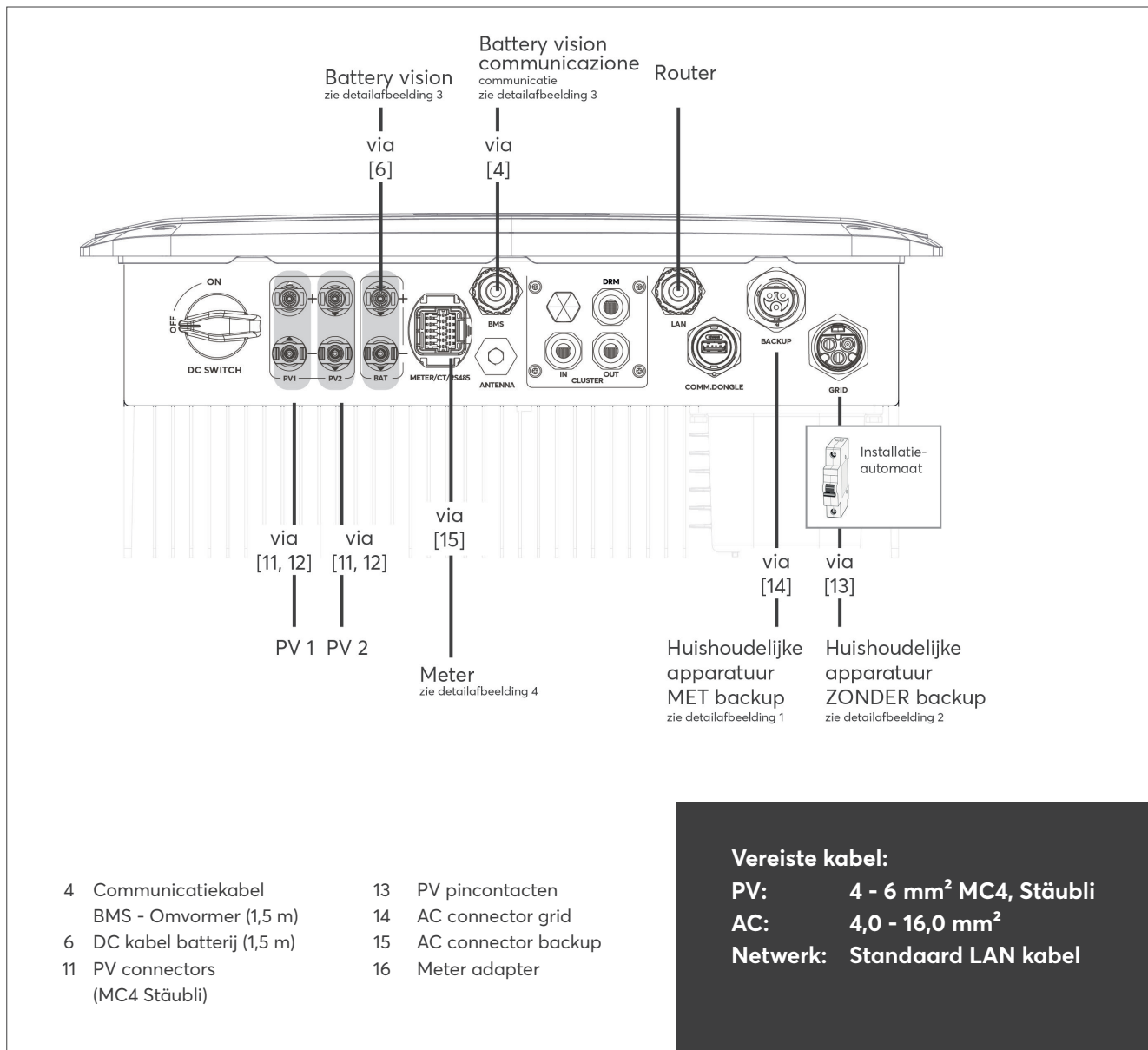
net

juist

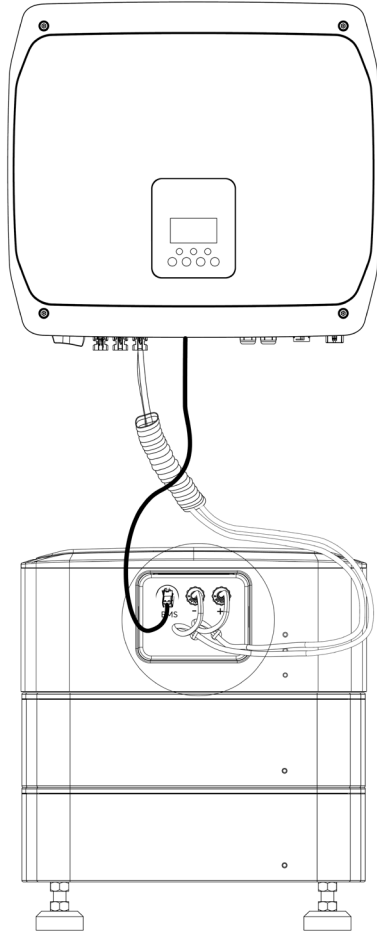
onjuist

Juiste richting van de CT-klemstroommeting: pijl op de CT-klem wijst in de richting van de huishoudelijke verbruikers

BEDRADING INVERTER



detail 1

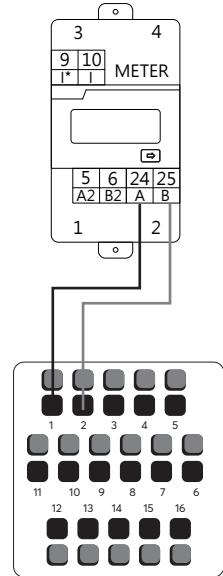


Batterij aansluiten (6, 4)

detail 2a

PIN van de meter	24	25
PIN van de adapter	1	2

(Zicht vanaf de kant van de verbindingen)

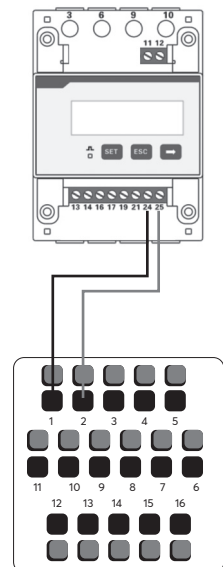


Verbind eenfasemeter (15)

detail 2b

PIN van de meter	24	25
PIN van de adapter	1	2

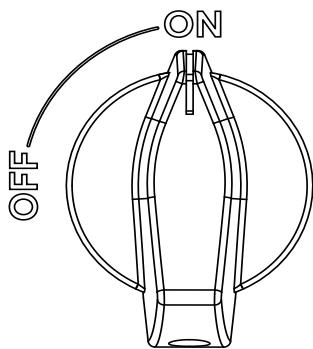
(Zicht vanaf de kant van de verbindingen)



Alternatief in driefasige netwerken:
Verbind driefasemeter (te bestellen bij Solarwatt)

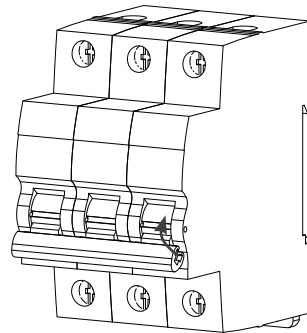
SYSTEEM OPSTARTEN

1



Draai de DC-schakelaar van de omvormer naar ON

2



Inschakelen:

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

3

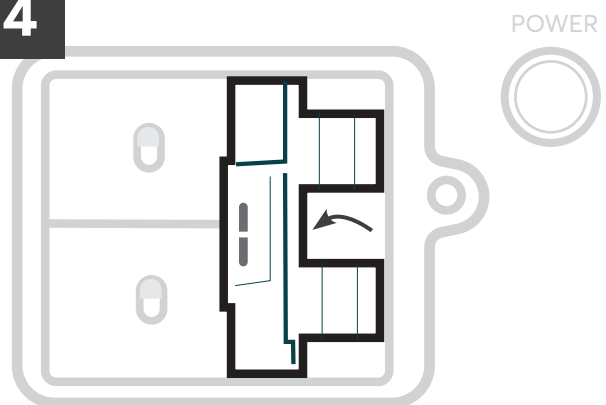


- gridcode instellen voor netveiligheid
- tijd instellen

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

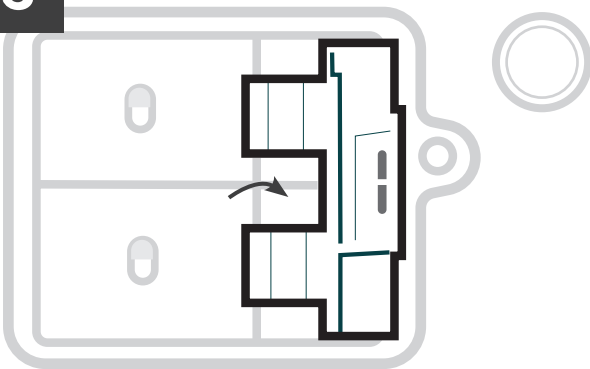


Top pack 2.0:
Druk 5 sec. op de knop
(totdat de status-LED uitgaat)

Top pack 1.0:
Druk op de schakelaar

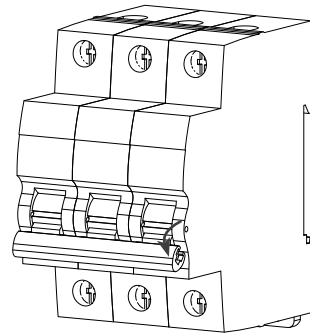
Druk op de POWER-knop van de accu (top pack)

3



Zet batterij DC schakelaar (top pack) op OFF

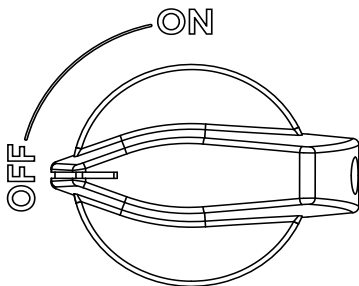
4



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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**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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solarwatt.it

**Hebt u vragen?
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solarwatt.nl/solarwatt.be



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

