

# Battery vision

# Inverter vision one 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.



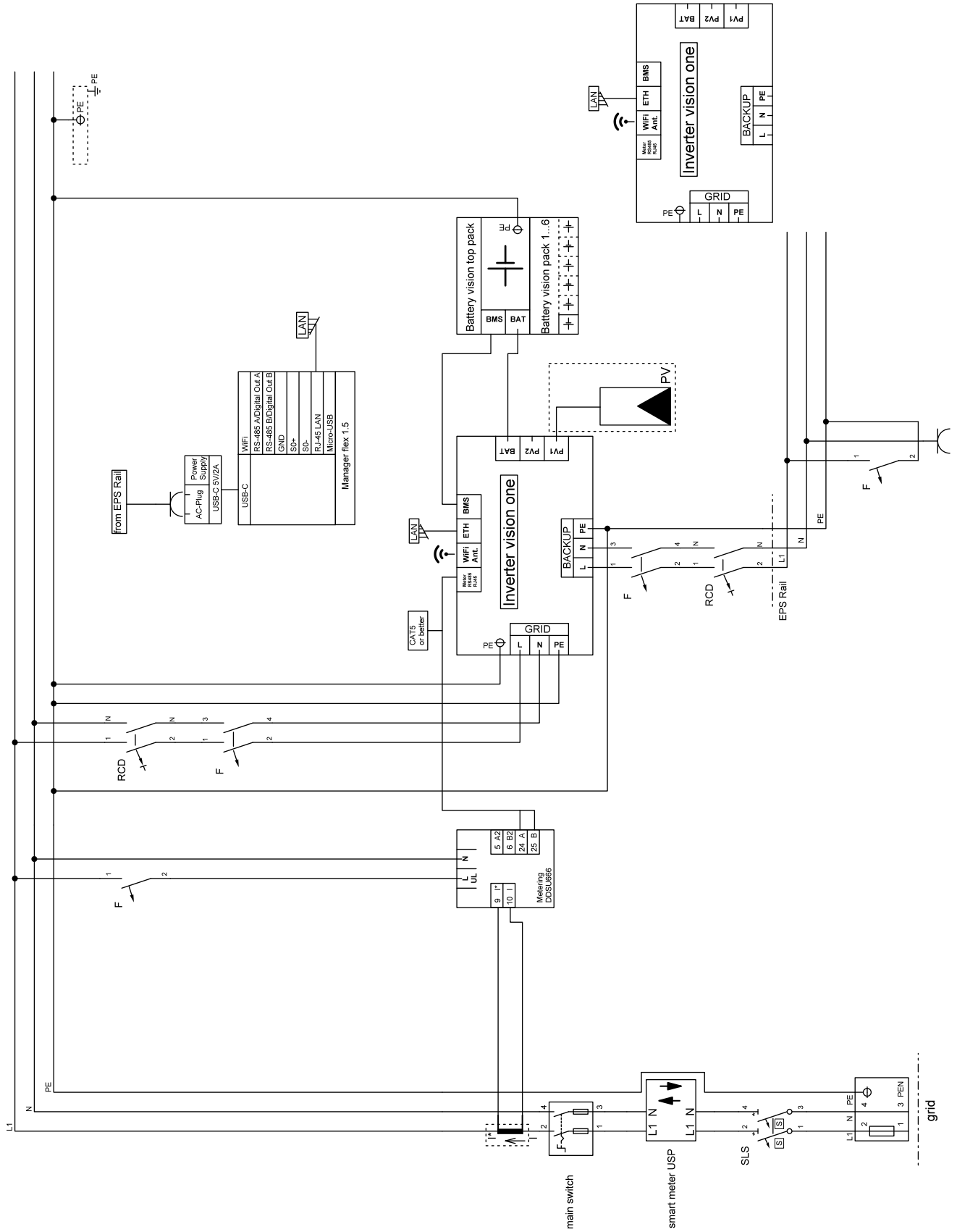
Scan de QR-code hieronder voor gedetailleerde installatie en gebruiksinstructies.



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

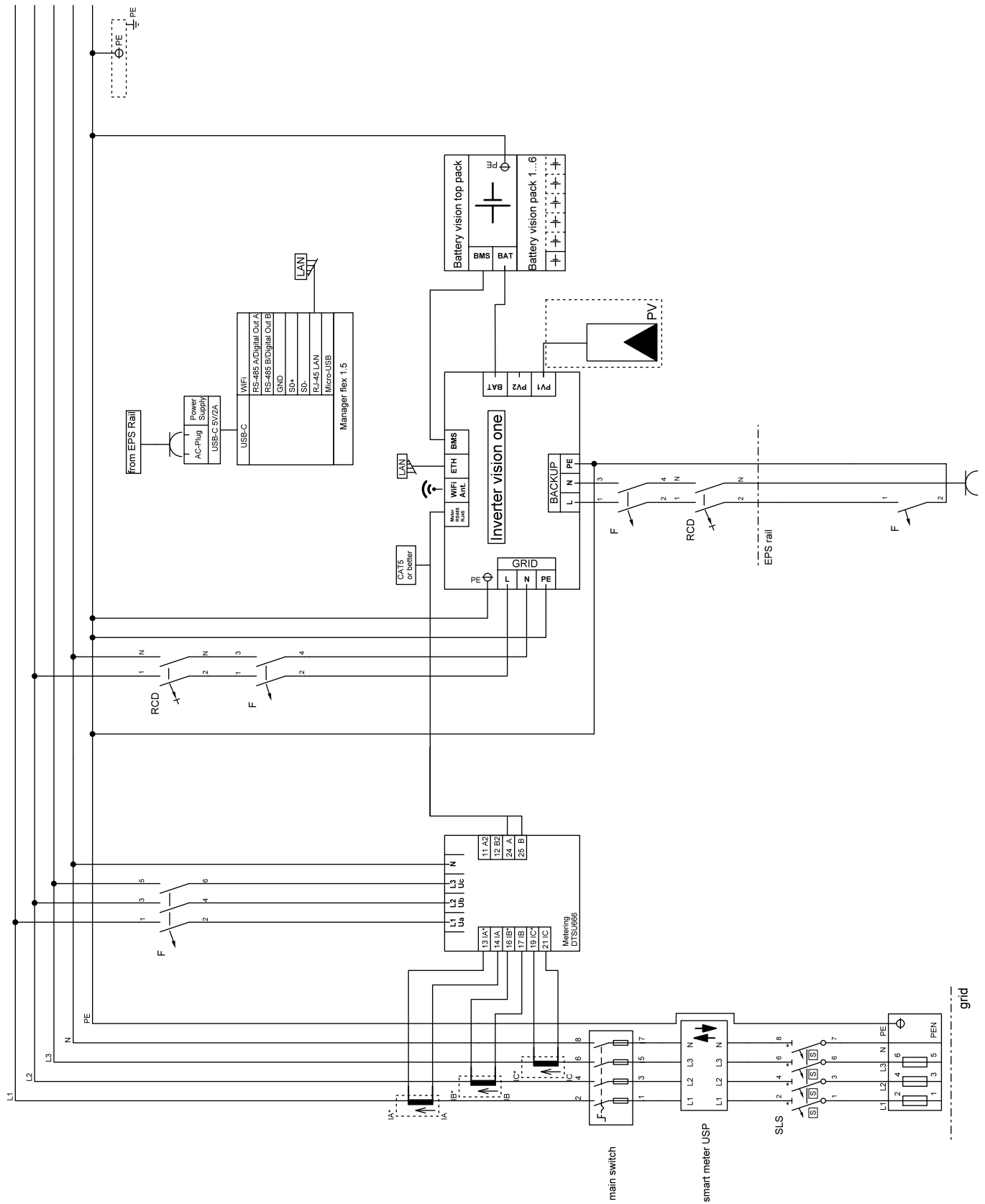


# SYSTEM DESIGN IN A SINGLE-PHASE NETWORK





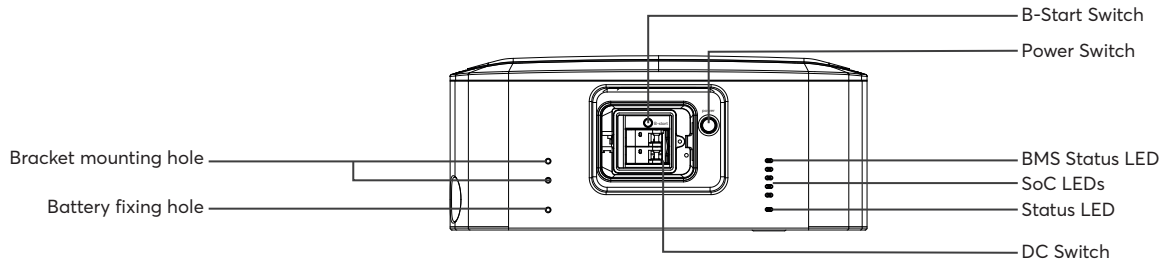
# SYSTEM DESIGN IN A THREE-PHASE NETWORK



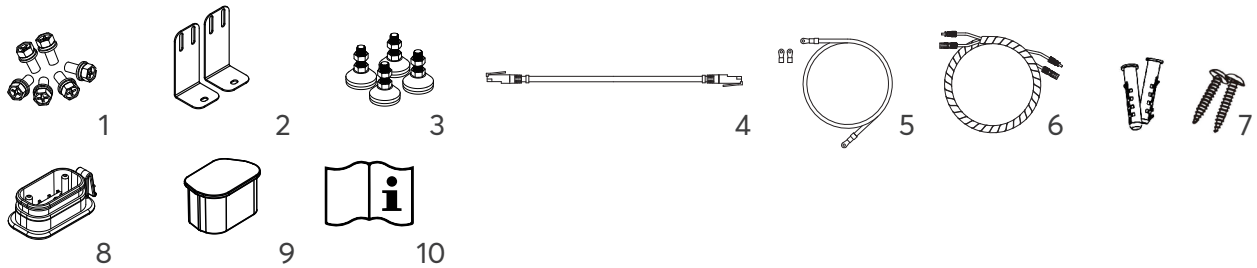
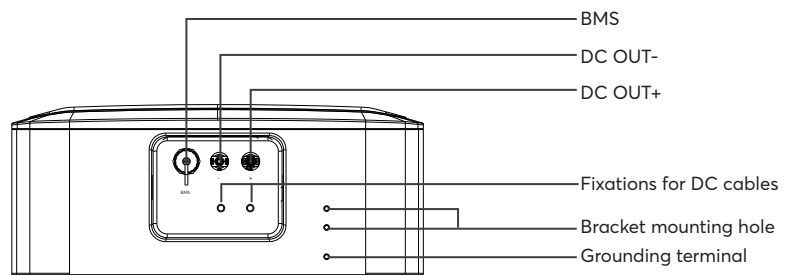
## DEVICE DESIGNS AND PACKING LISTS

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

View from the left side

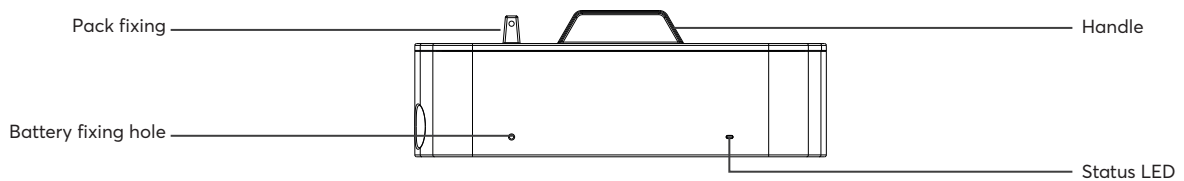


View from the right side



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

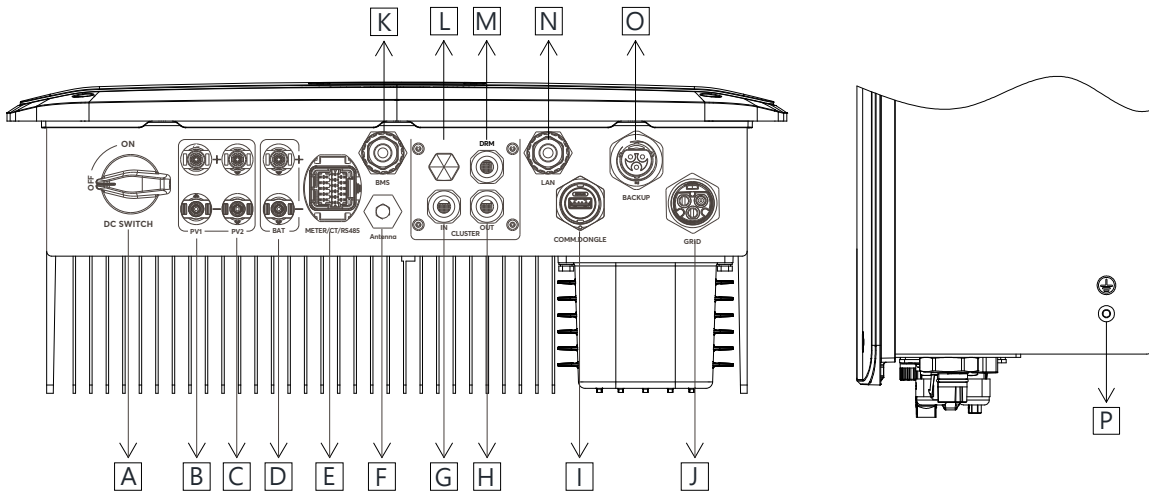
### Battery vision pack 1.0 (2.6 kWh)












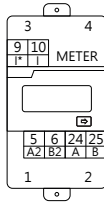


- |                                  |
|----------------------------------|
| 23 2 Screws (M5) for pack-fixing |
| 24 Safety Instructions           |

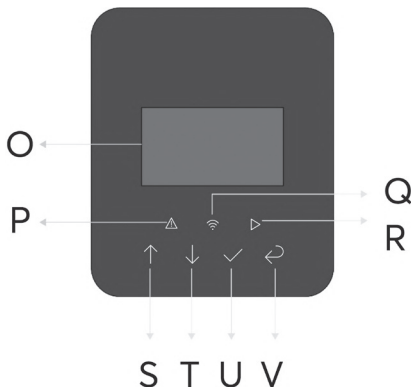
# DEVICE DESIGNS AND PACKING LISTS

## 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  |   | 22  |   |   |   |   |   |   |

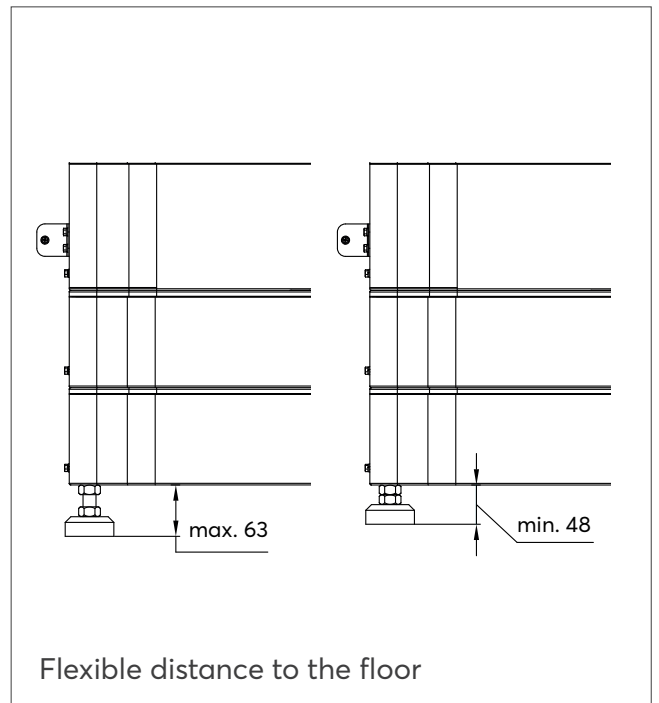
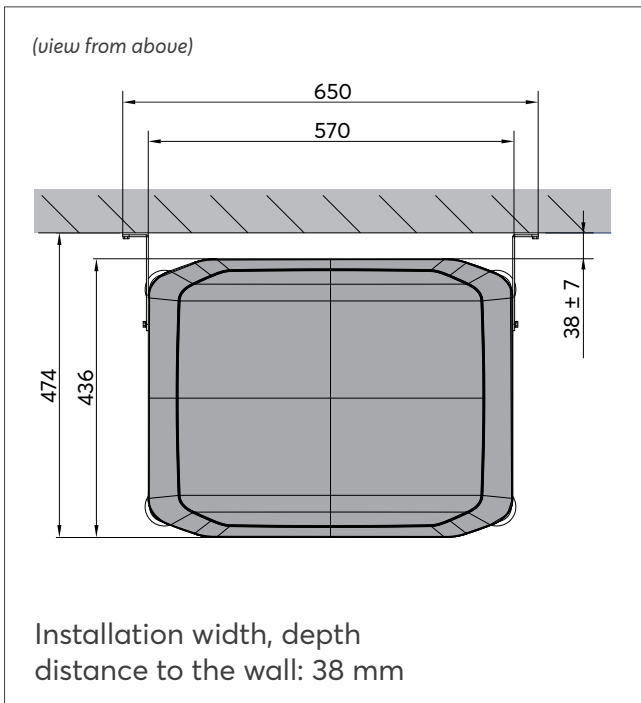
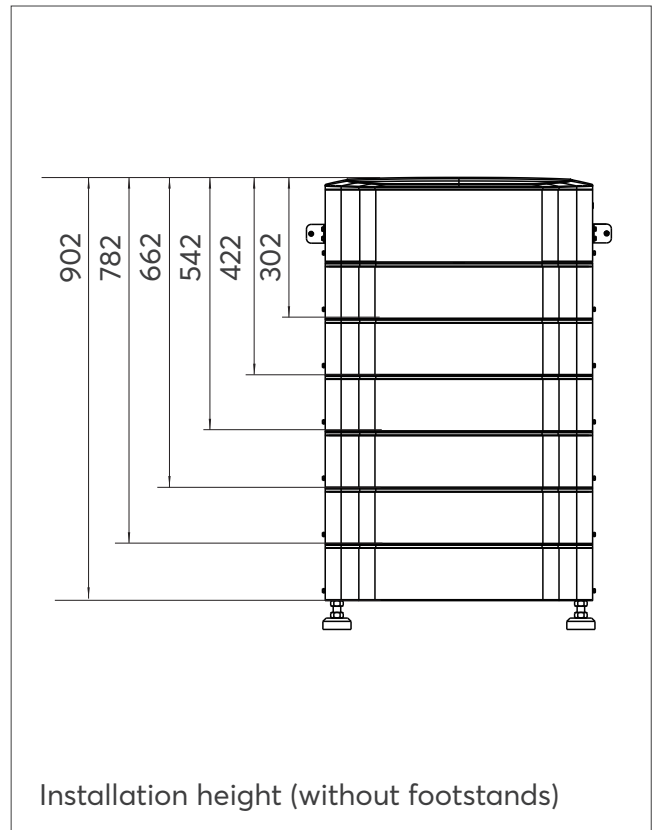
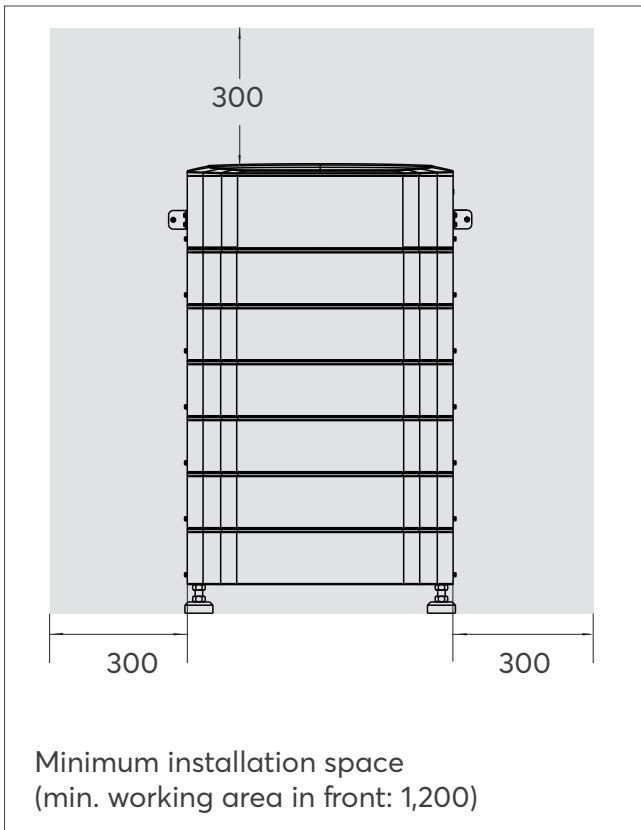


- O LC display
- P red: fault
- Q blue: WiFi/LAN status
- R green: operational state
- S move up; increase value
- T move down; decrease value
- U confirm
- V return/exit

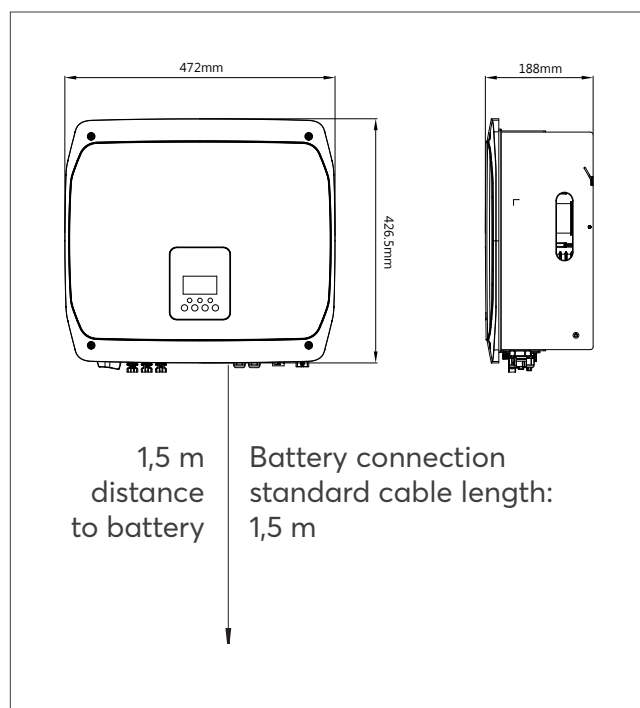
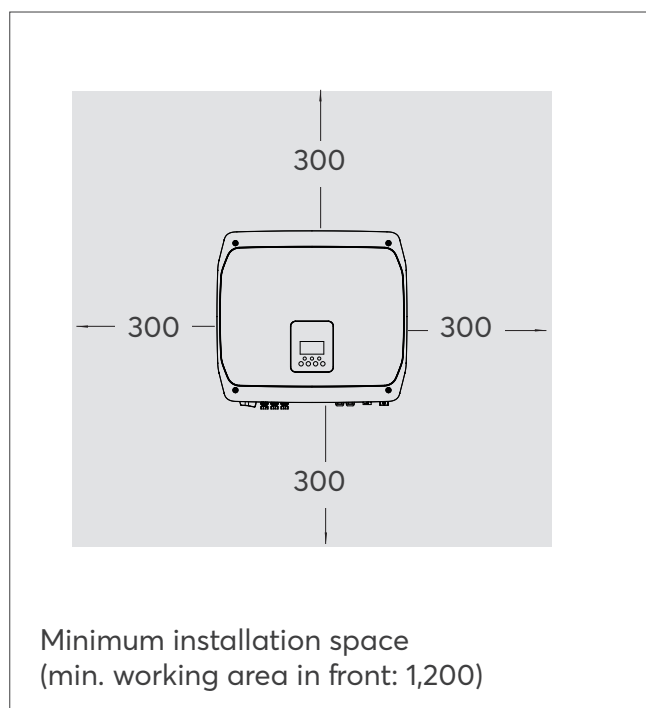
### Additional equipment required:

- 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

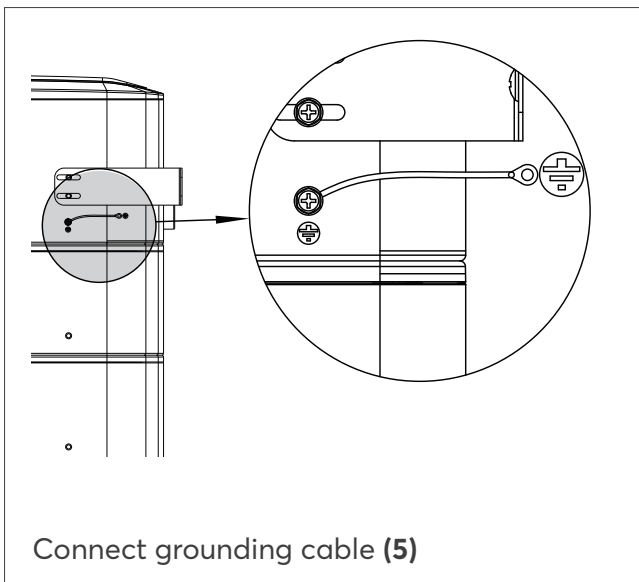
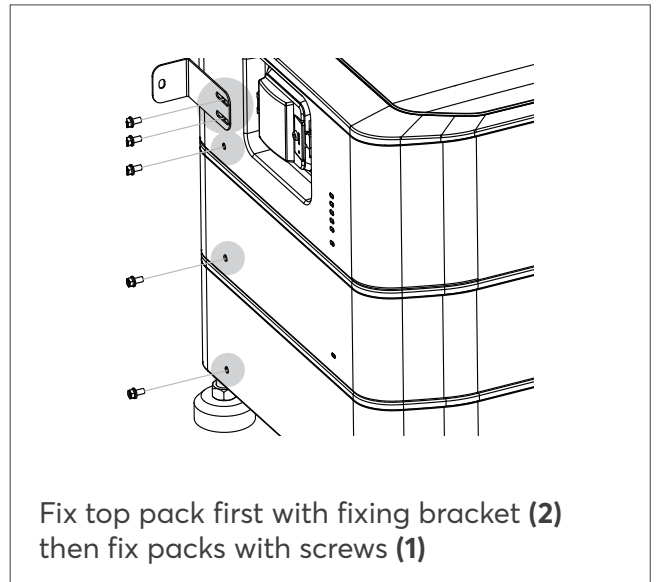
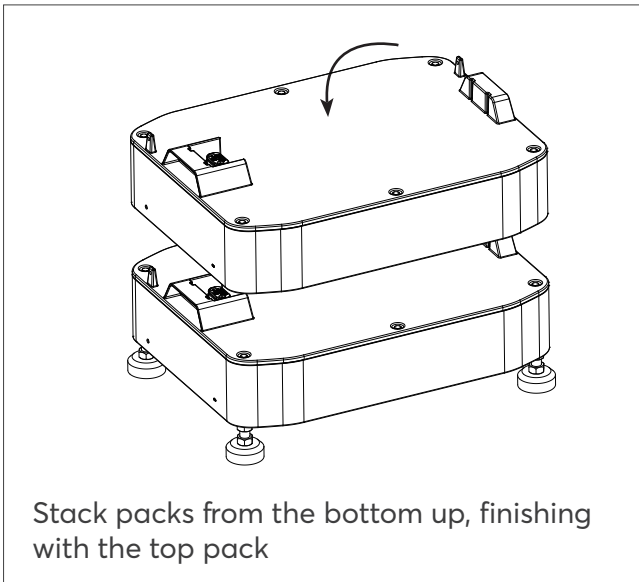
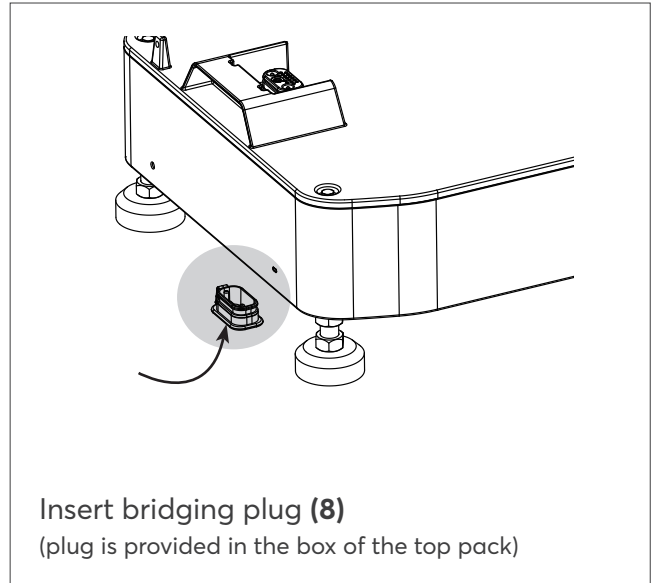
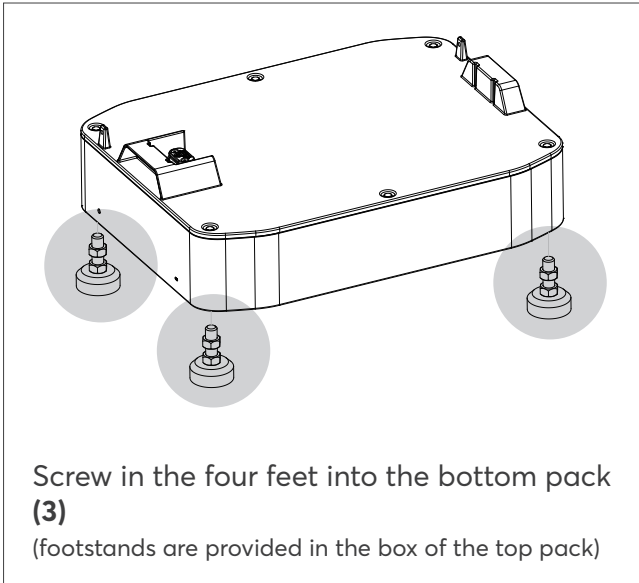
## DIMENSIONS BATTERY VISION [MM]



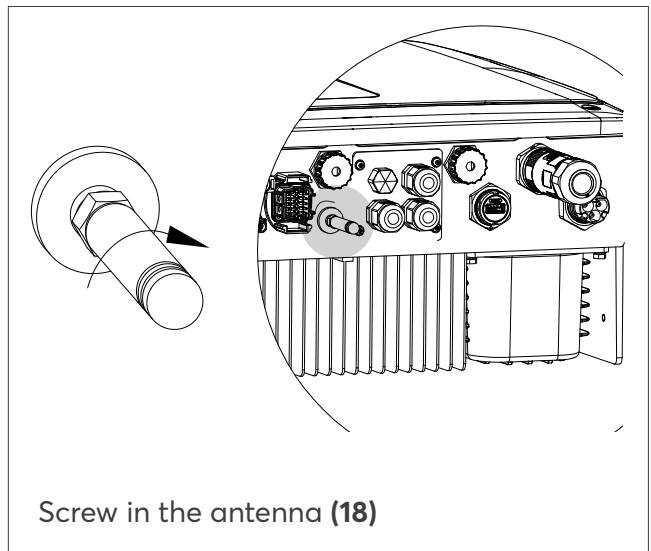
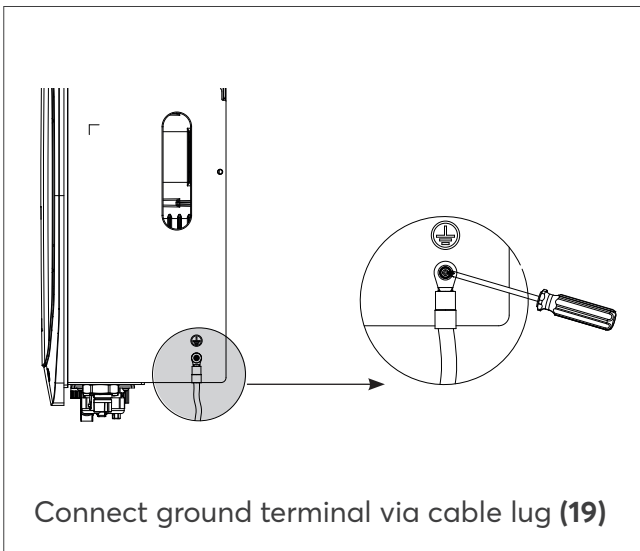
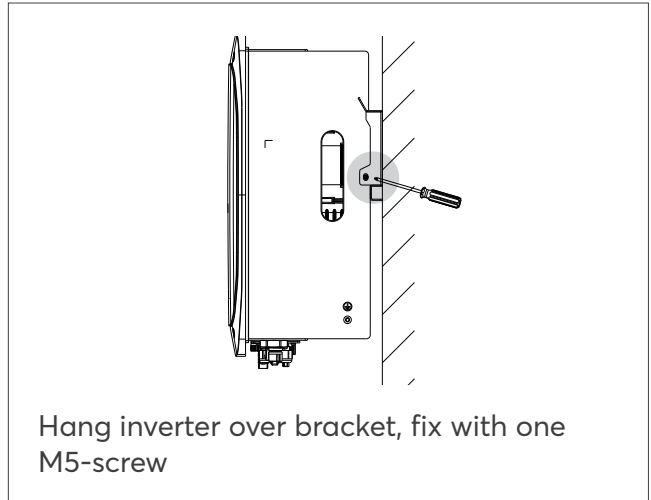
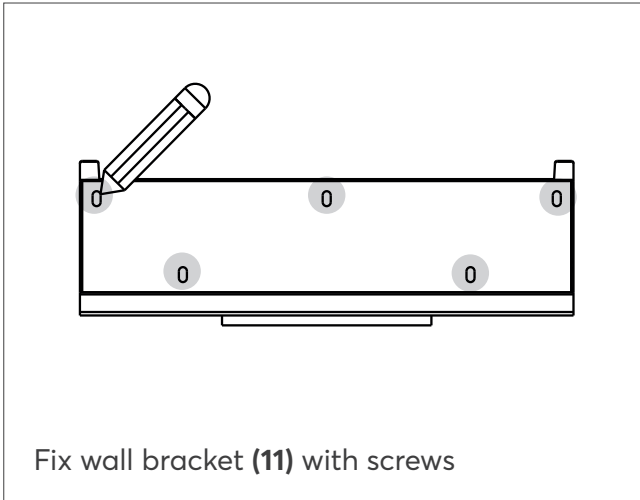
## DIMENSIONS INVERTER VISION ONE [MM]



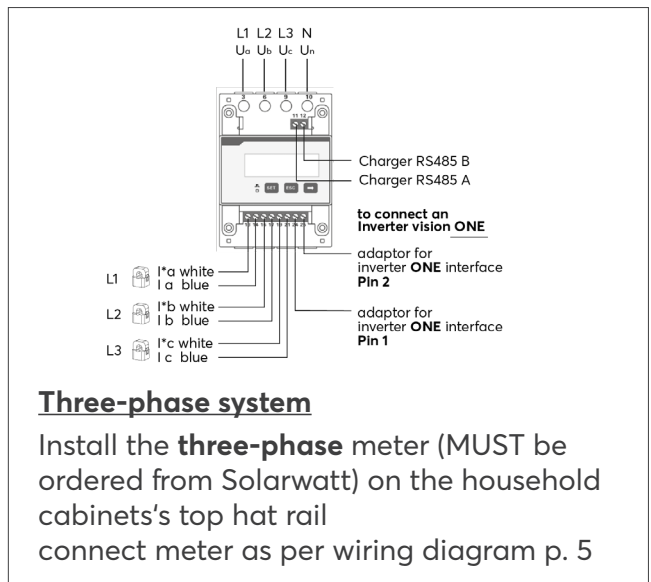
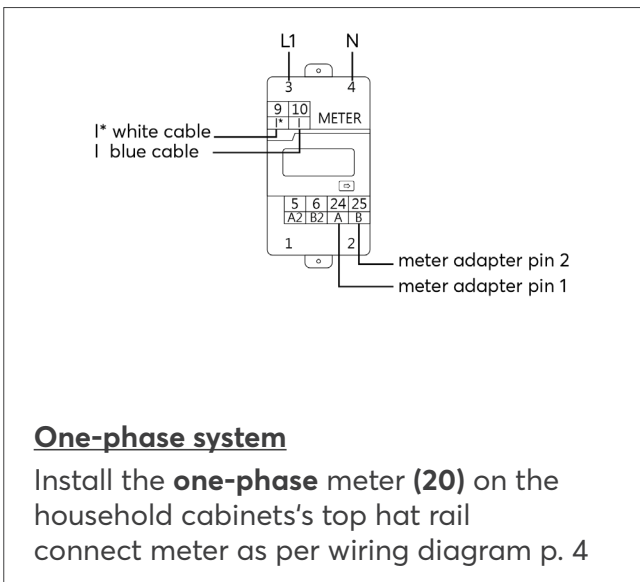
## BATTERY PACKS ASSEMBLY AND WIRING



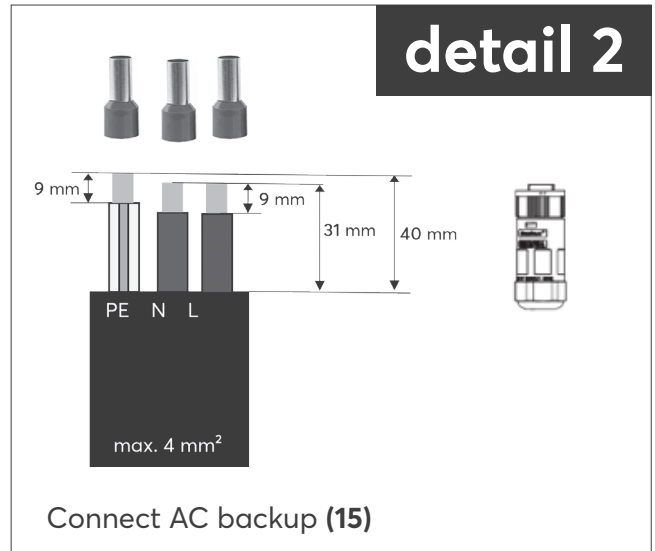
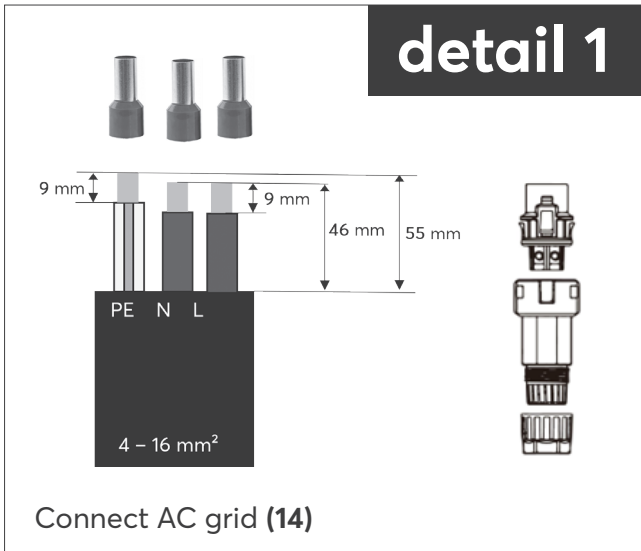
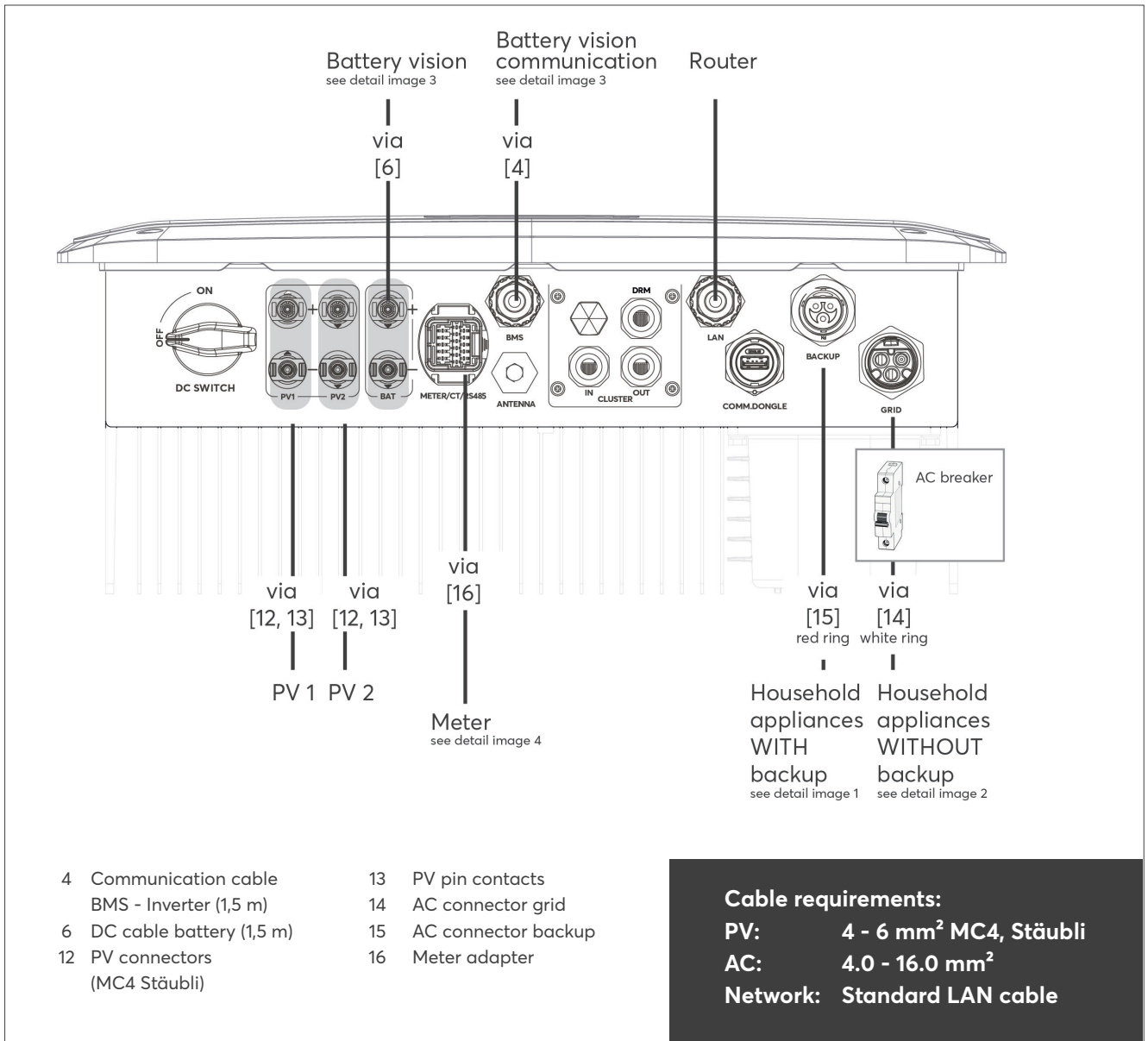
## INVERTER ASSEMBLY AND WIRING



## METER INSTALLATION AND WIRING



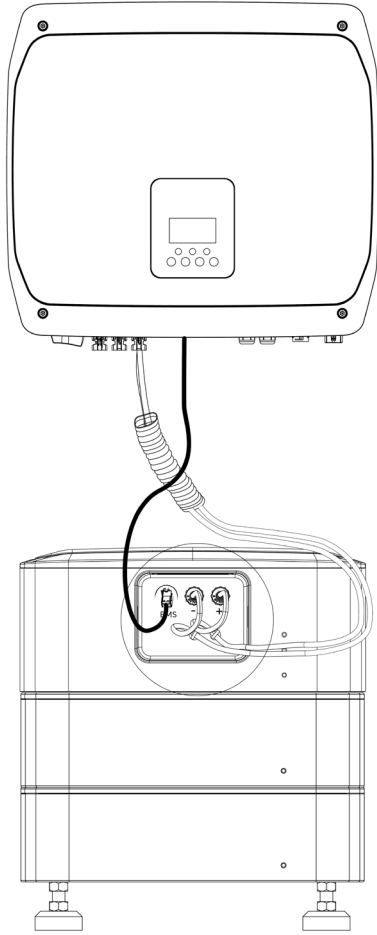
# INVERTER WIRING





# INVERTER ASSEMBLY AND WIRING

## detail 3

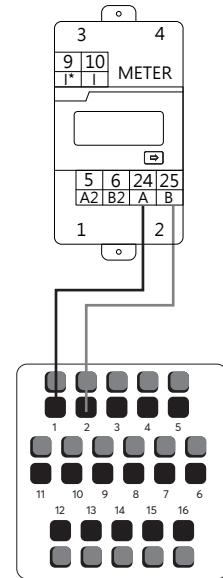


Connect Battery (6, 4)

## detail 4a

PIN meter	24	25
PIN adapter	1	2

(connection-side view on the plug)

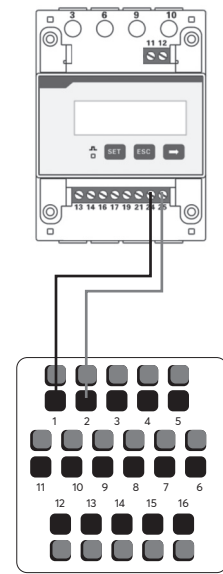


Connect the one-phase meter (16)

## detail 4b

PIN meter	24	25
PIN adapter	1	2

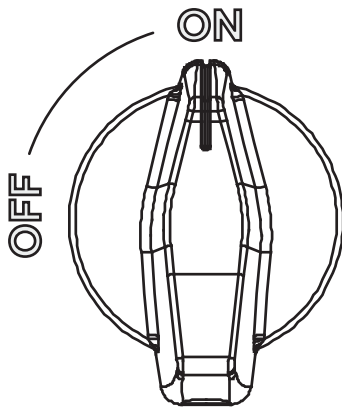
(connection-side view on the plug)



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

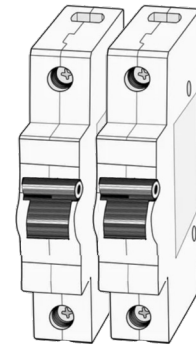
## SYSTEM START UP

1



Turn inverter DC switch ON

2



Turn on

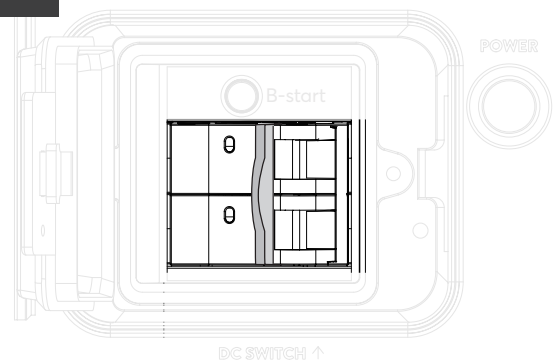
- AC breaker Grid
- AC breaker Backup (if locally required)

3



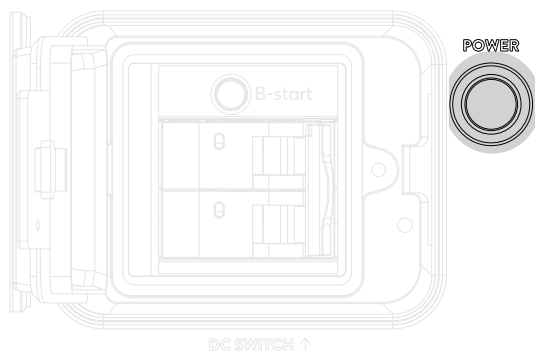
- set grid code for grid safety
  - set the current date & time
- Press inverter confirm button  for 3 sec.
- select START

4



Turn battery DC switch (top pack) ON

5



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.**

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## 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  $\varphi$

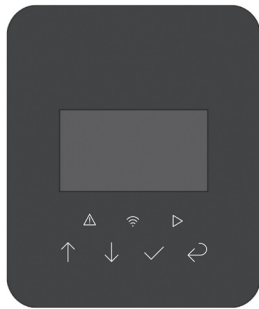
#### Charger vision


- 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

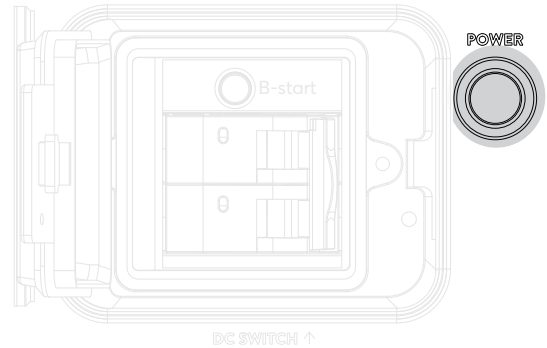
## TURNING THE SYSTEM OFF

1



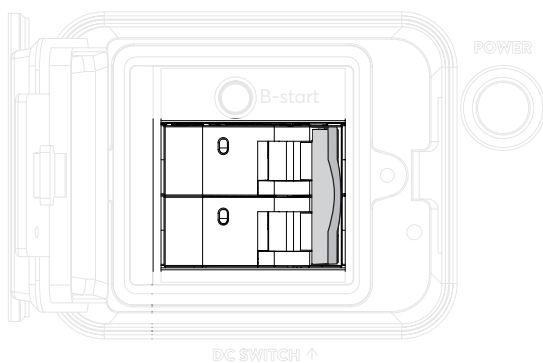
Press inverter confirm button  for 3 sec.  
• select STOP

2



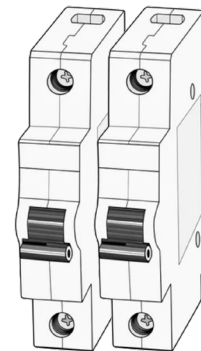
Press battery POWER button (top pack)

3



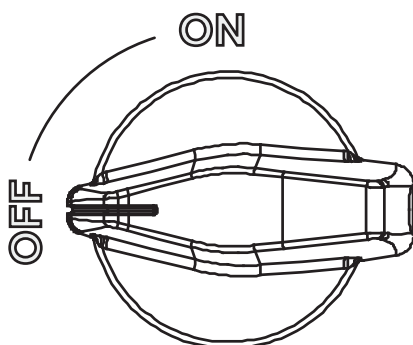
Turn battery DC switch (top pack) OFF

4



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

5



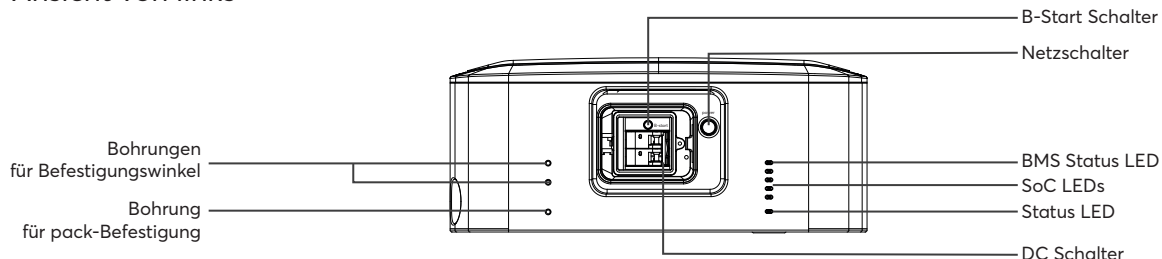
Turn inverter DC switch OFF



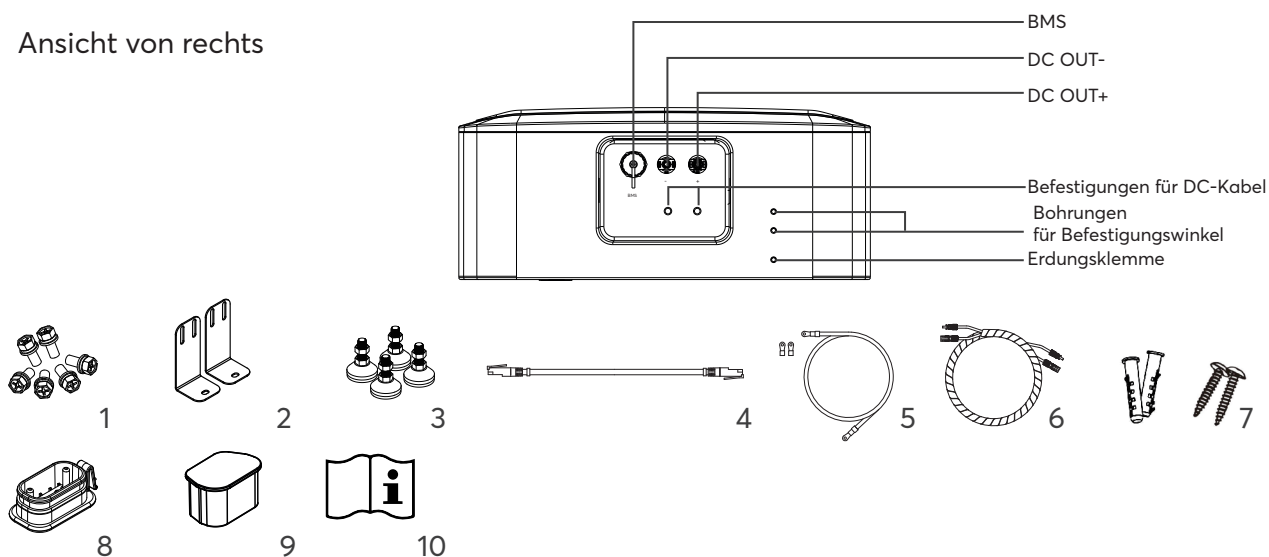
## AUFBAU UND LIEFERUMFANG

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

Ansicht von links

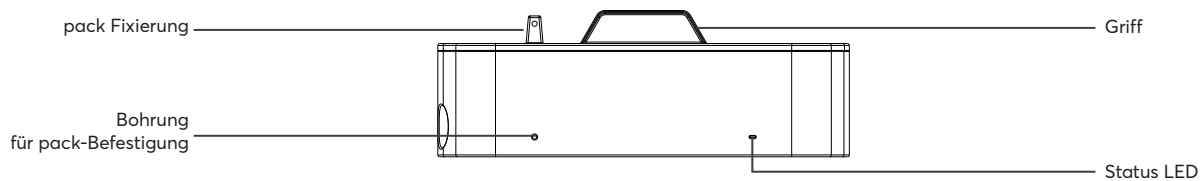


Ansicht von rechts



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

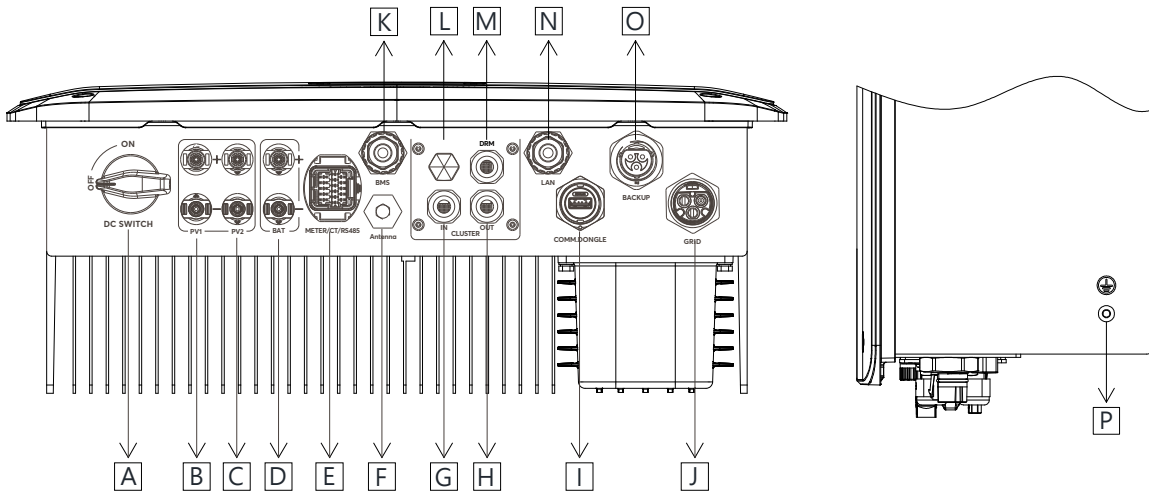


24

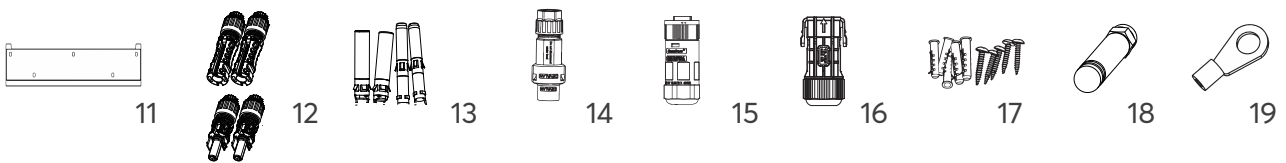
- 23 Schrauben (M5) für pack Befestigung  
24 Sicherheitshinweise

# AUFBAU UND LIEFERUMFANG

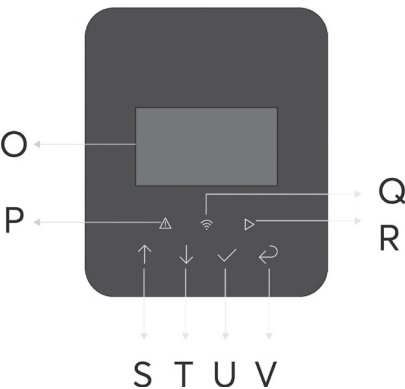
## Inverter vision one 1.0



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

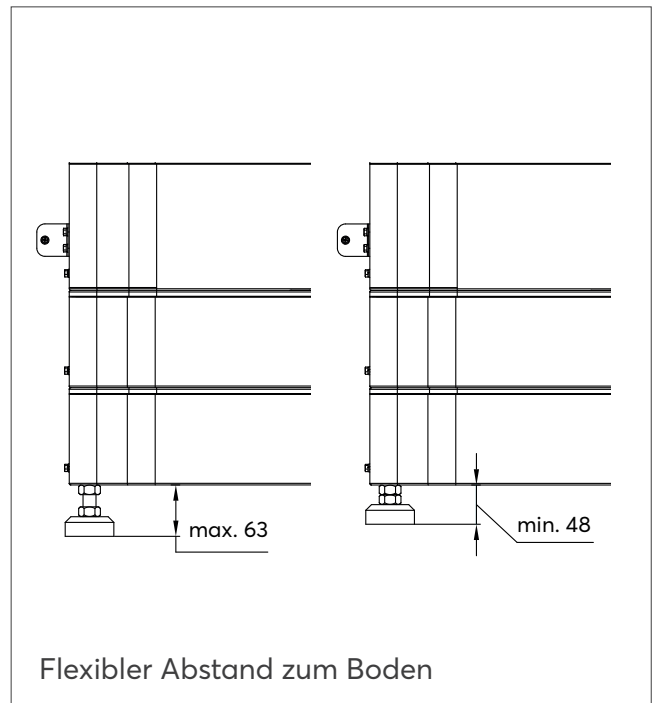
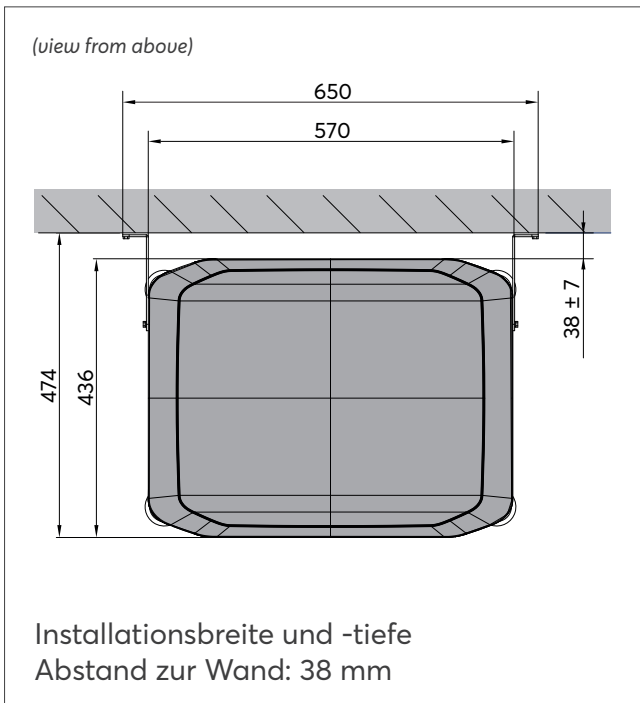
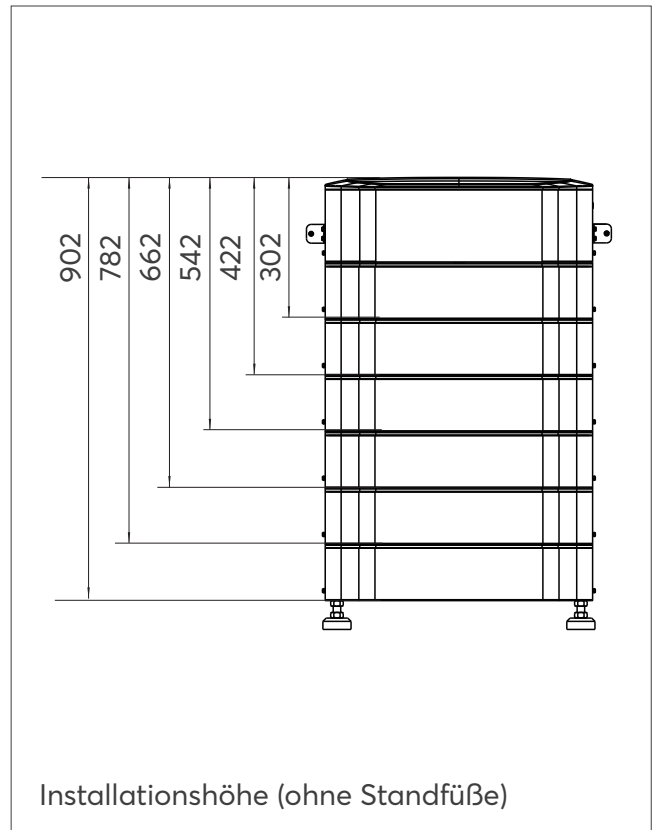
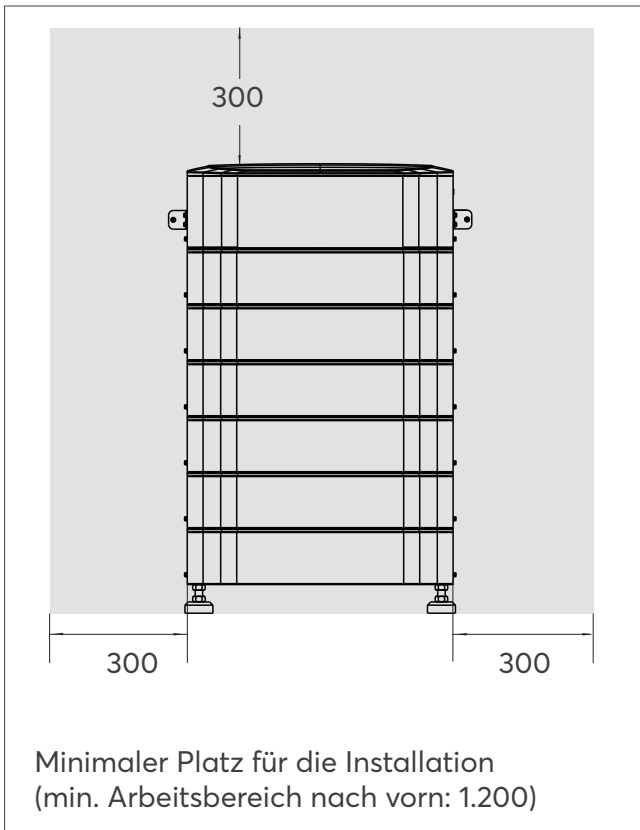


- O LC display
- P rot: Fehler
- Q blau: WLAN/LAN Status
- R grün: betriebsbereit
- S hoch; Wert erhöhen
- T runter; Wert verringern
- U bestätigen
- V zurück/beenden

### Zusätzlich benötigt:

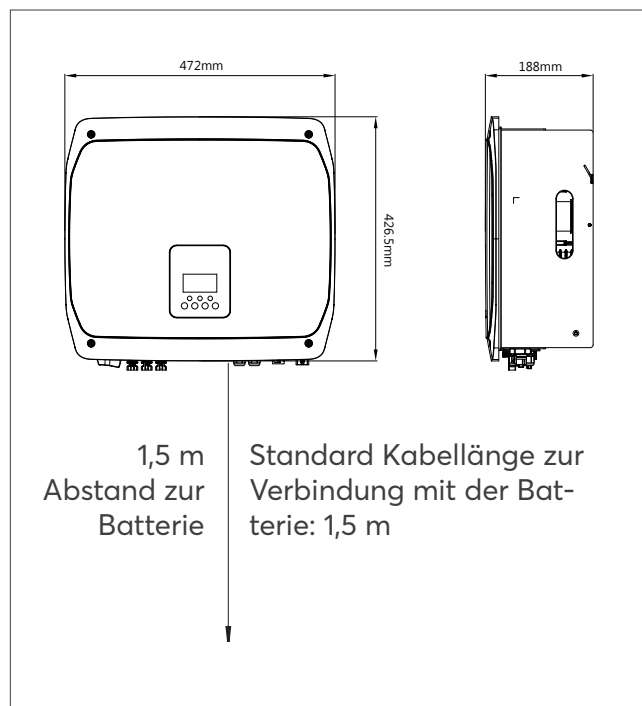
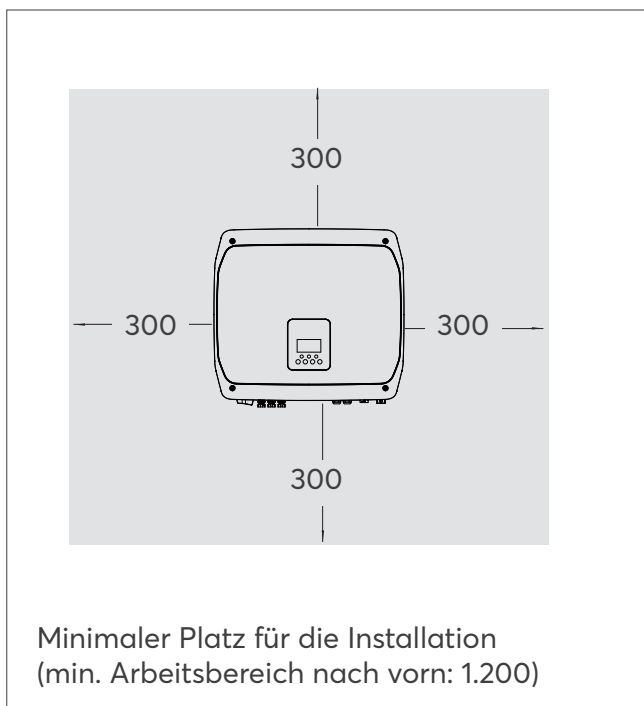
- Kommunikationskabel (2-adriges RS485-Kabel) für die Verbindung mit dem Zähler
- DC- und AC-Kabel für den Wechselrichter
- LAN-Kabel für den Wechselrichter (optional)
- Erdungskabel für den Wechselrichter
- Leitungsschutzschalter

## ABMESSUNGEN BATTERY VISION [MM]

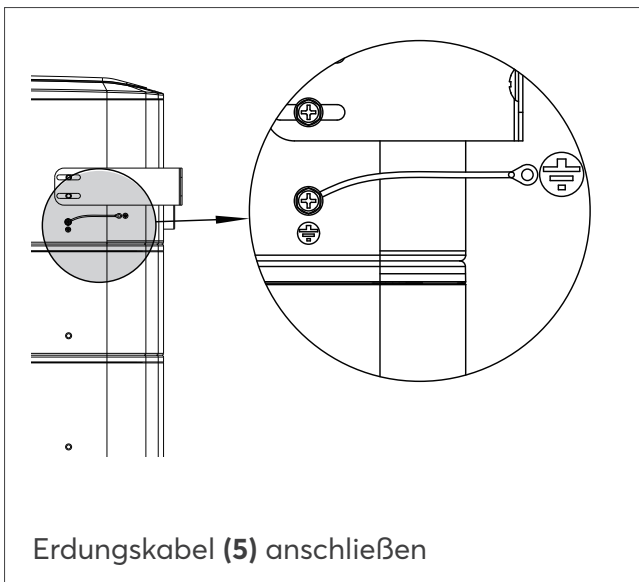
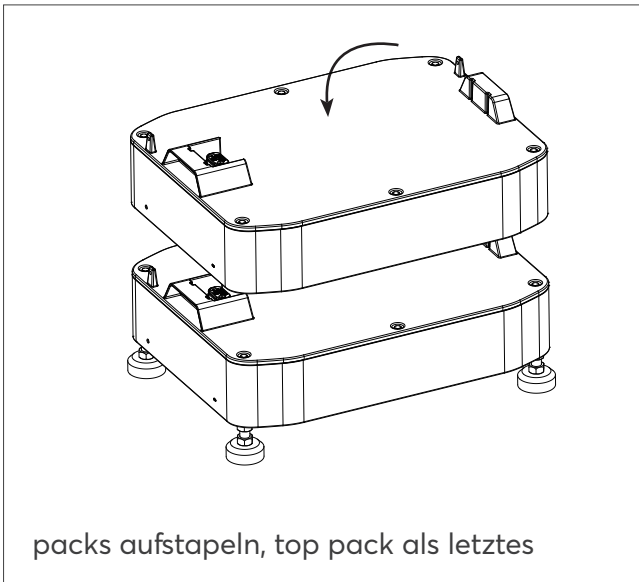
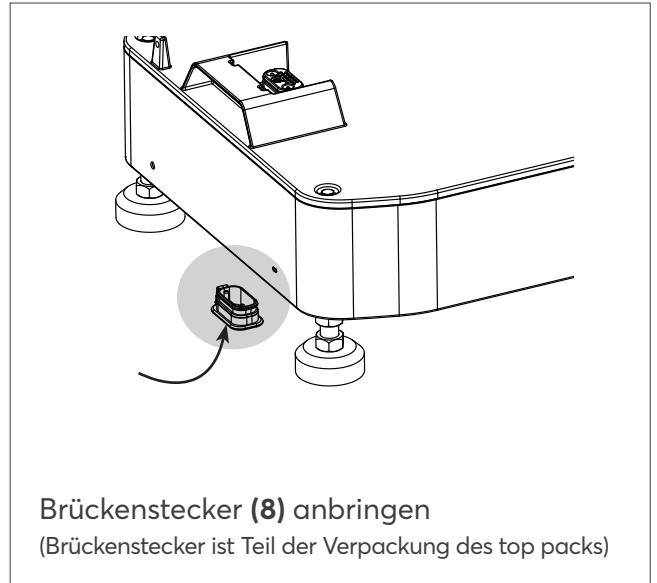
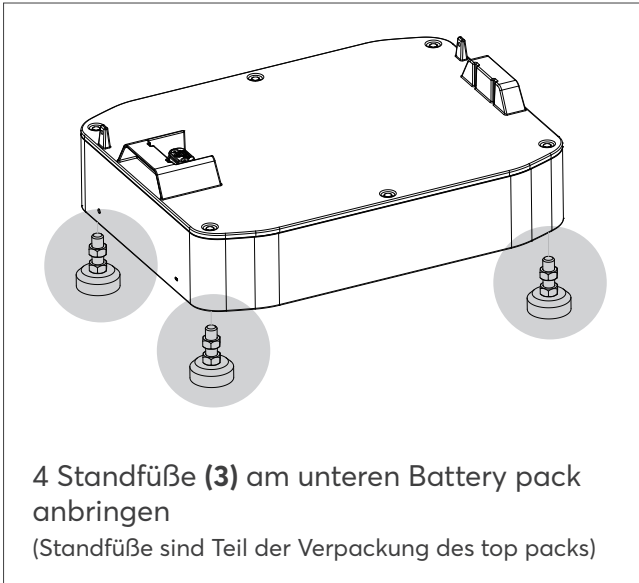




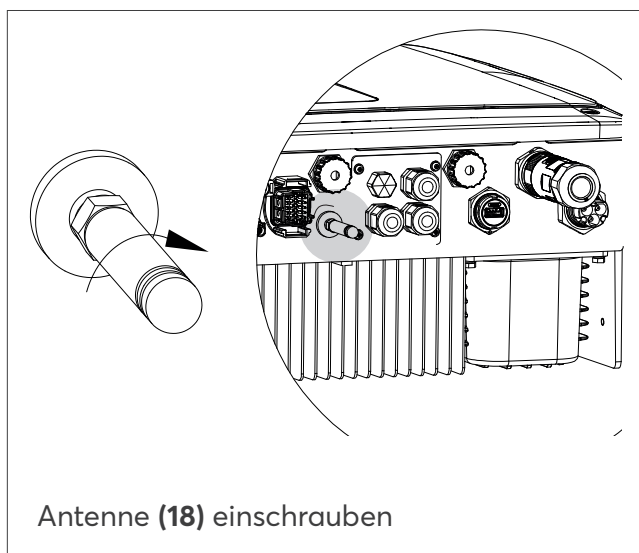
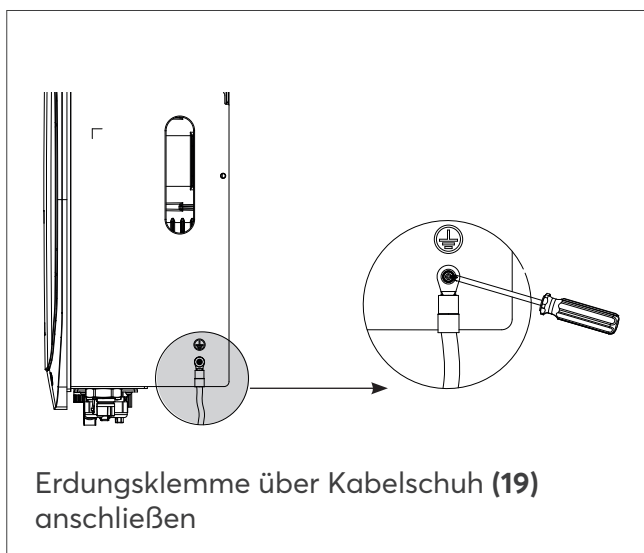
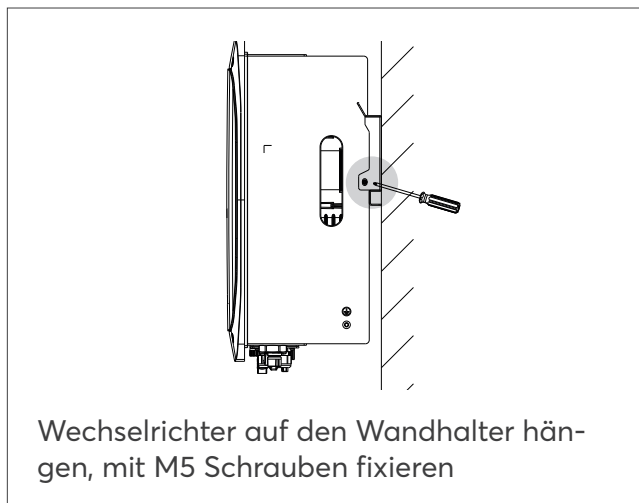
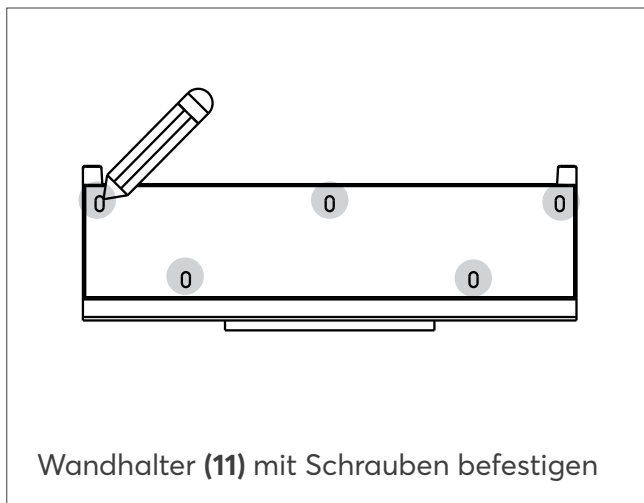
## ABMESSUNGEN INVERTER VISION ONE [MM]



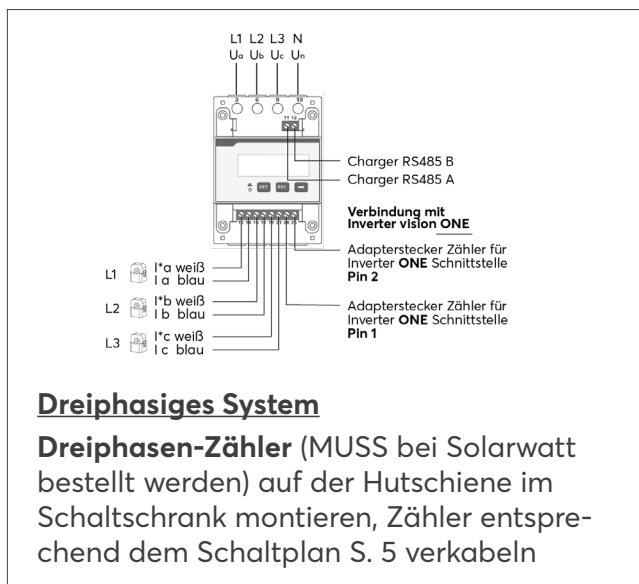
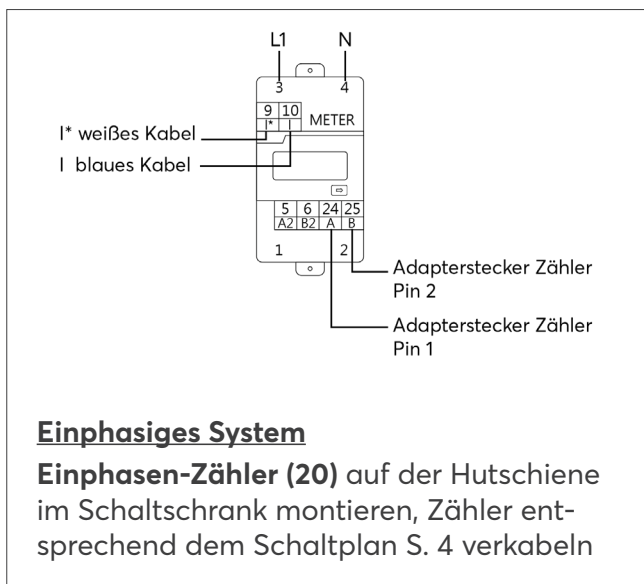
## MONTAGE UND VERKABELUNG BATTERY PACKS



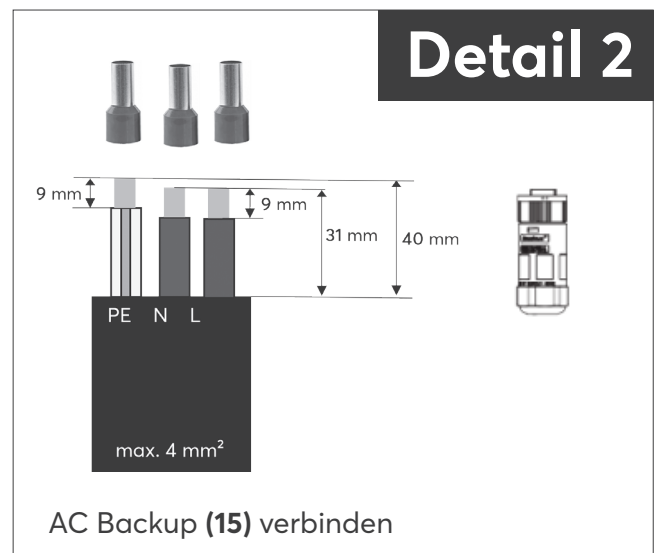
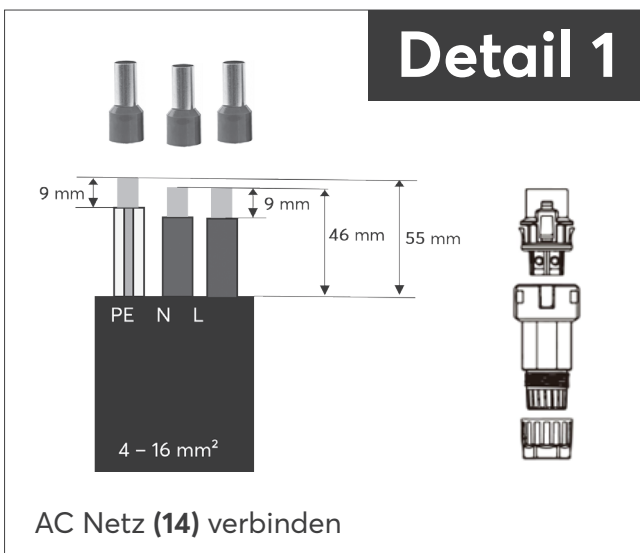
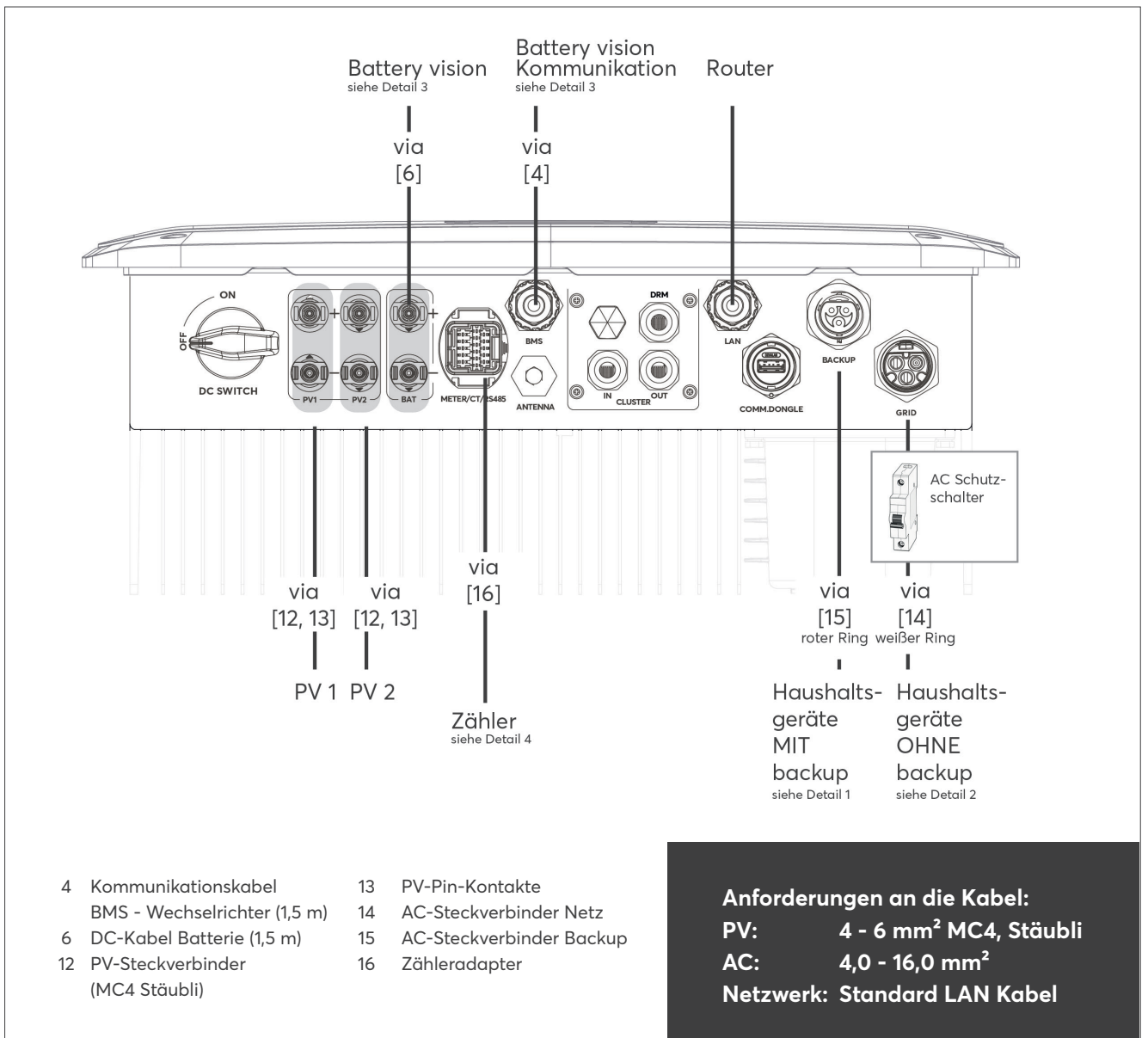
## MONTAGE UND VERKABELUNG INVERTER



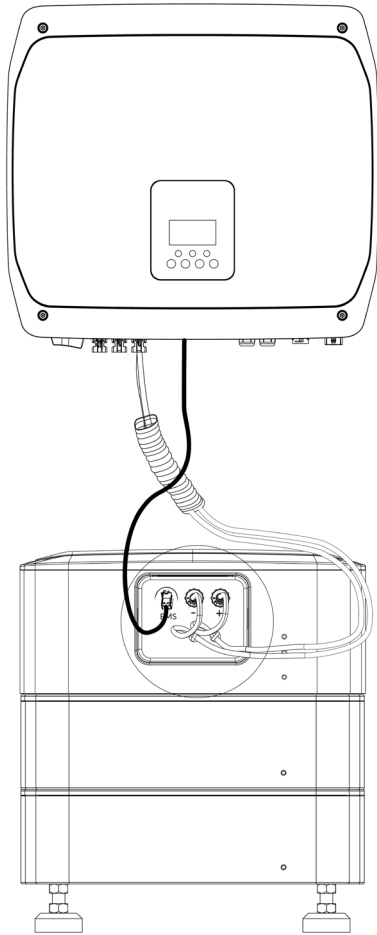
## ZÄHLER INSTALLATION UND VERKABELUNG



# WECHSELRICHTER VERKABELUNG



## Detail 1

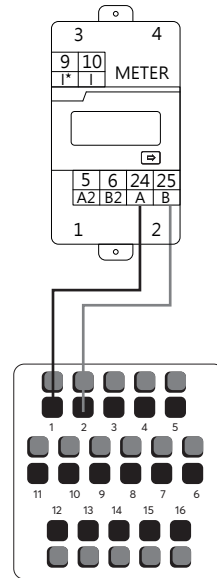


Batterie verbinden (6, 4)

## Detail 2a

PIN Zähler	24	25
PIN Adapter	1	2

(Ansicht auf den Adapter von der Seite der Anschlüsse)

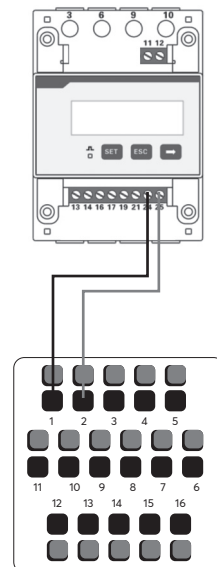


Einphasenzähler verbinden (16)

## Detail 2b

PIN Zähler	24	25
PIN Adapter	1	2

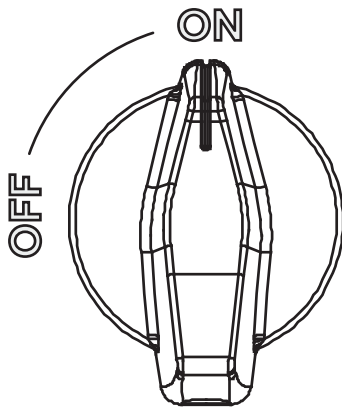
(Ansicht auf den Adapter von der Seite der Anschlüsse)



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

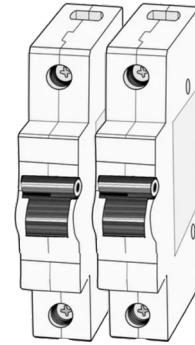
## SYSTEMSTART

1



DC-Schalter am Wechselrichter anschalten

2



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

3

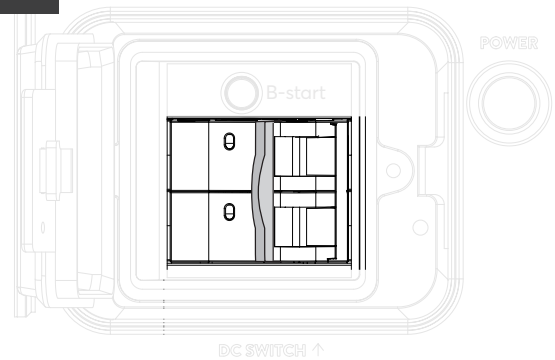


- Gridcode für Netzsicherheit einstellen
- Datum und Zeit einstellen

Bestätigen Button am Wechselrichter  für 3 Sekunden drücken

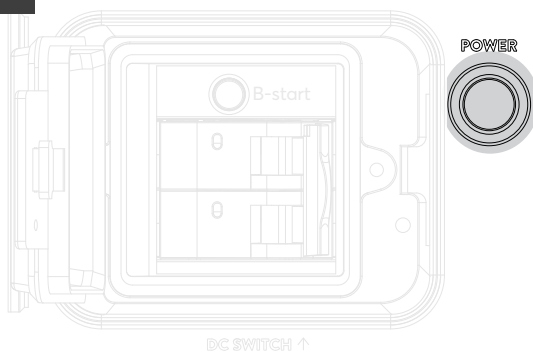
- START wählen

4



DC-Schalter an der Batterie (top pack) anschalten

5



POWER 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  $\varphi$  einstellen

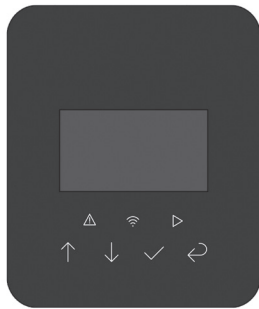
#### Charger vision

- 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

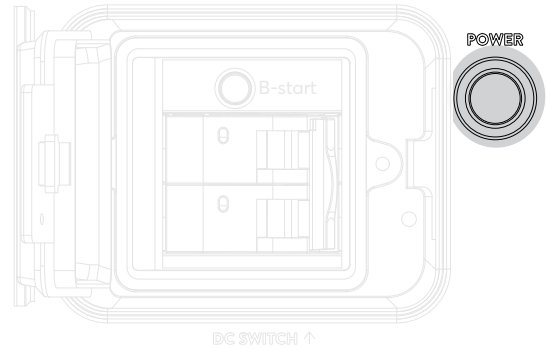
1



Bestätigen Button am Wechselrichter   
für 3 Sekunden drücken

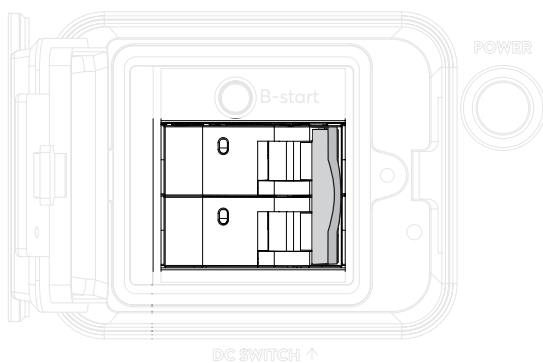
- STOP wählen

2



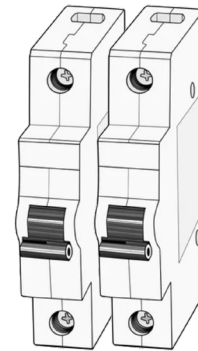
POWER button an der Batterie (top pack)  
betätigen

3



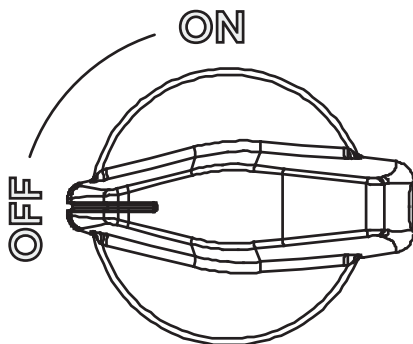
DC-Schalter an der Batterie (top pack)  
ausschalten

4



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

5



DC-Schalter am Wechselrichter ausschalten

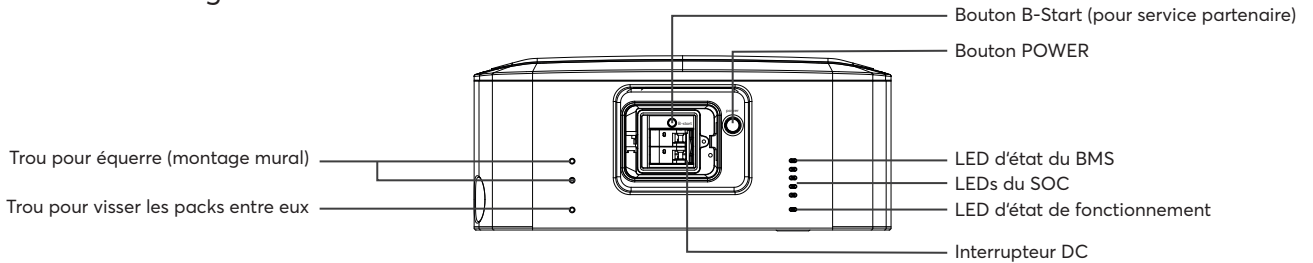




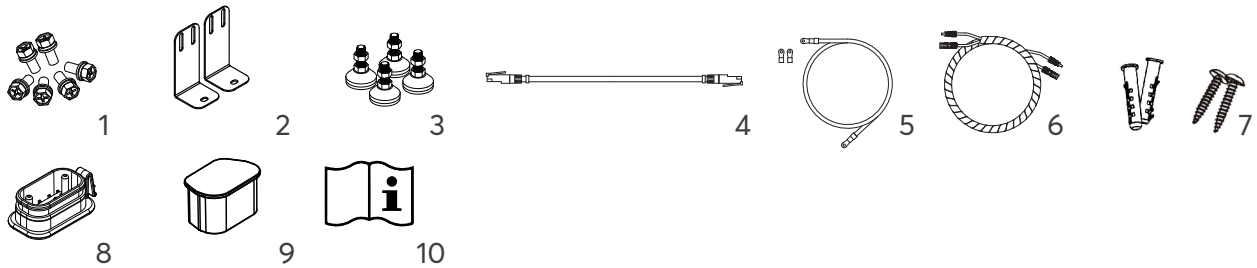
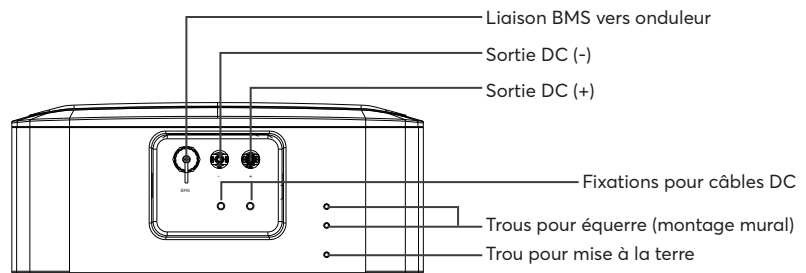
## COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

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

#### Vue du côté gauche

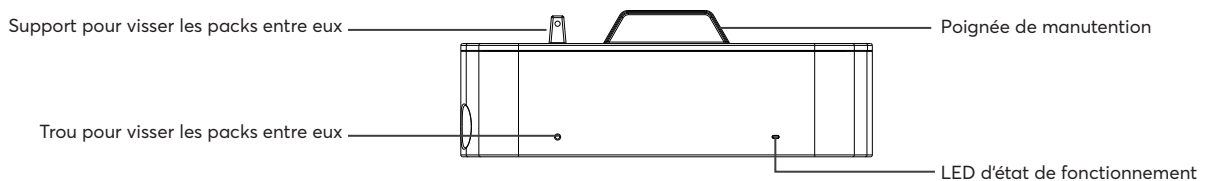


#### Vue du côté droit



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



21

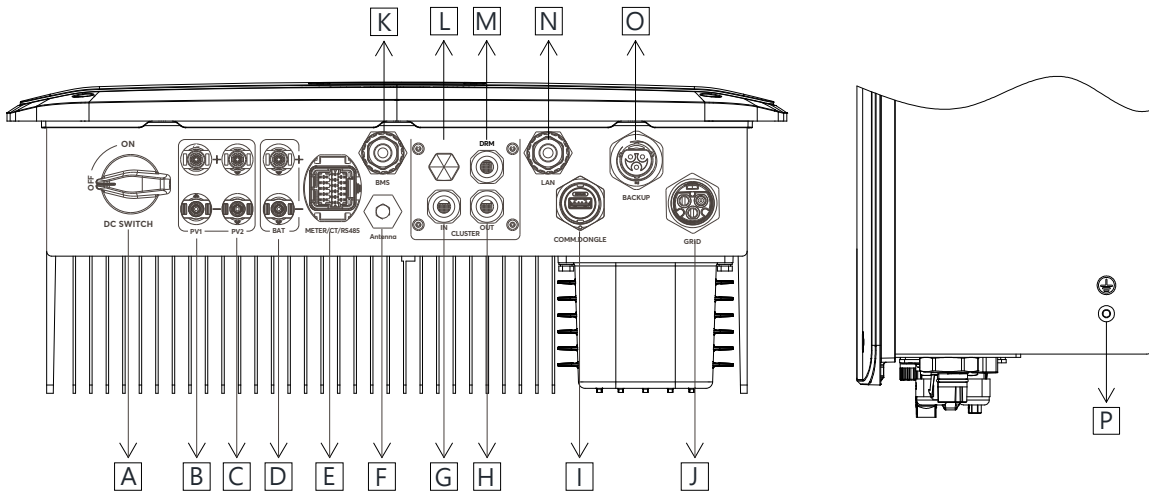


22

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

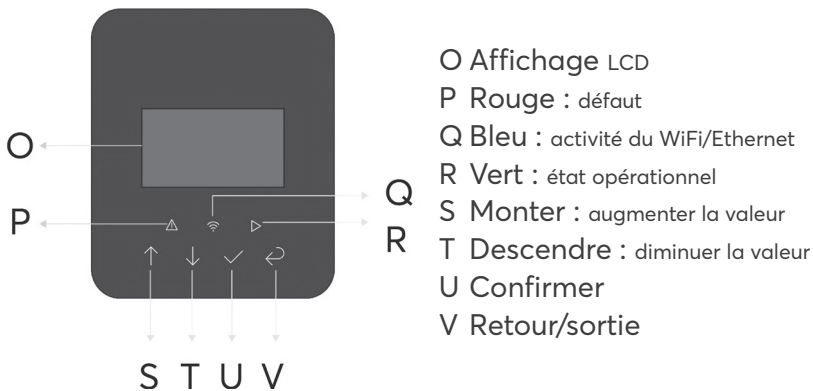
# COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

## Inverter vision one 1.0



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

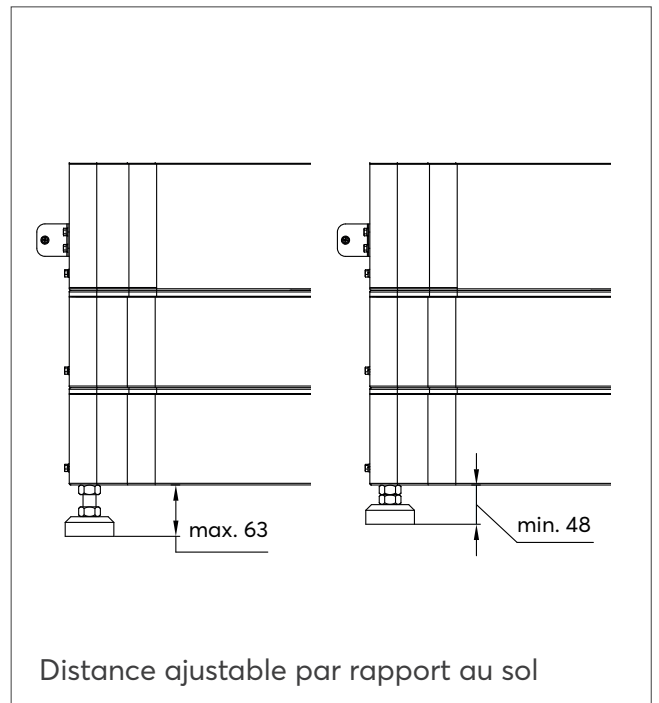
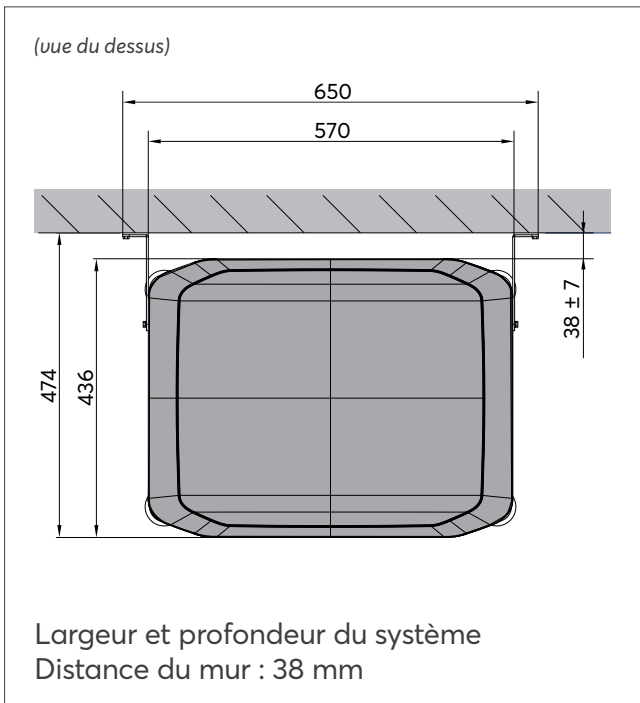
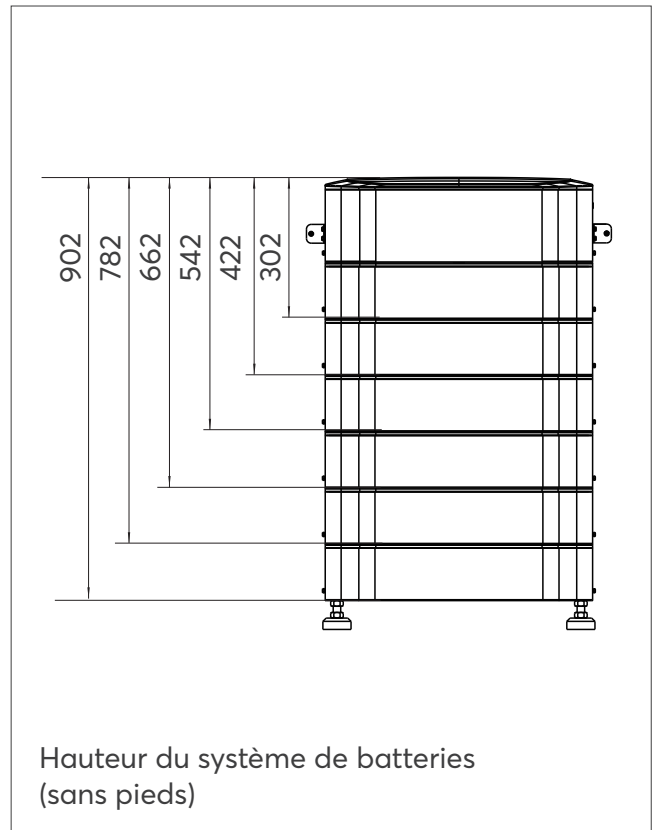
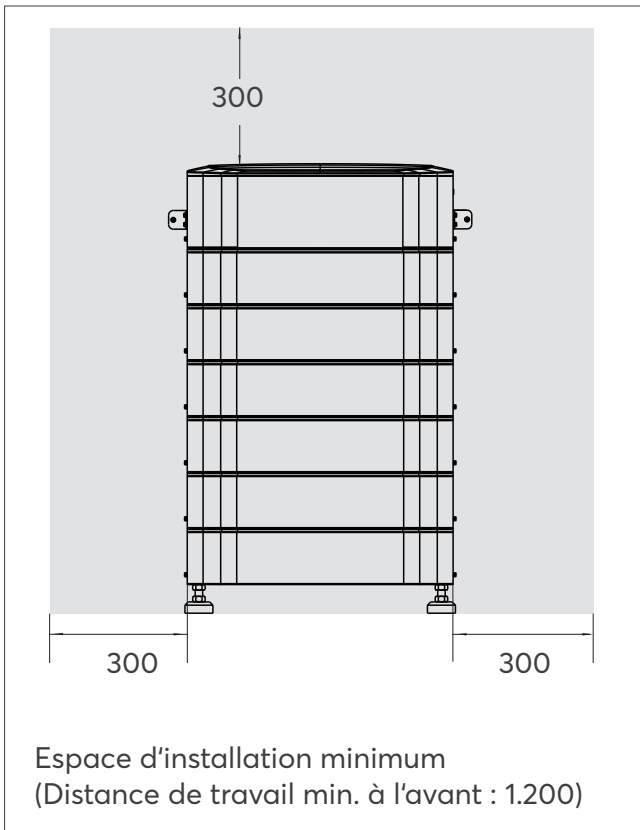
- 
- 11 Support de montage
  - 12 Connecteurs PV (MC4 Stäubli)
  - 13 Cosses des connecteurs PV
  - 14 Connecteur AC GRID (blanc)
  - 15 Connecteur AC BACKUP (rouge)
  - 16 Connecteur pour liaison avec le compteur (METER)
  - 17 Vis pour support de montage, chevilles
  - 18 Antenne
  - 19 Cosse pour mise à la terre
  - 20 Compteur avec pince TC
  - 21 2x prises RJ45 pour installation extérieure (étanche)
  - 22 Consignes de sécurité  
Guide de démarrage rapide



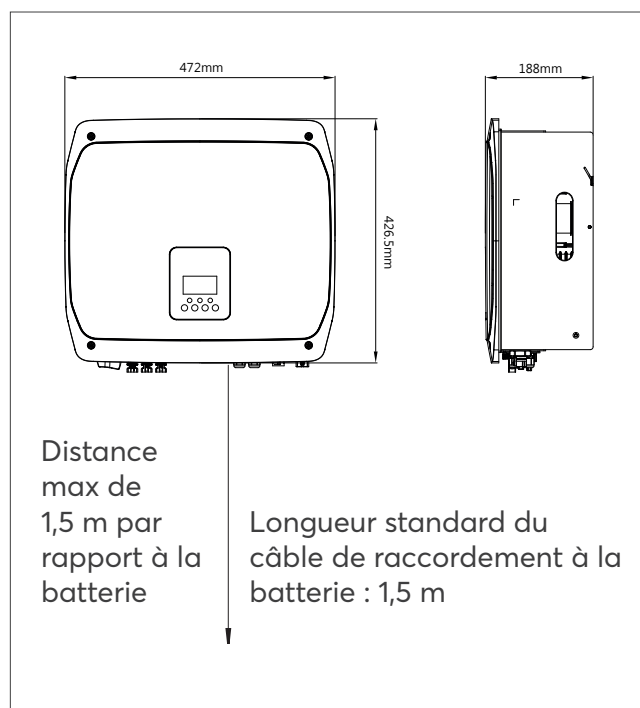
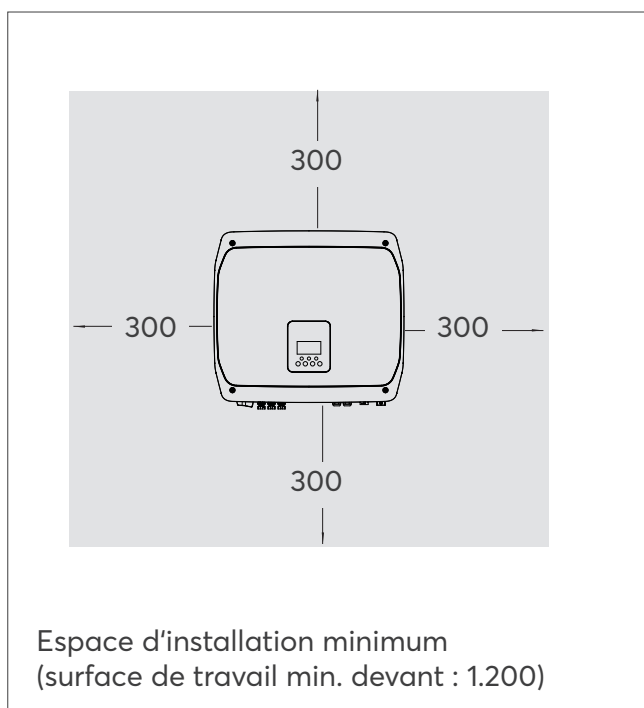
### Équipement supp. requis :

- 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

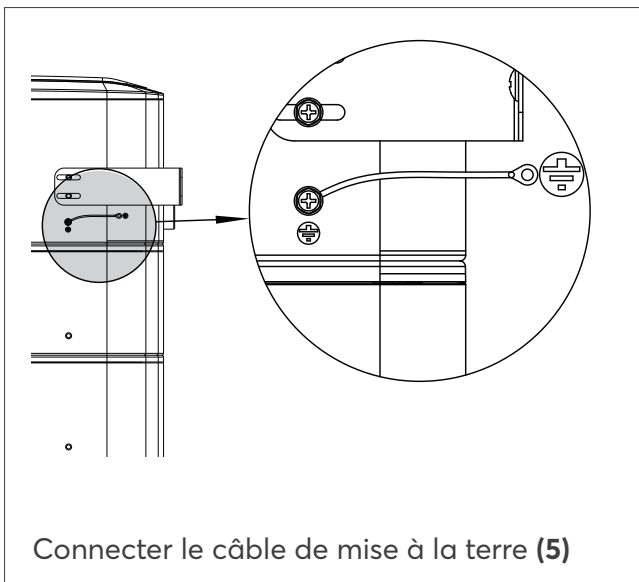
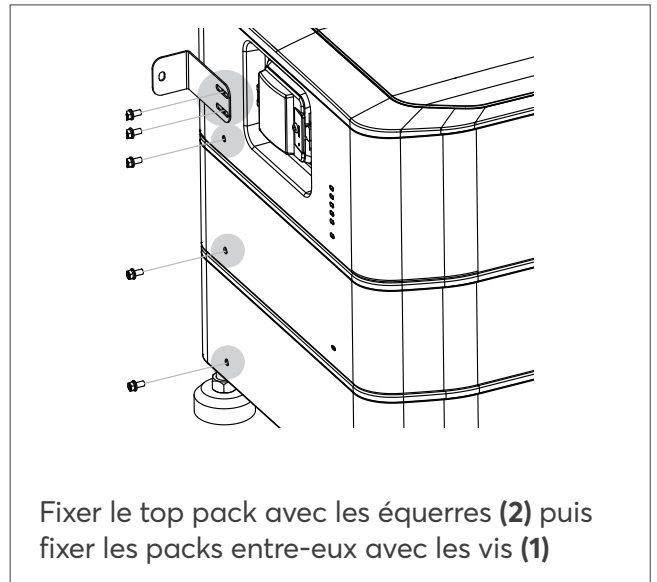
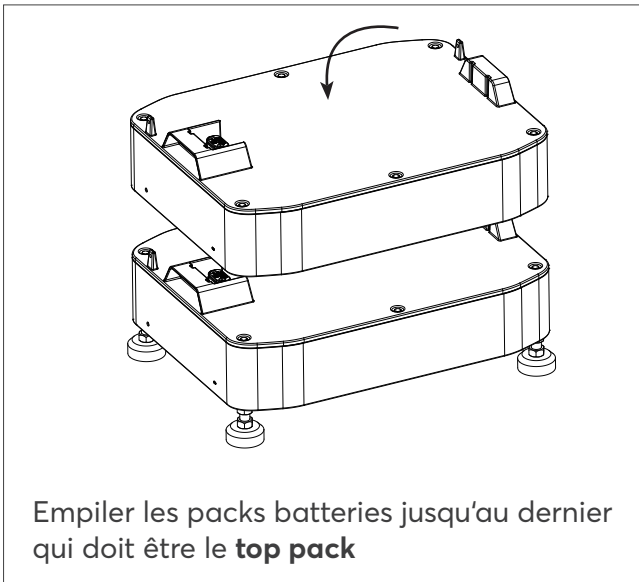
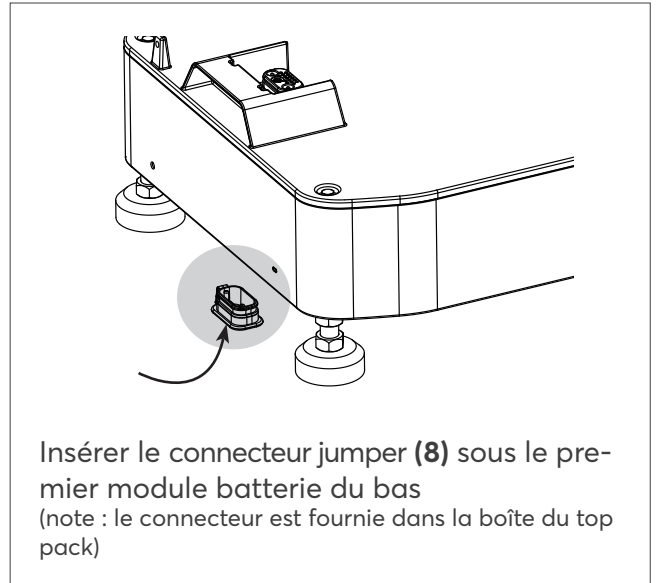
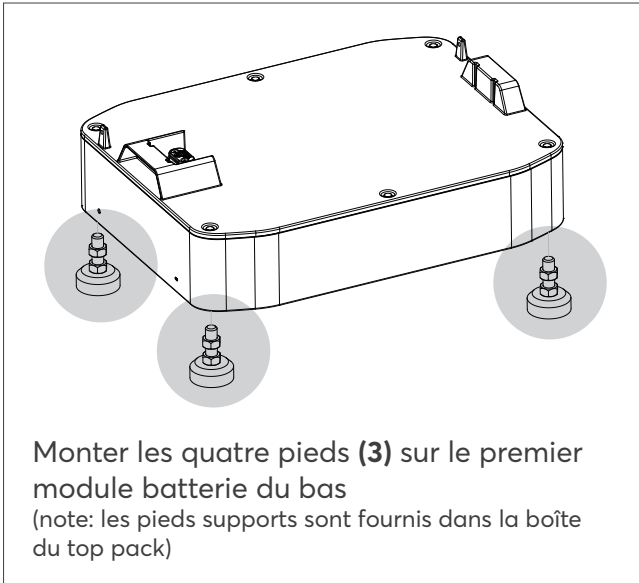
## DIMENSIONS DE LA BATTERY VISION [MM]



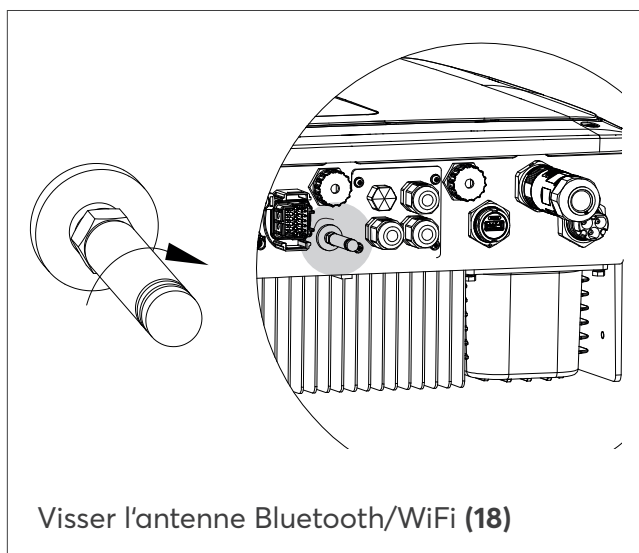
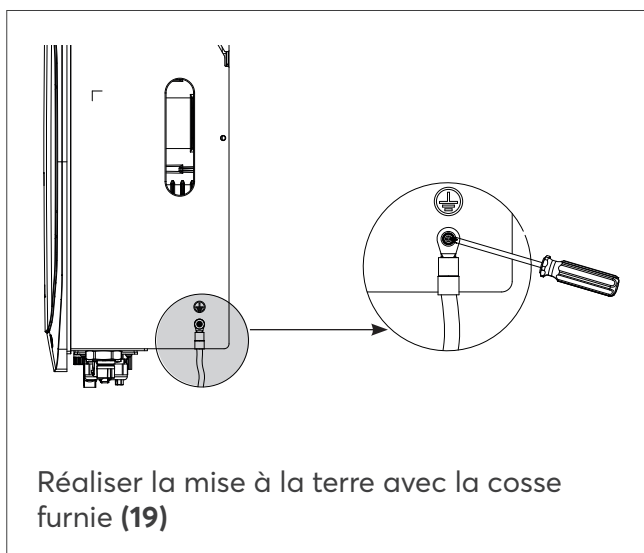
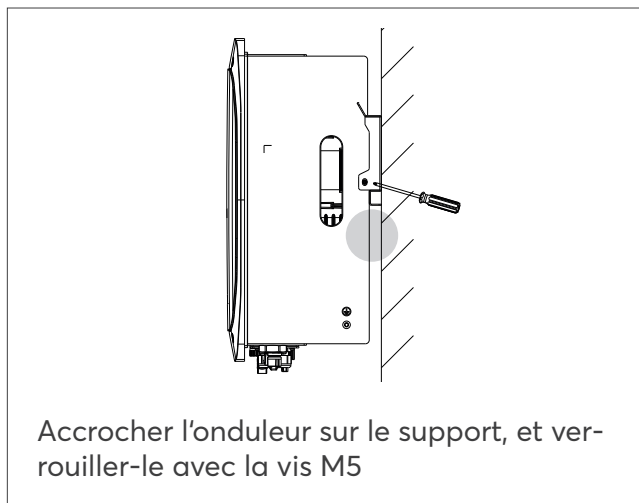
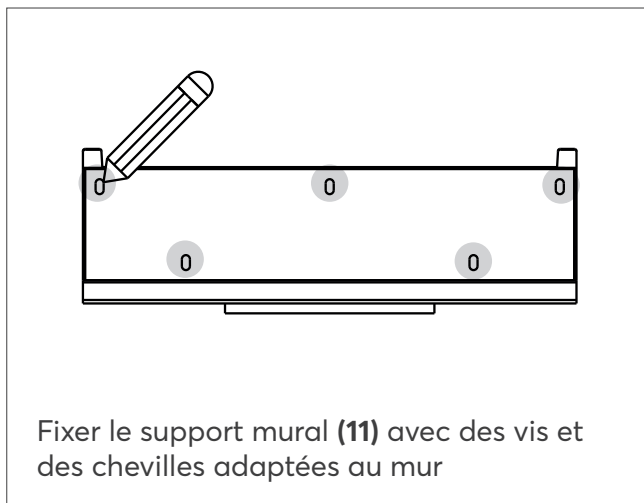
## DIMENSIONS DE L'ONDULEUR INVERTER VISION ONE [MM]



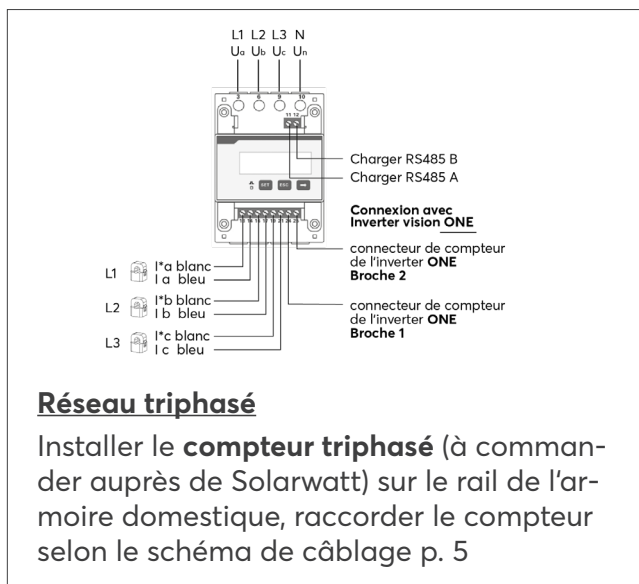
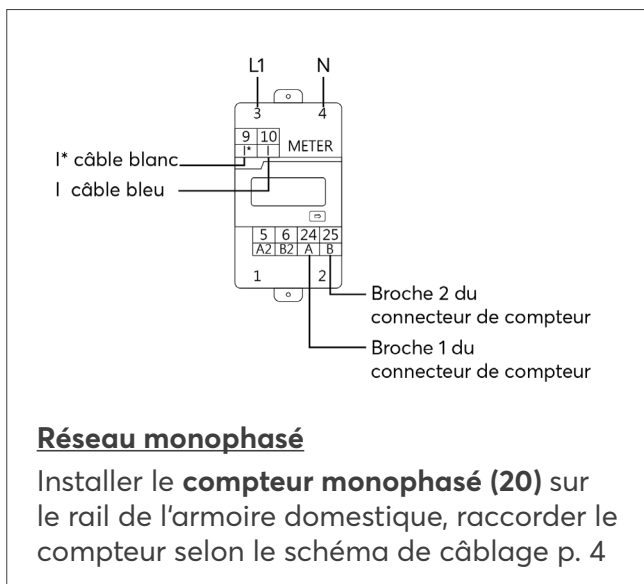
## MONTAGE ET CÂBLAGE DES PACKS BATTERIES



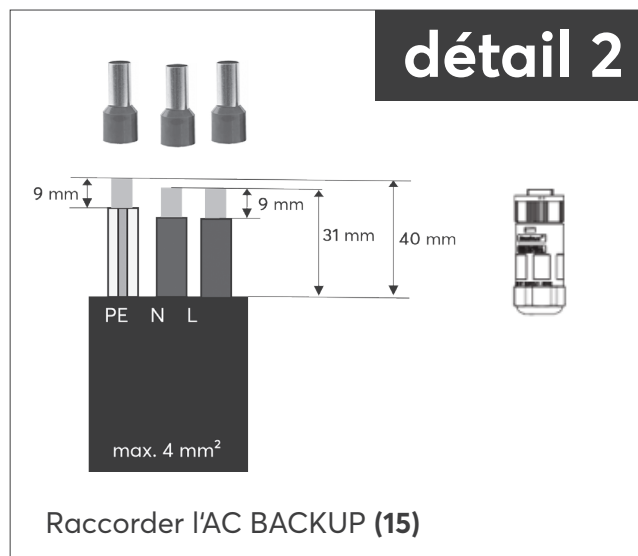
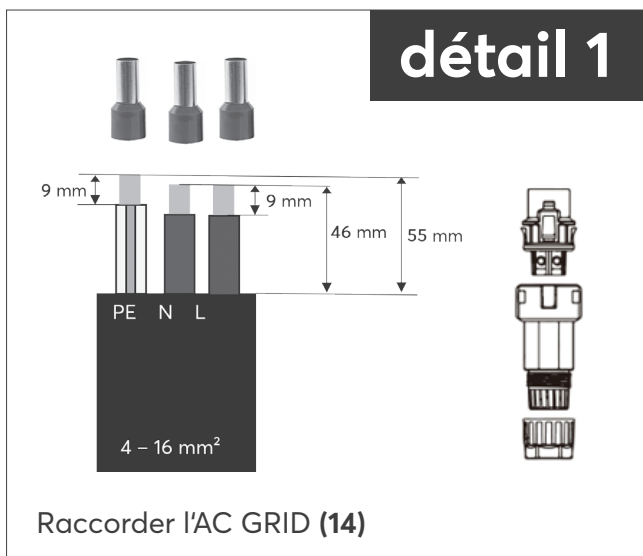
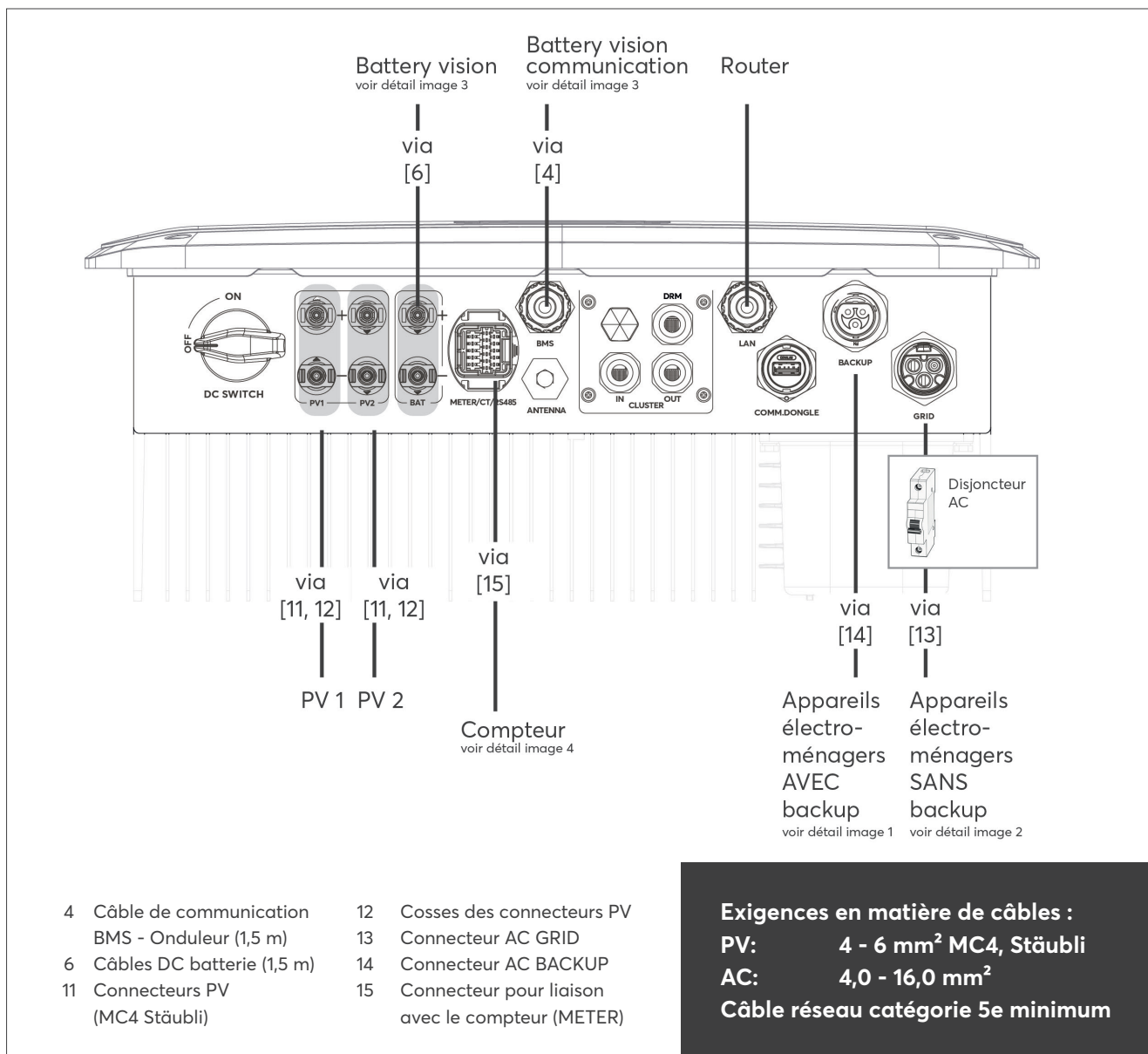
## MONTAGE ET ET CÂBLAGE DE L'ONDULEUR



## MONTAGE ET CÂBLAGE DU COMPTEUR



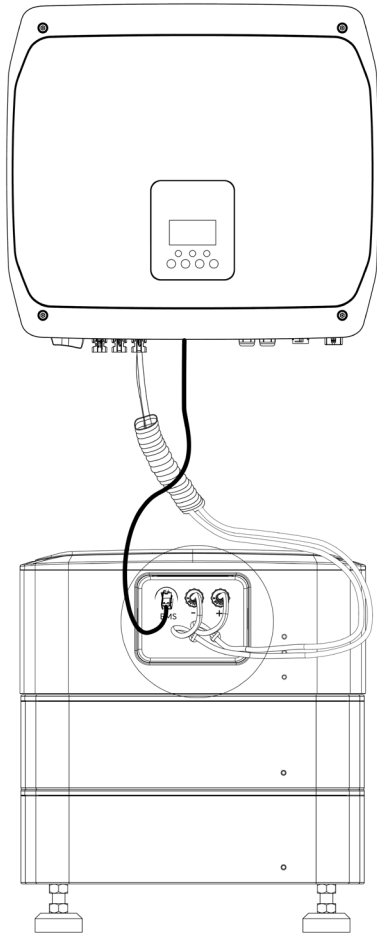
# CÂBLAGE DE L'ONDULEUR





# MONTAGE ET CÂBLAGE DE L'ONDULEUR

## détail 1

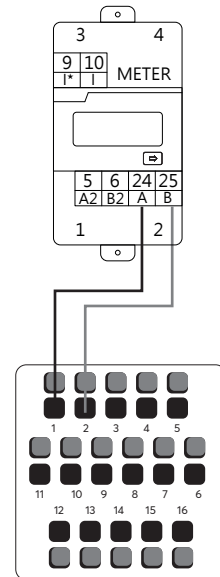


Raccorder la batterie à l'aide des câbles DC batteries (6) et du câble de communication BMS - Onduleur (4)

## détail 2a

PIN du compteur	24	25
PIN du connecteur	1	2

(Vue du côté des connexions)

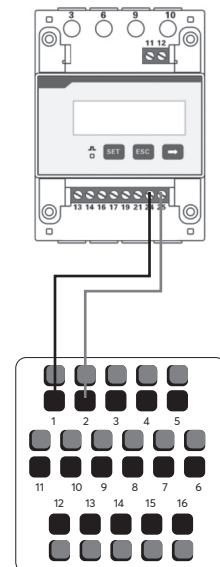


Raccorder le compteur Chint monophasé à l'aide du connecteur prévu à cet effet (15)

## détail 2b

PIN du compteur	24	25
PIN du connecteur	1	2

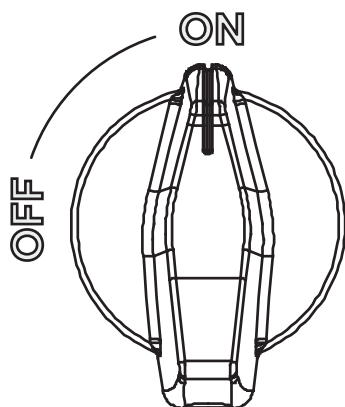
(Vue du côté des connexions)



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

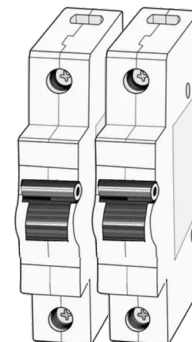
## DÉMARRAGE DU SYSTÈME

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

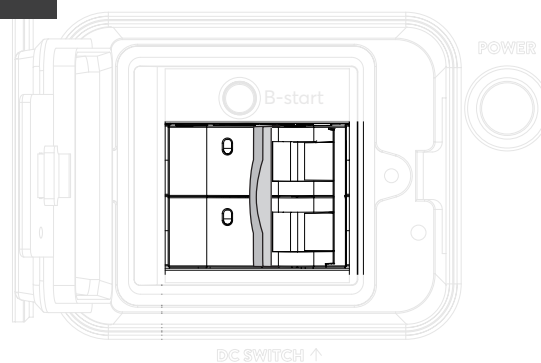


- définir le code réseau pour la sécurité du réseau
- reseauégler l'heure

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

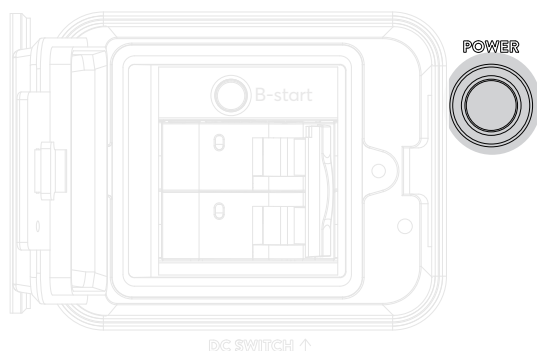
- sélectionner START

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  $\varphi$

#### 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

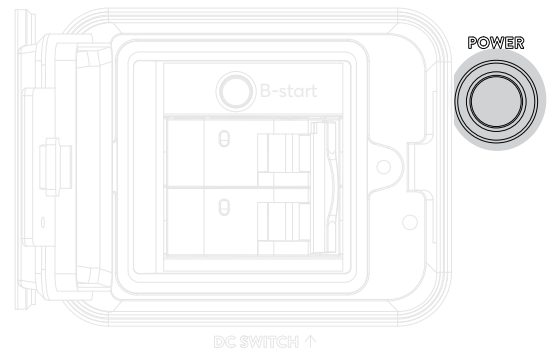
1



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

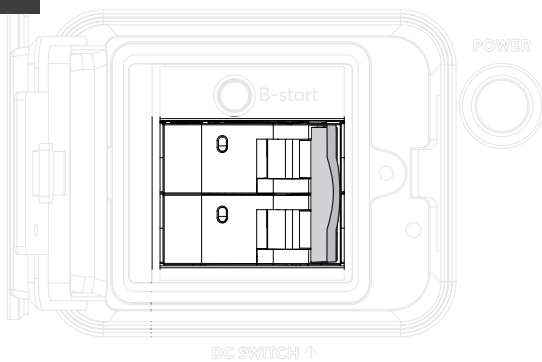
- sélectionner STOP

2



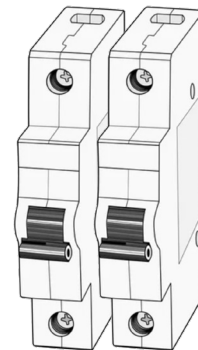
Appuyer sur le bouton POWER (top pack)

3



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

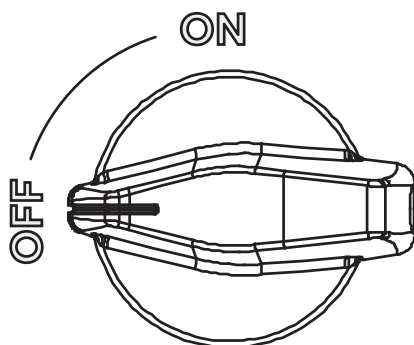
4



Éteindre

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

5



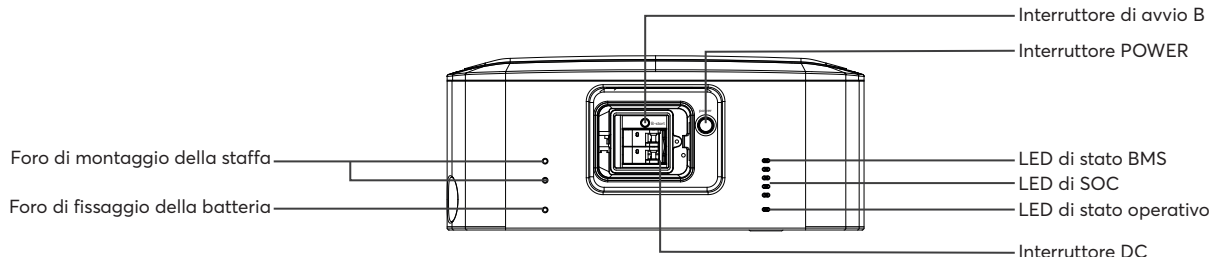
Tourner l'interrupteur **DC Switch** de l'onduleur sur OFF



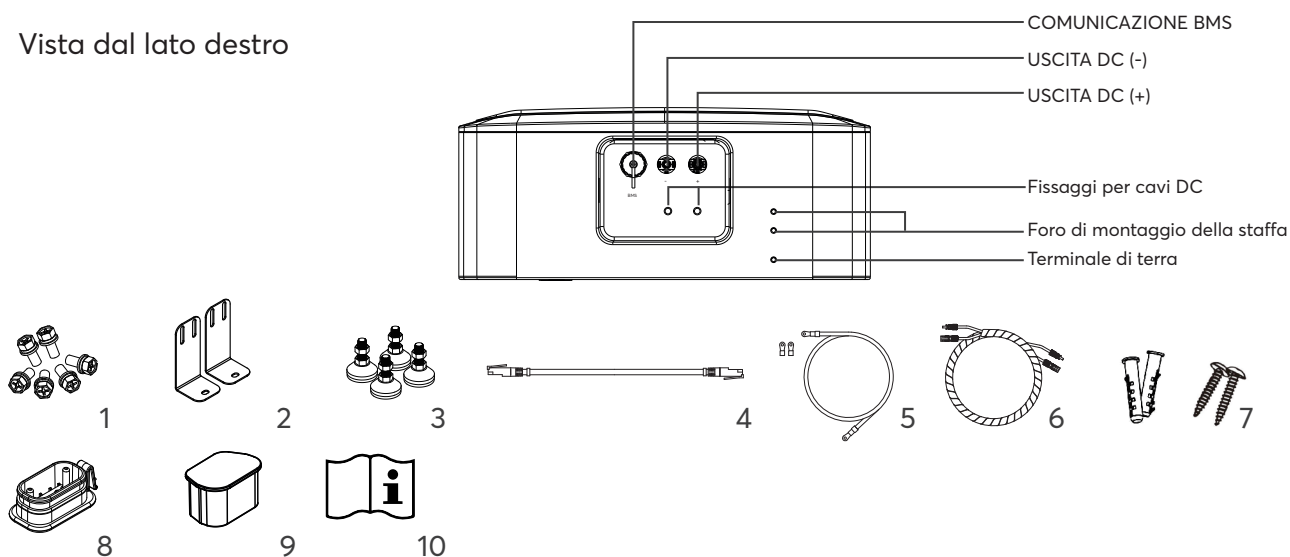
## DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

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

Vista dal lato sinistro

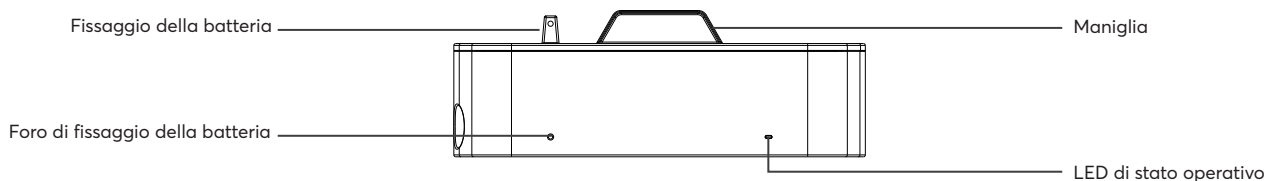


Vista dal lato destro



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

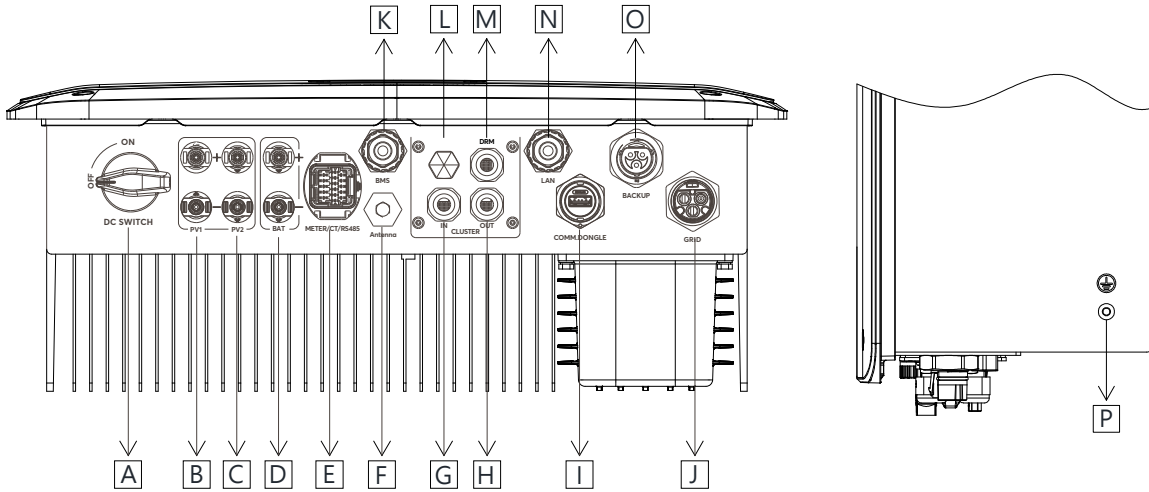


22

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

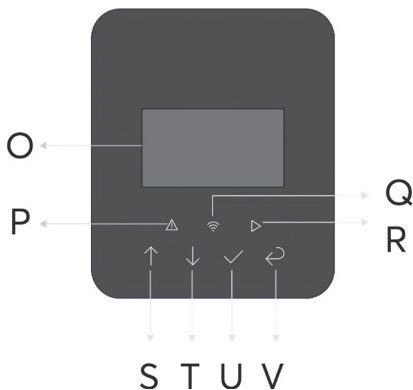
# DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

## Inverter vision 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 |    |    |    |    |    |    |

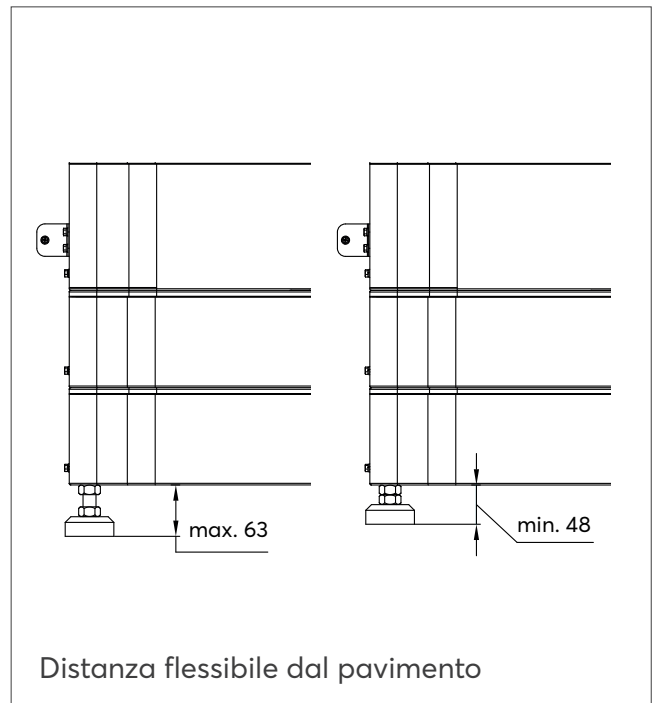
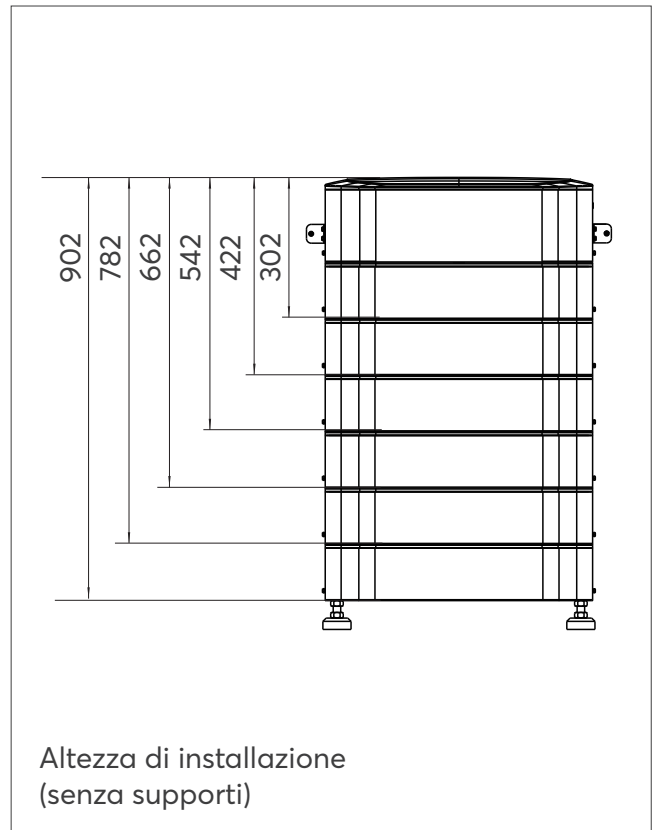
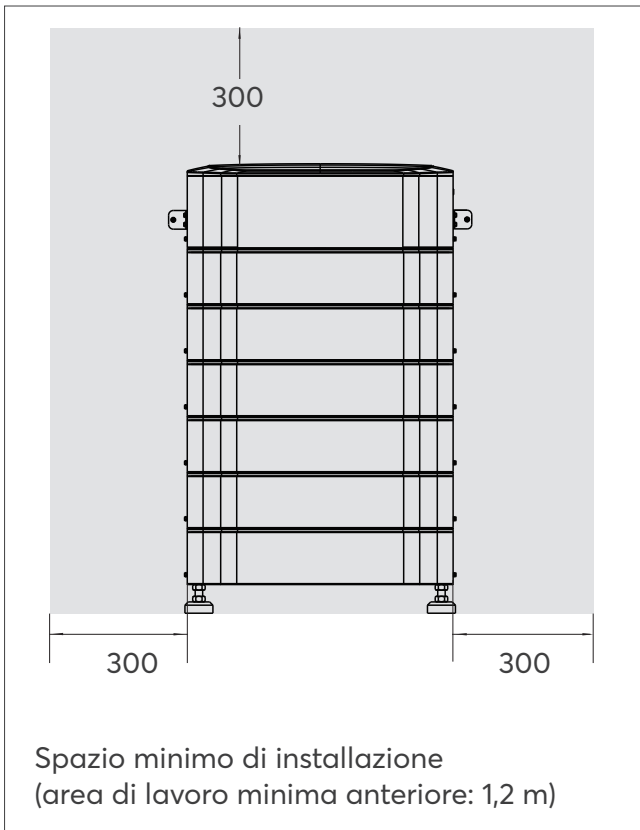


- O Schermo LCD (visualizza le informazioni dell'inverter)
- LED di stato:**
- P Rosso: segnalazione guasto
- Q Blu: attività WiFi/Ethernet
- R Verde: stato di normale funzionamento
- Pulsanti funzione:**
- S SU: sposta il cursore verso l'alto o aumenta il valore
- T GIU: sposta il cursore verso il basso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

### È necessario un equipaggiamento aggiuntivo:

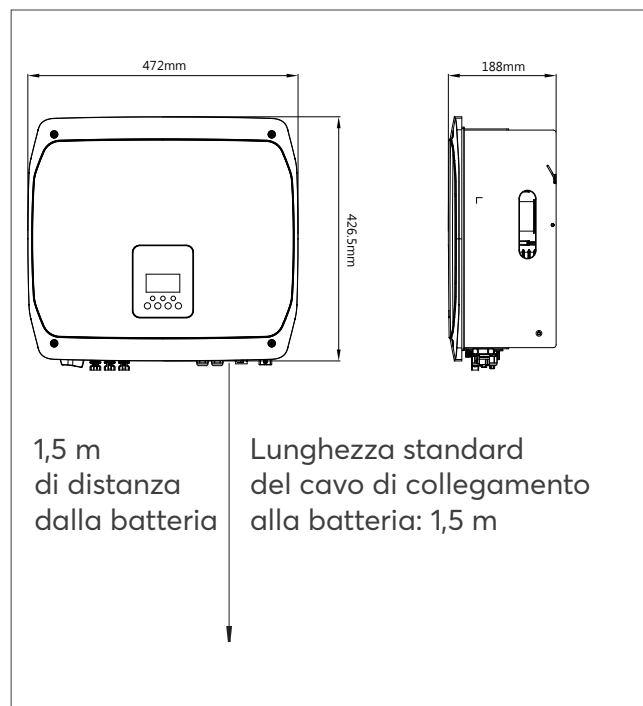
- Cavo di comunicazione (cavo RS485 a 2 fili) per collegare il TA al misuratore
- Cavo DC e AC per inverter
- Cavo LAN per inverter (opzionale)
- Cavo di messa a terra per l'inverter
- Interruttore automatico

## DIMENSIONI BATTERY VISION [mm]

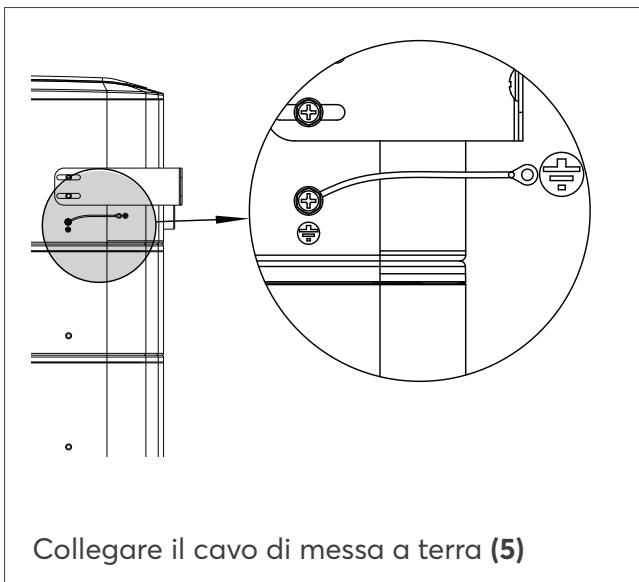
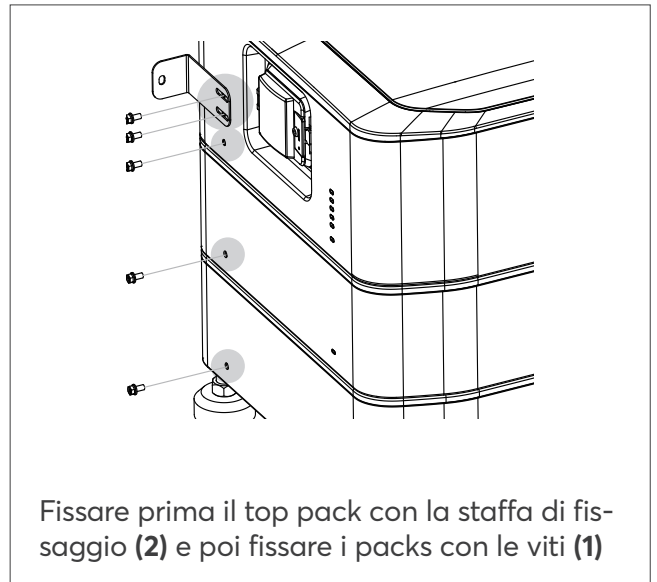
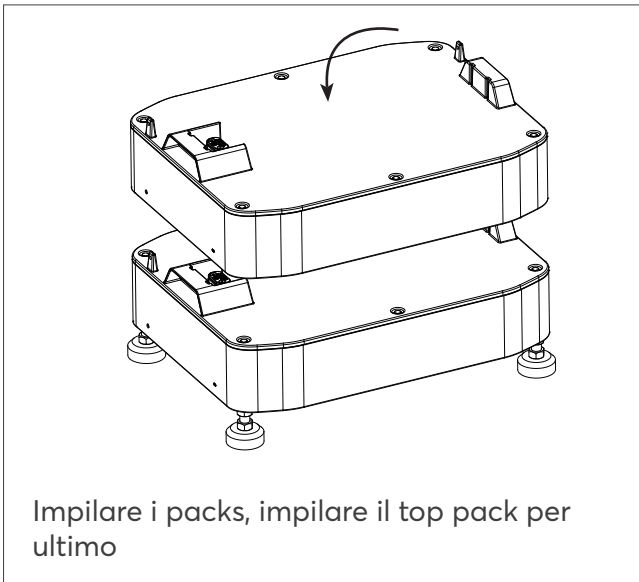
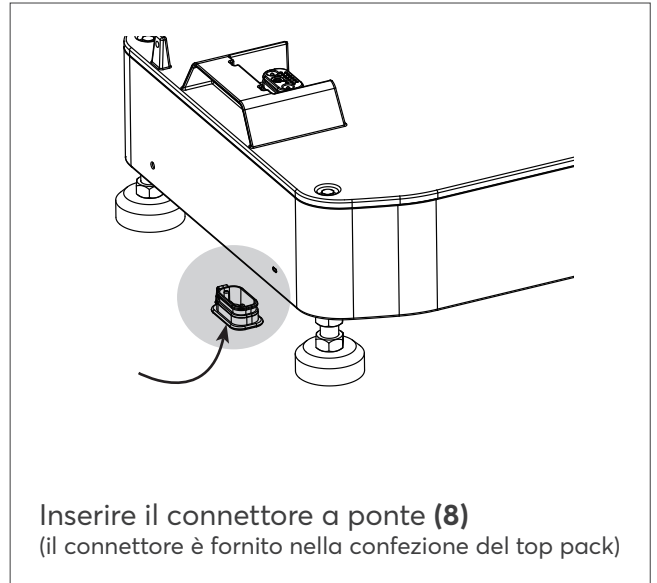
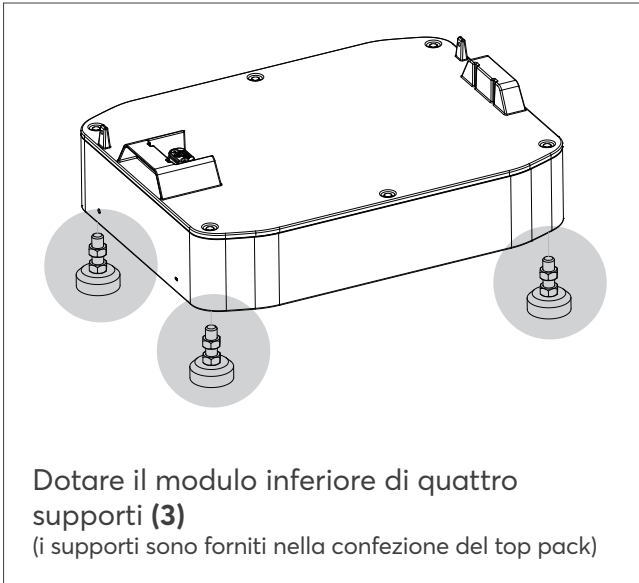




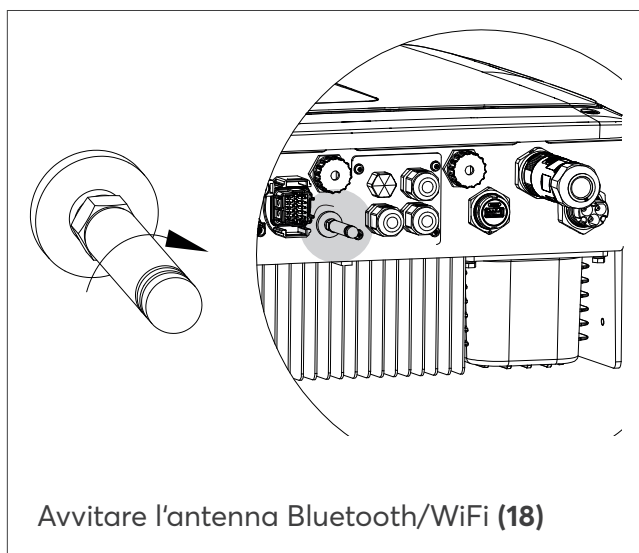
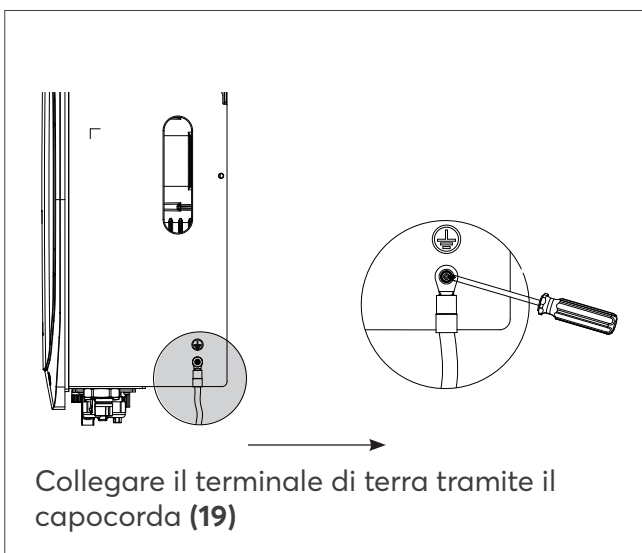
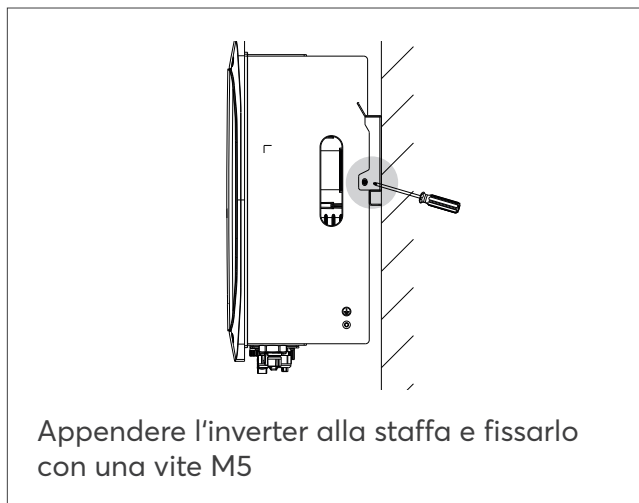
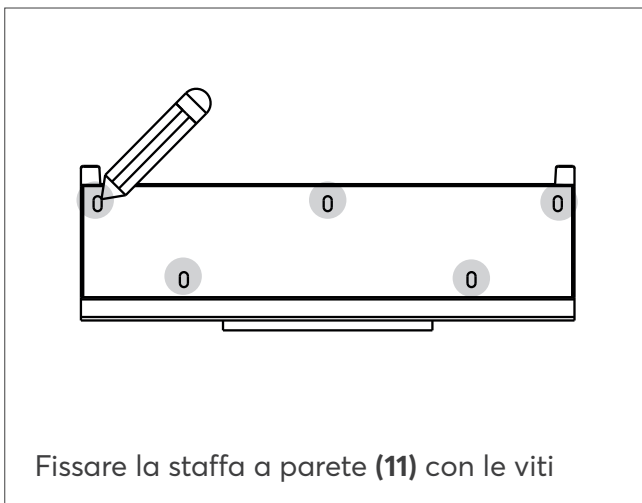
## DIMENSIONI INVERTER VISION ONE [mm]



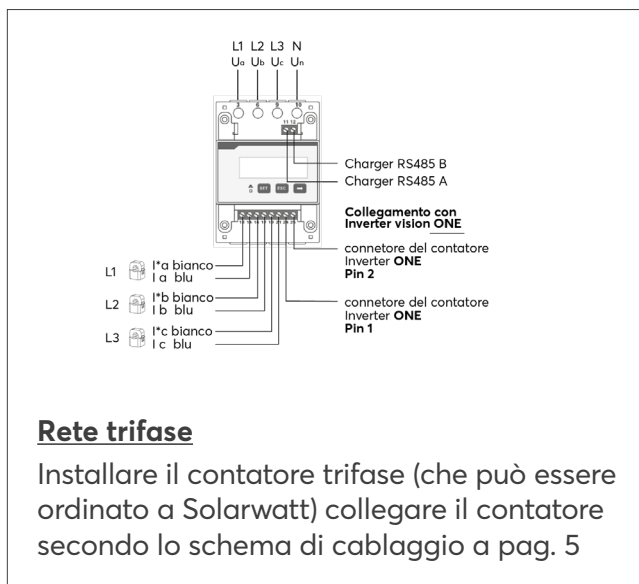
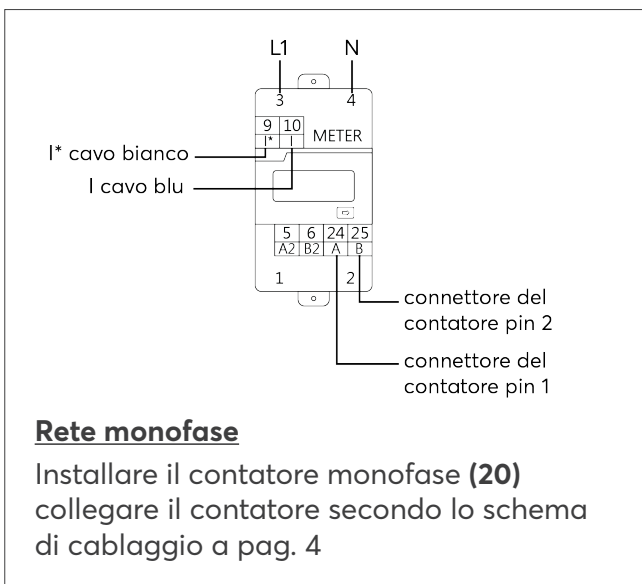
## BATTERY PACKS MONTAGGIO E CABLAGGIO



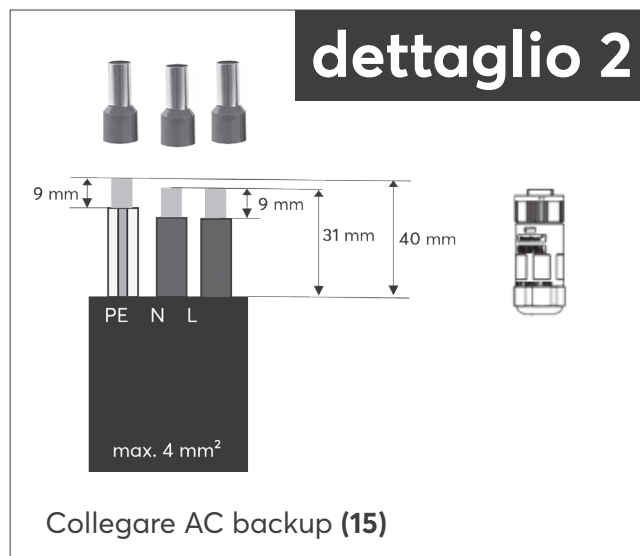
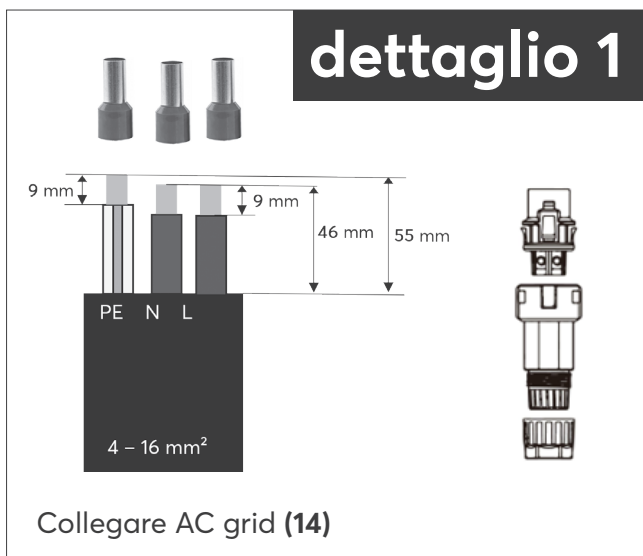
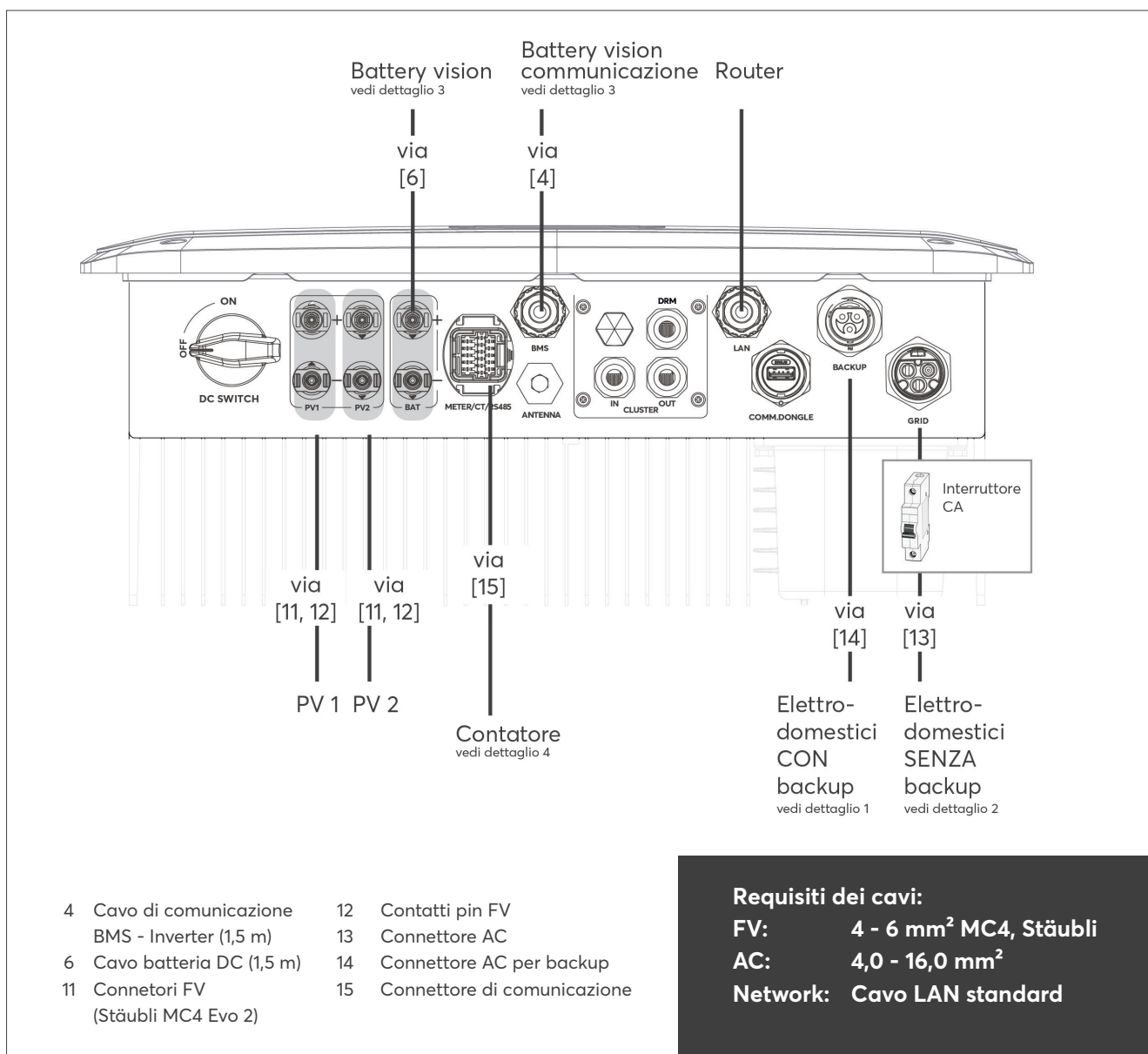
## INVERTER MONTAGGIO E CABLAGGIO



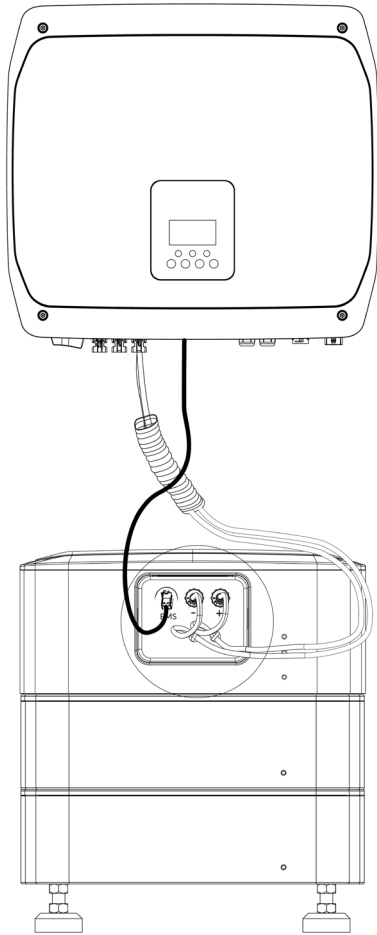
## CONTATORE MONTAGGIO E CABLAGGIO



## CABLAGGIO DELL'INVERTER



## dettaglio 1



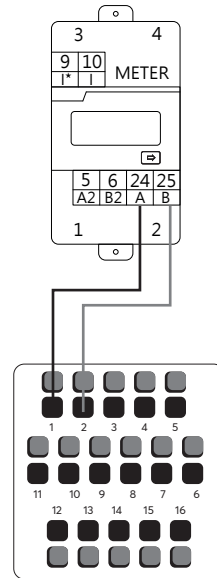
Collegare la batteria (6, 4)

## dettaglio 2a

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

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

(Vista dal lato delle connessioni)



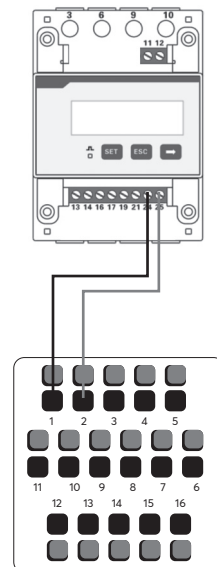
Collegare il contatore monofase (15)

## dettaglio 2b

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

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

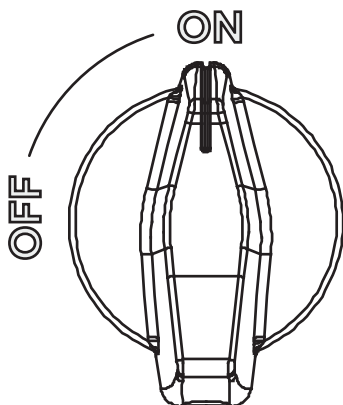
(Vista dal lato delle connessioni)



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

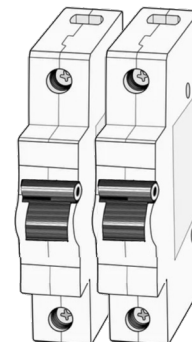
## AVVIO DEL SISTEMA

1



Accendere l'interruttore DC dell'inverter

2



Accendere

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

3

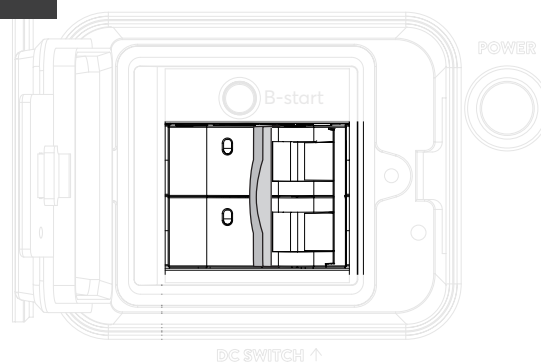


- impostare il codice della rete per la sicurezza della rete
- impostare l'ora

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

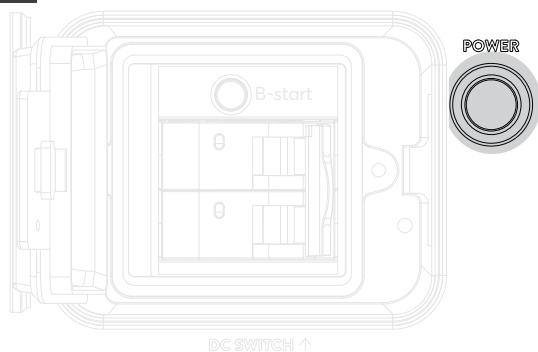
- selezionare START

4



Accendere l'interruttore DC della batteria (top pack)

5



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  $\varphi$

#### 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

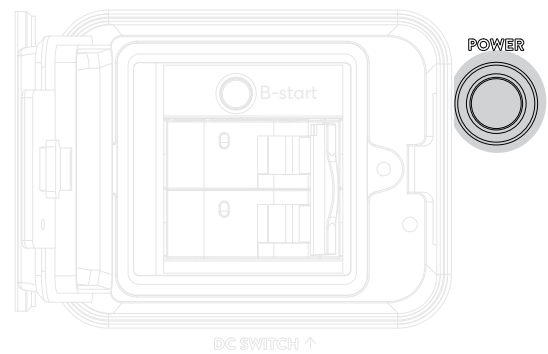
1



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

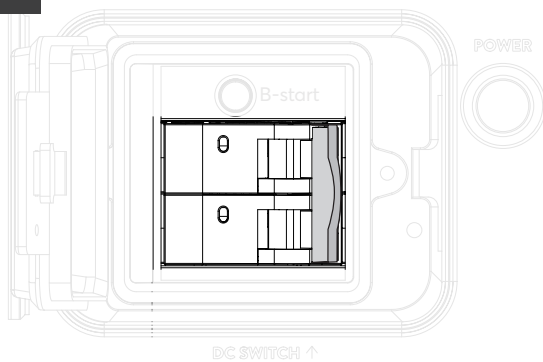
- selezionare STOP

2



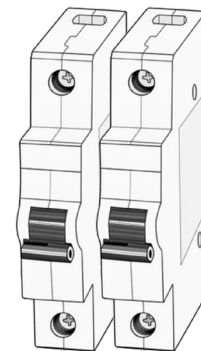
Premere il pulsante POWER (top pack)

3



Spegnere l'interruttore DC della batteria (top pack)

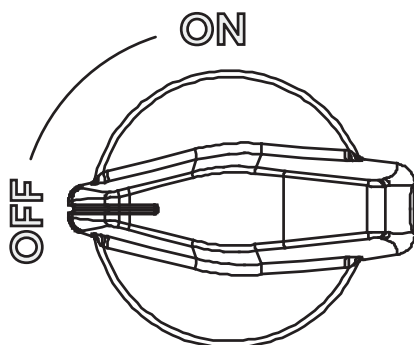
4



Spegnere

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

5



Disattivare l'interruttore DC dell'inverter

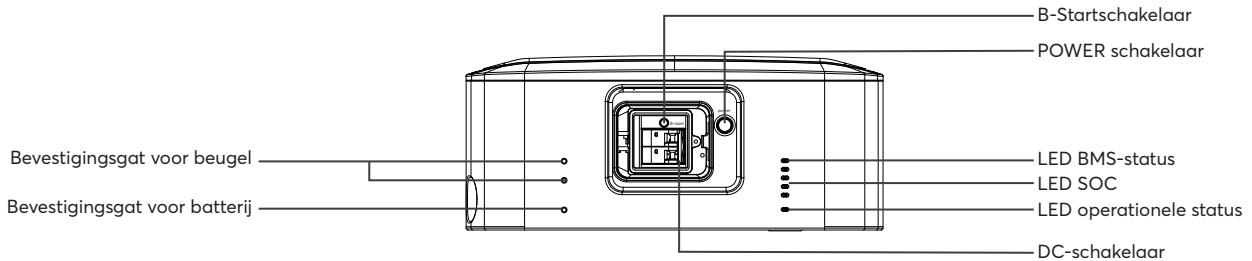




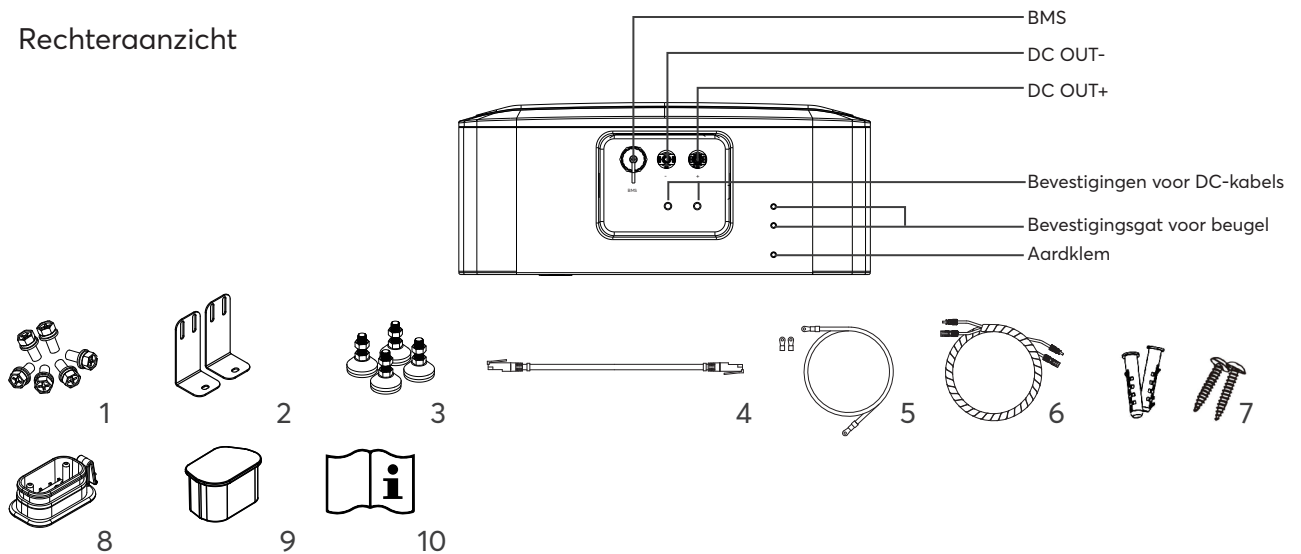
## TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

### 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)

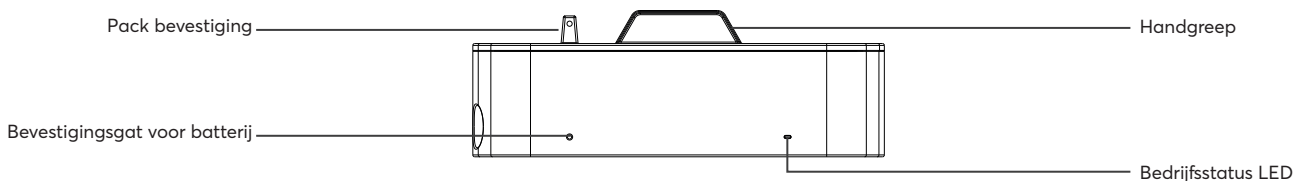
7 2 Schroeven voor muurbevestiging

8 Contrastekker

9 Beschermkap connector

10 Veiligheidsinstructies

### Battery vision pack 1.0 (2.6 kWh)



21



22

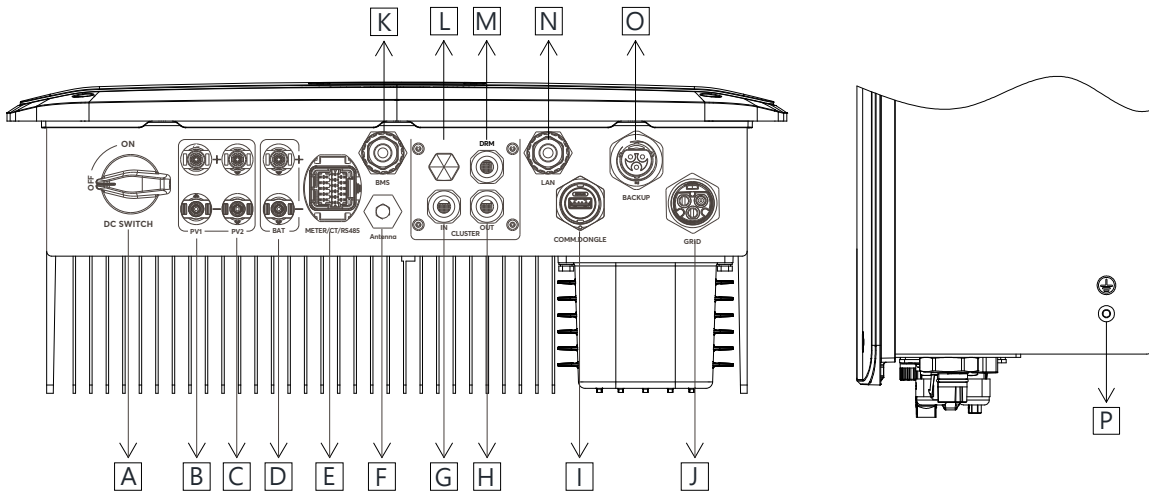
21 Schroeven (M5)

voor pack bevestiging










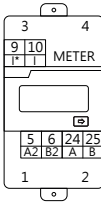


22 Veiligheidsinstructies

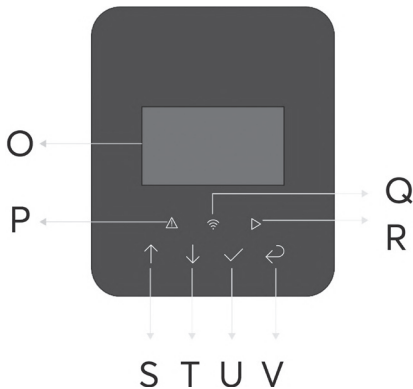
# TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

## Inverter vision 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  |   |   |   |   |   |   |

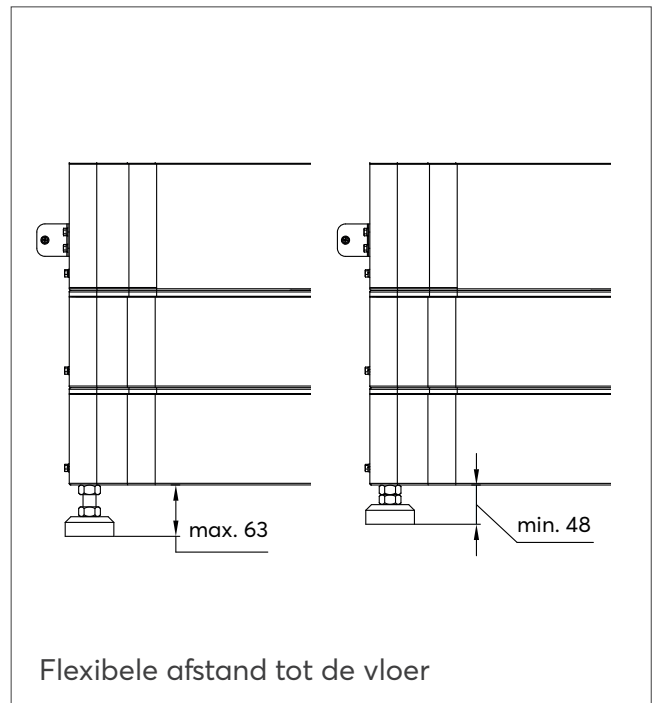
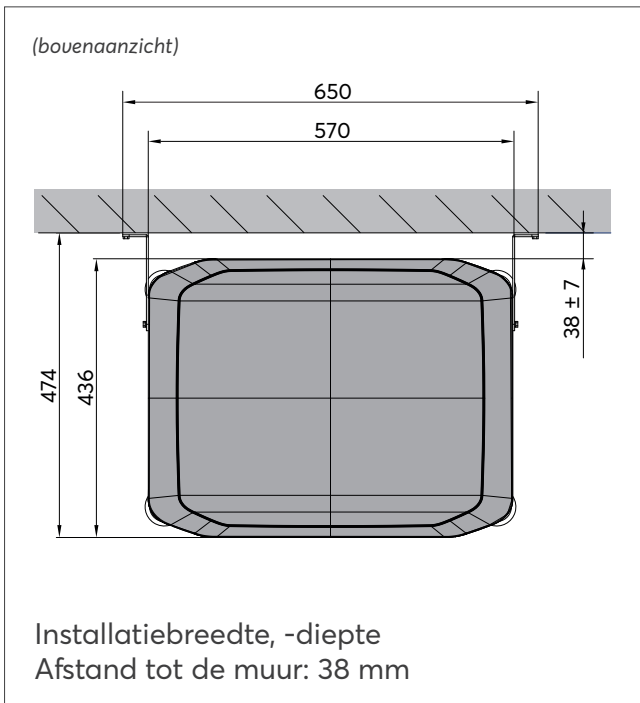
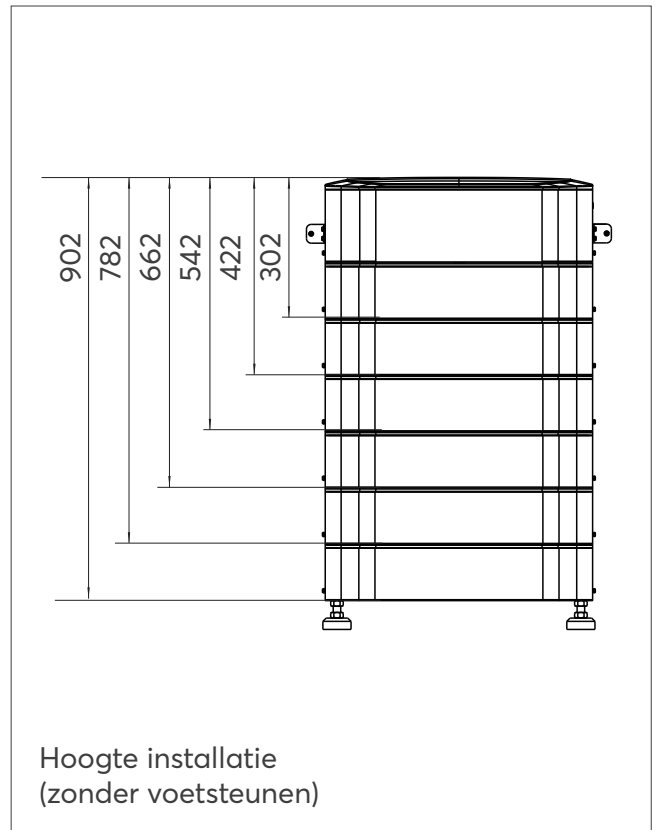
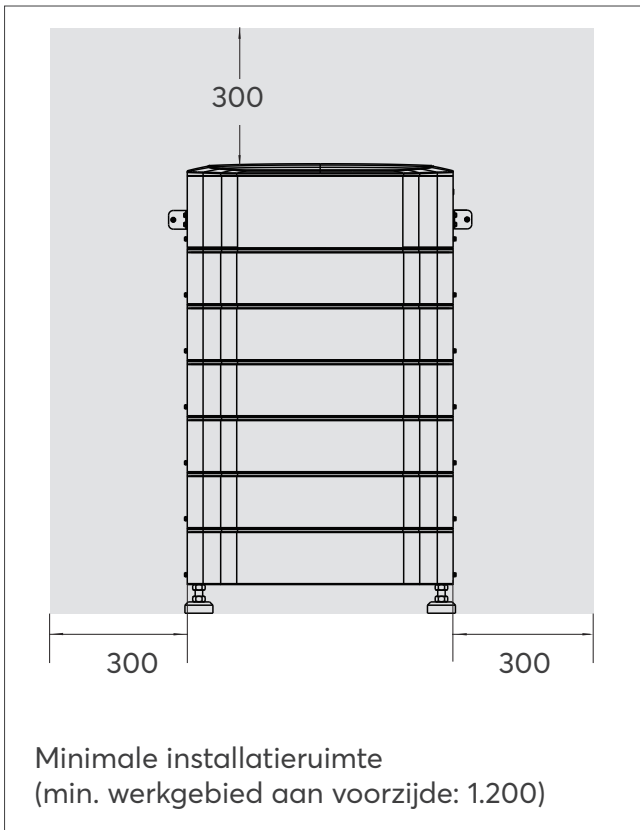


- O LCD-scherm
- P rood: fout
- Q blauw: WLAN/LAN-status
- R groen: operationele modus
- S omhoog bewegen; waarde verhogen
- T beneden bewegen; waarde verlagen
- U bevestigen
- V terug/uit

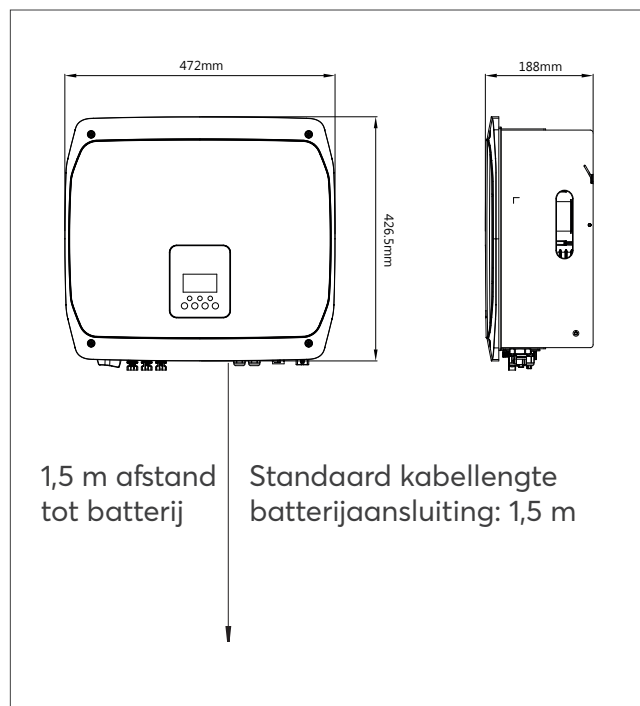
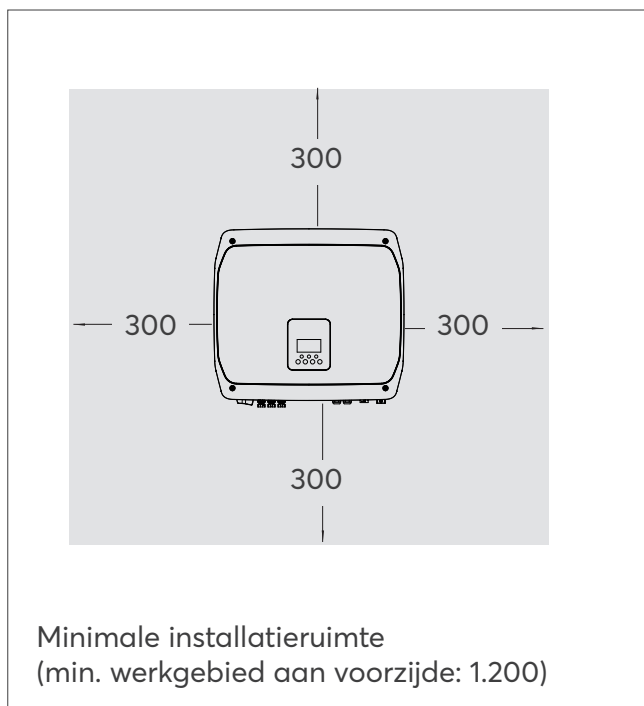
### Extra apparatuur vereist:

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

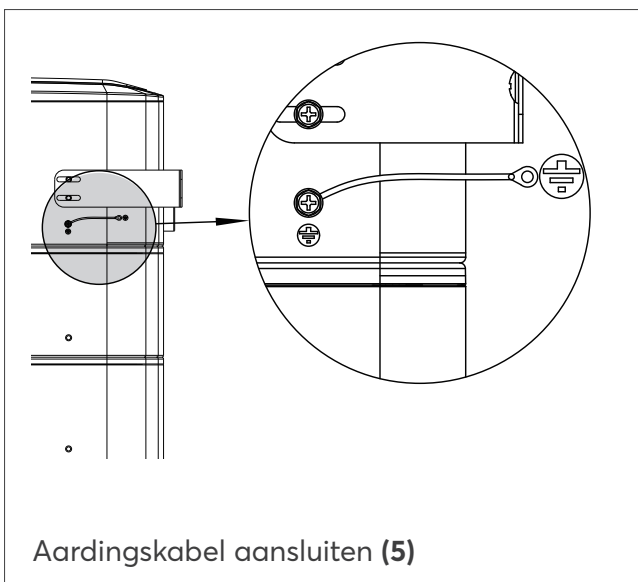
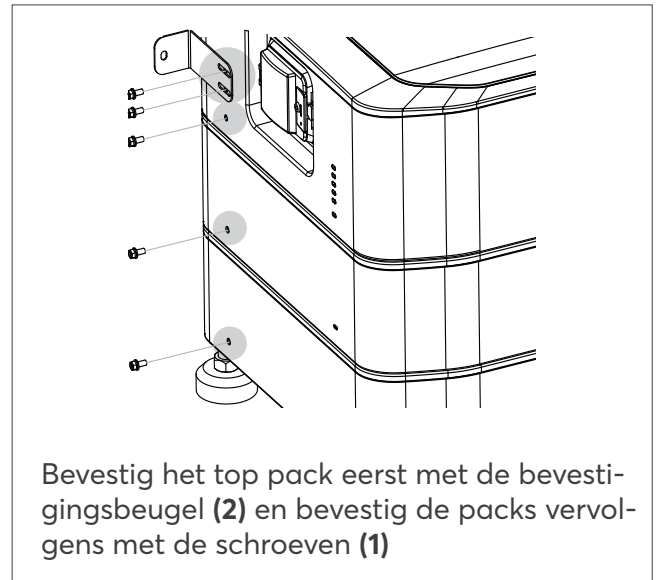
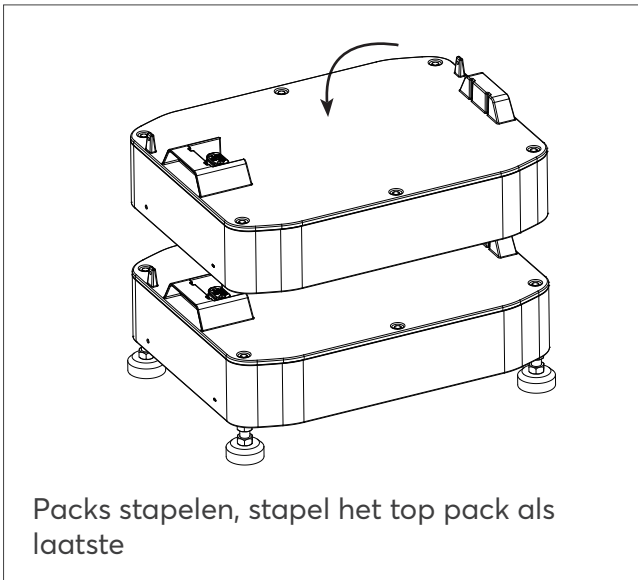
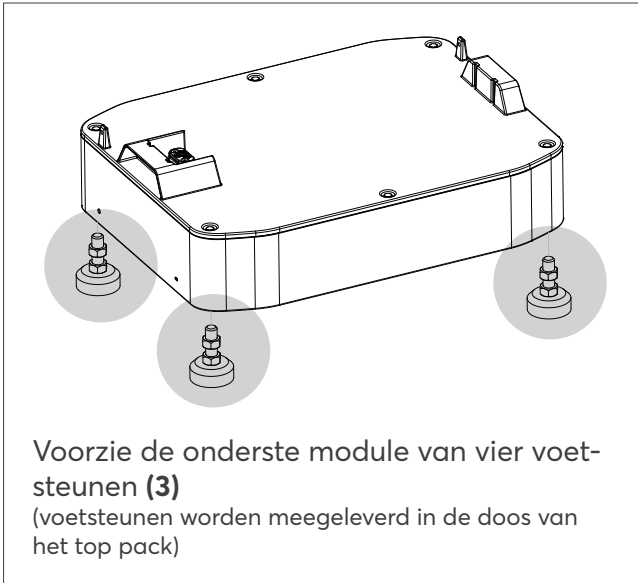
## AFMETINGEN BATTERY VISION [MM]



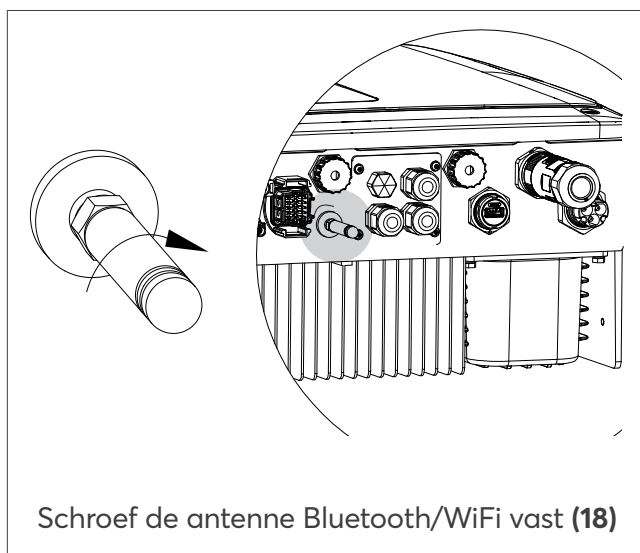
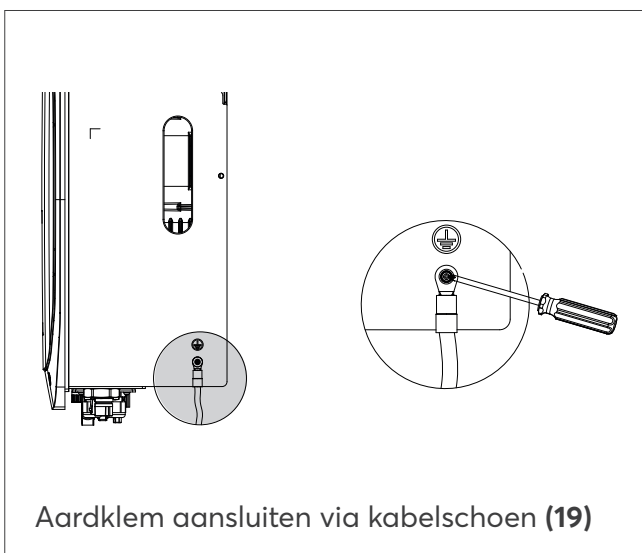
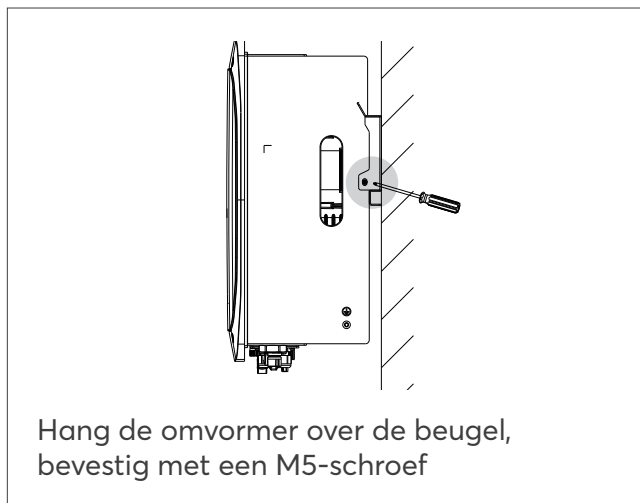
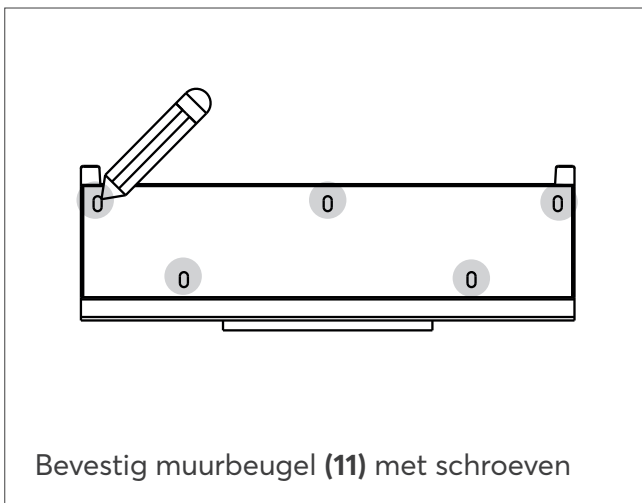
## AFMETINGEN INVERTER VISION ONE [MM]



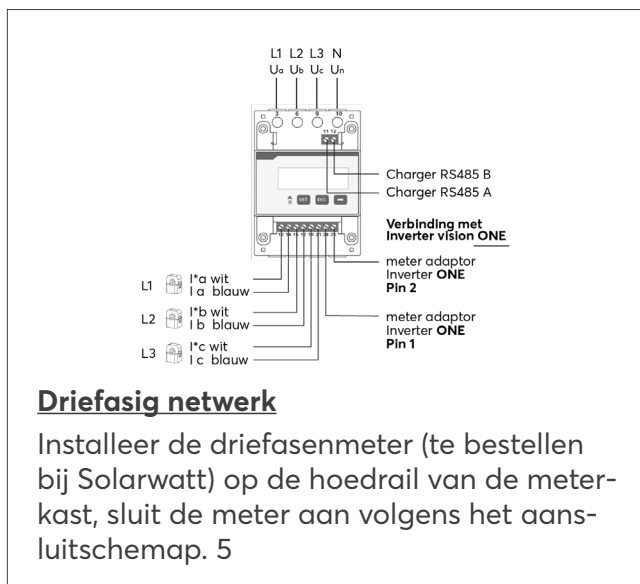
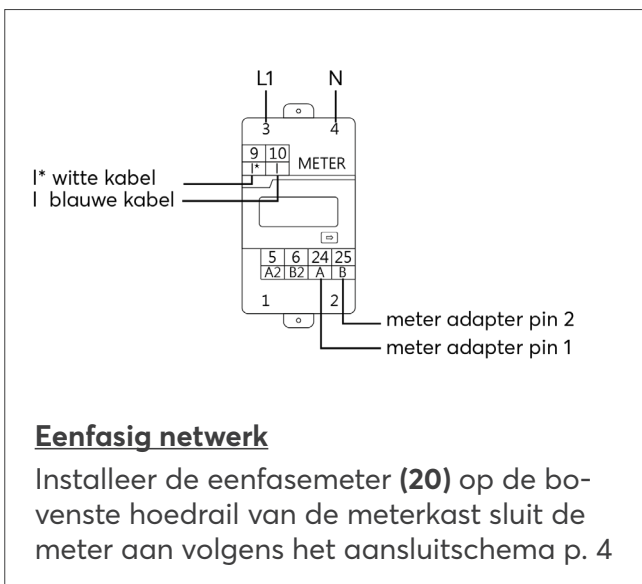
## BATTERY PACKS MONTAGE EN BEDRADING



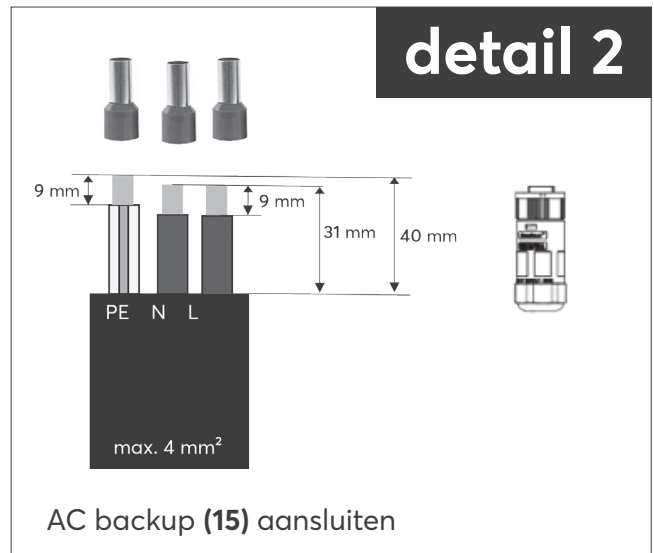
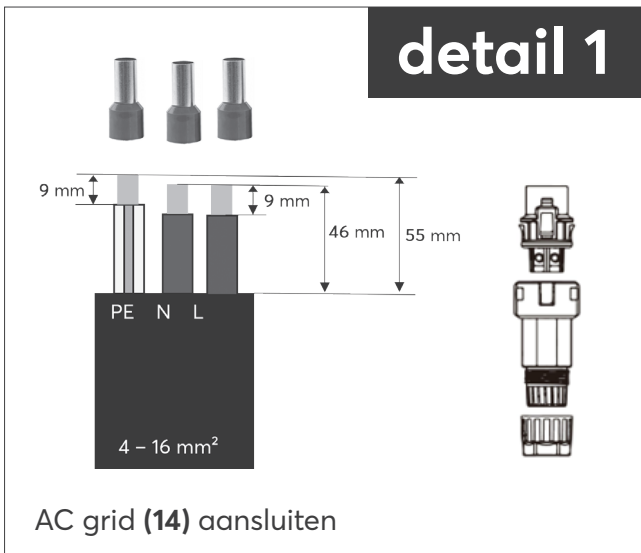
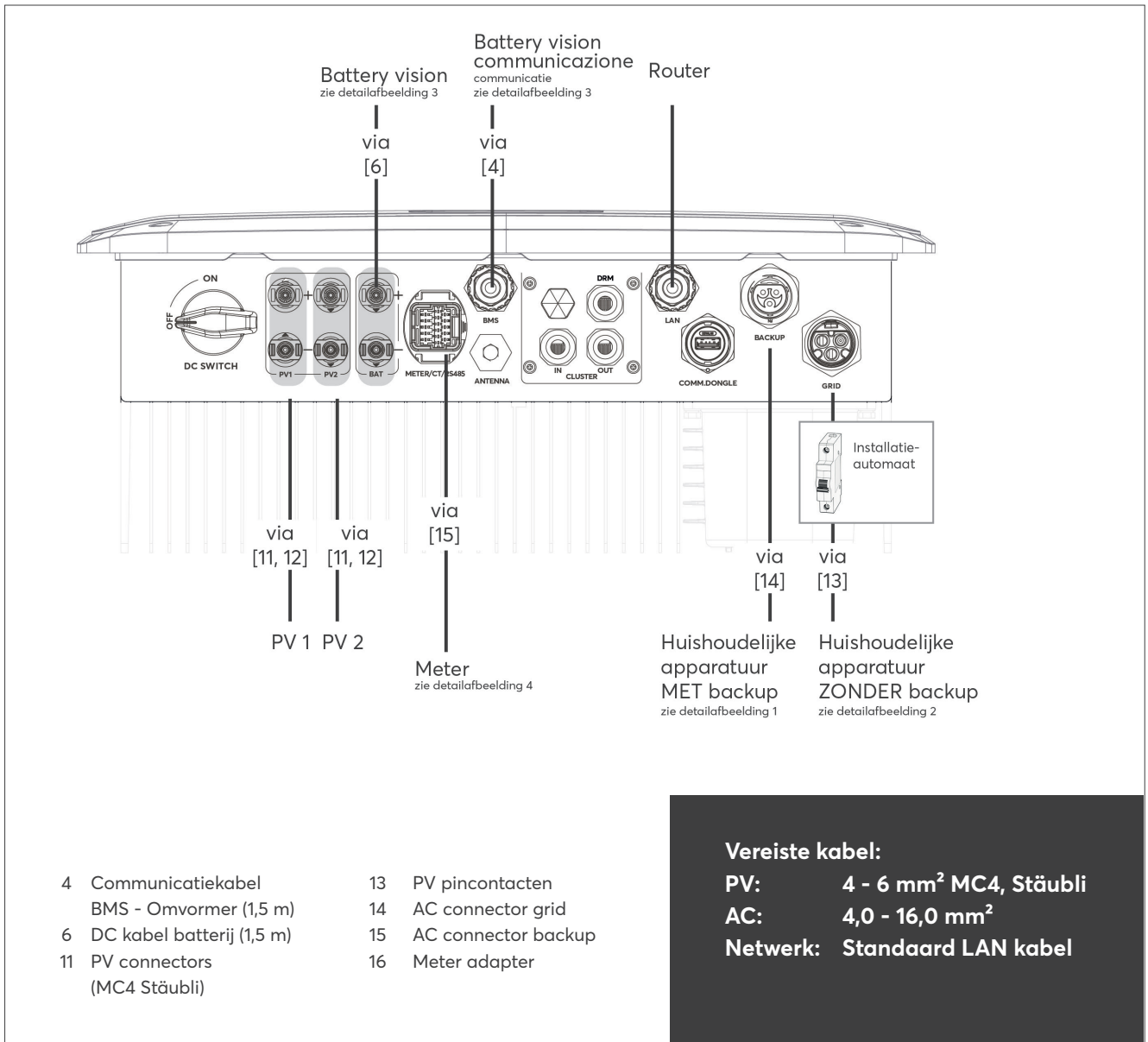
## INVERTER MONTEREN EN BEDRADEN



## METER MONTEREN EN BEDRADEN

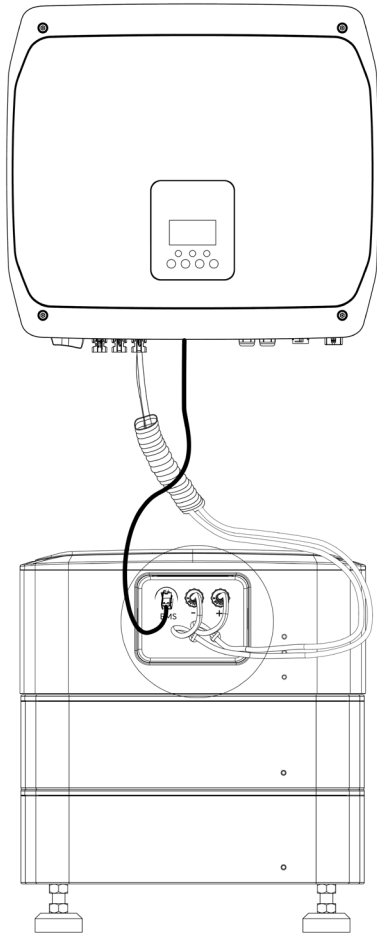


# BEDRADING INVERTER





## detail 1

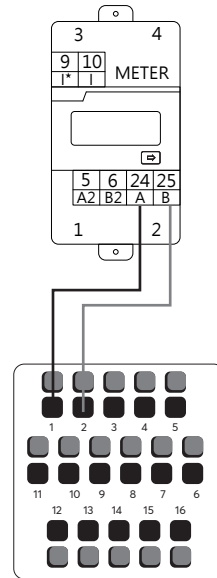


Batterij aansluiten (6, 4)

## detail 2a

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

(Zicht vanaf de kant van de verbindingen)

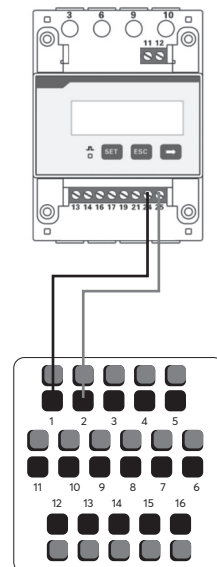


Verbind eenfasemeter (15)

## detail 2b

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

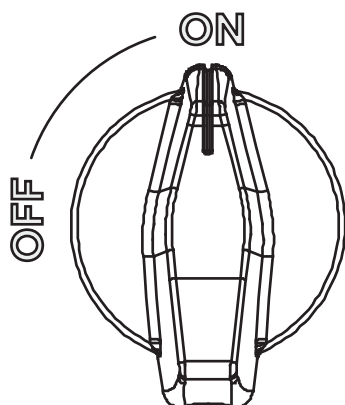
(Zicht vanaf de kant van de verbindingen)



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

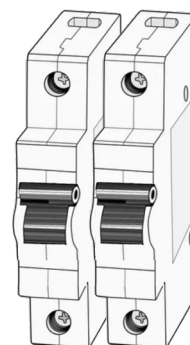
## SYSTEEM OPSTARTEN

1



Draai de DC-schakelaar van de omvormer naar ON

2



Inschakelen:

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

3

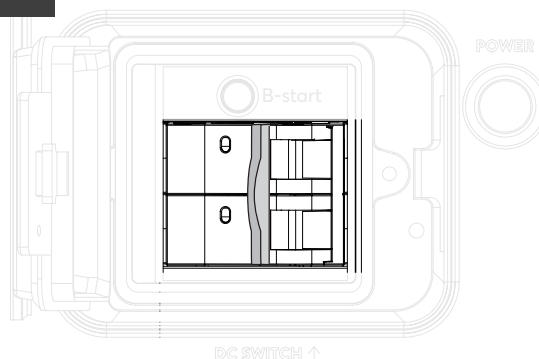


- gridcode instellen voor netveiligheid
- tijd instellen

Druk 3 sec. op de bevestigingsknop van de omvormer .

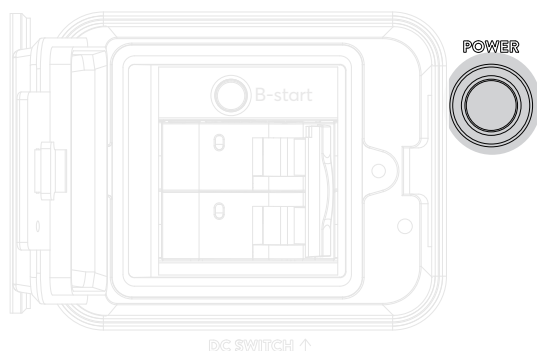
- selecteer START

4



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

5



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  $\varphi$  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

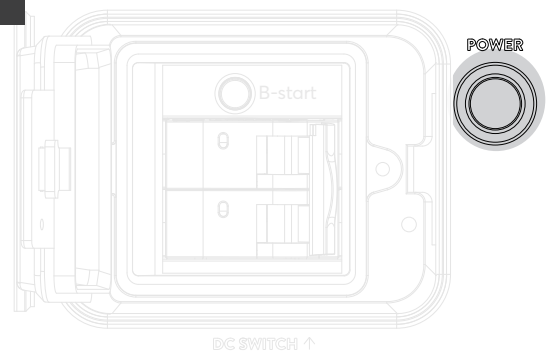
1



Druk 3 sec. op de bevestigingsknop van de omvormer  .

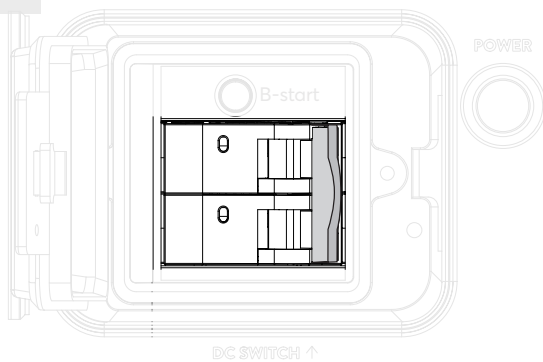
- STOP selecteren

2



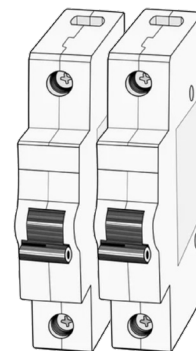
Druk op de POWER-knop van de accu (top pack)

3



Zet batterij DC schakelaar (top pack) op OFF

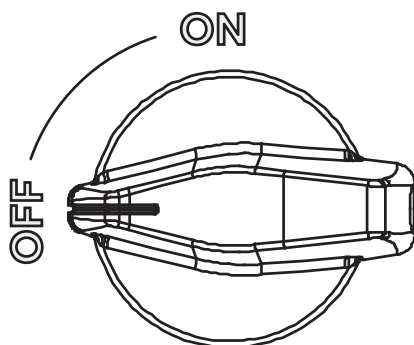
4



Uitschakelen

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

5



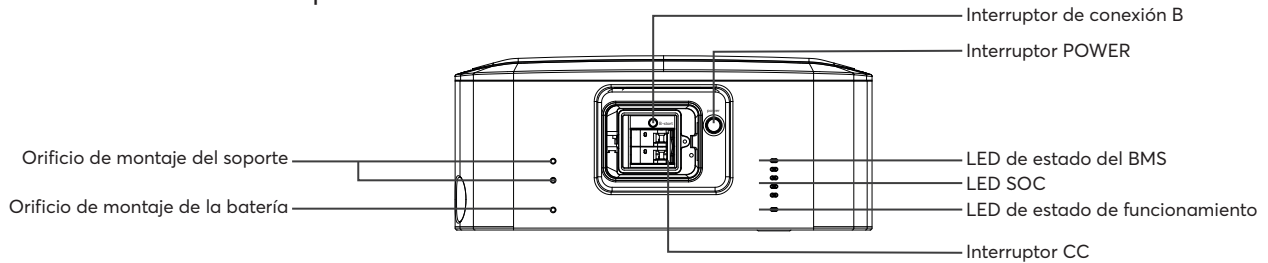
Draai de DC-schakelaar van de omvormer naar OFF



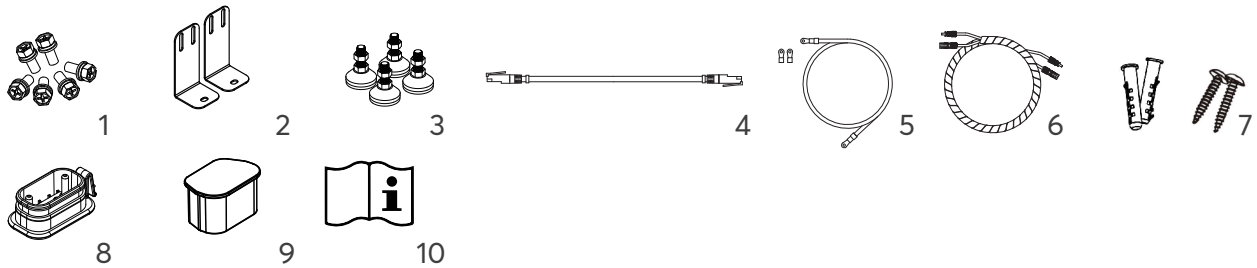
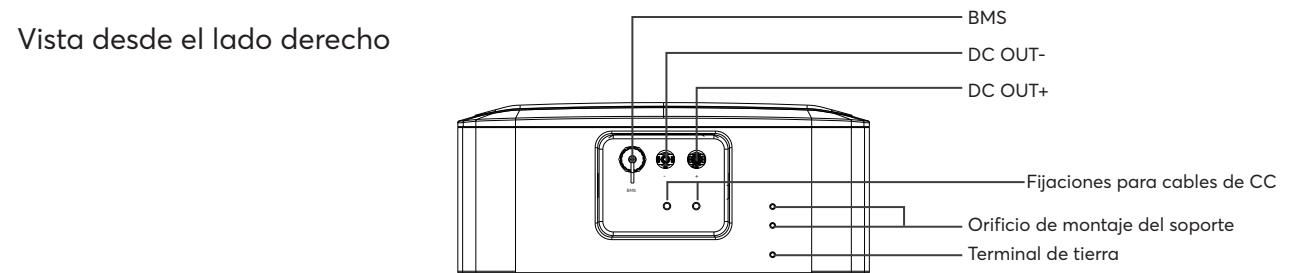
## VISTA DEL DISPOSITIVO Y LISTAS DE COMPONENTES

### 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)

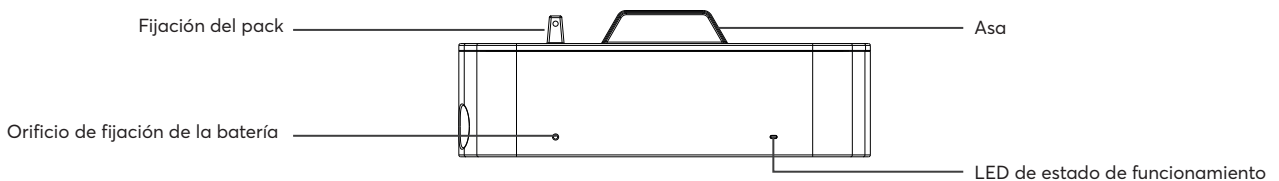
7 2 Tornillos para fijación en pared

8 Conector de puente

9 Cubierta de protección del conector

10 Instrucciones de seguridad

### Battery vision pack 1.0 (2.6 kWh)



21



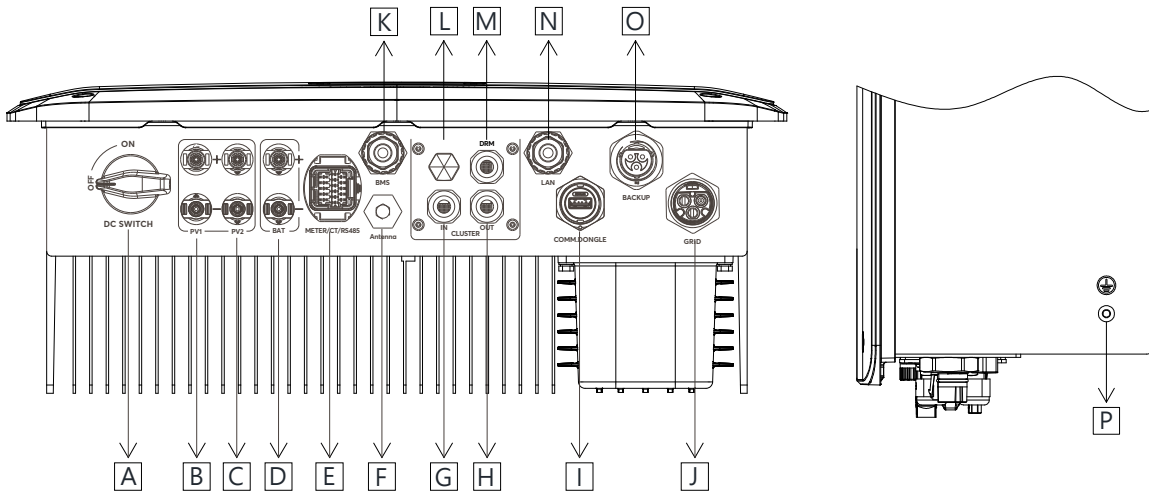
22

21 Tornillos (M5) para fijación de pack

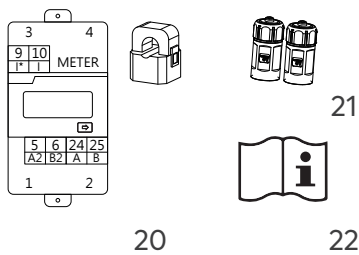
22 Instrucciones de seguridad

# VISTA DEL DISPOSITIVO Y LISTAS DE COMPONENTES

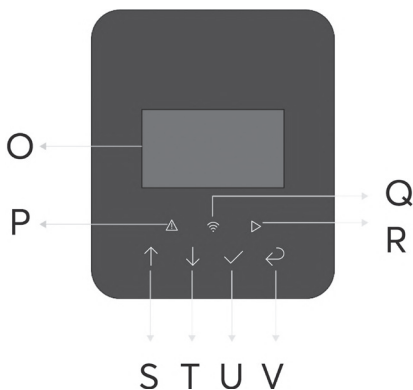
## Inverter vision one 1.0



- |                       |                           |                   |
|-----------------------|---------------------------|-------------------|
| A SECCIONADOR DC      | G CLUSTER IN              | M DRM             |
| B FV 1                | H CLUSTER OUT             | N LAN             |
| C FV 2                | I COMM. DONGLE            | O BACKUP          |
| D CONECTOR DE BATERÍA | J RED                     | P PUESTA A TIERRA |
| E METER / CT / RS485  | K BMS                     |                   |
| F BLUETOOTH/WIFI      | L VÁLVULA DE ESTANQUEIDAD |                   |



- |   |   |
|---|---|
| 11 Soporte de anclaje                           | 17 Tornillo para fijación a muro, espigas                           |
| 12 Cubierta conectores FV (MC4 Stäubli)         | 18 Antena   |
| 13 Pines conectores FV                          | 19 Terminal para cable de tierra                                    |
| 14 Conector AC (red) (blanco)                   | 20 Meter con CT clamp   |
| 15 Conector AC (backup) (rojo)                  | 21 2x conectores RJ45 para instalación en exteriores (impermeables) |
| 16 Adaptador de meter (empalmes de terminación) | 22 Instrucciones de seguridad Guía rápida de instalación            |

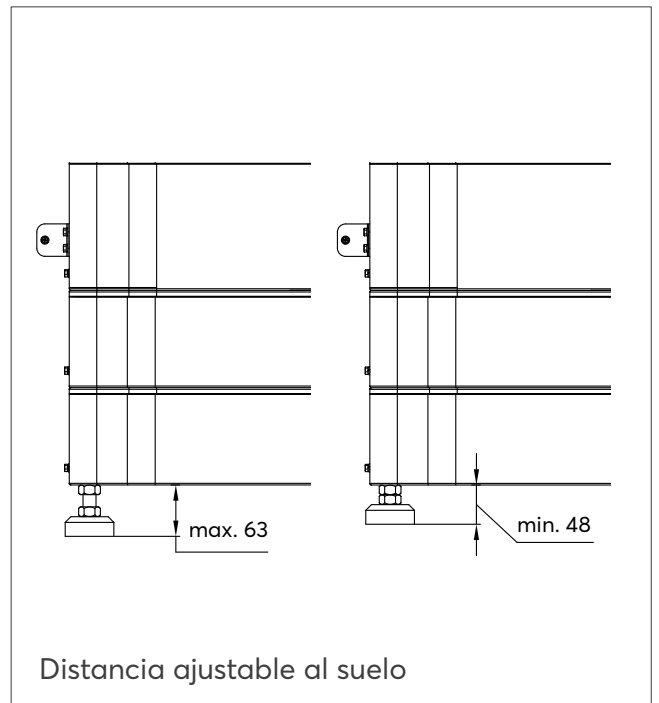
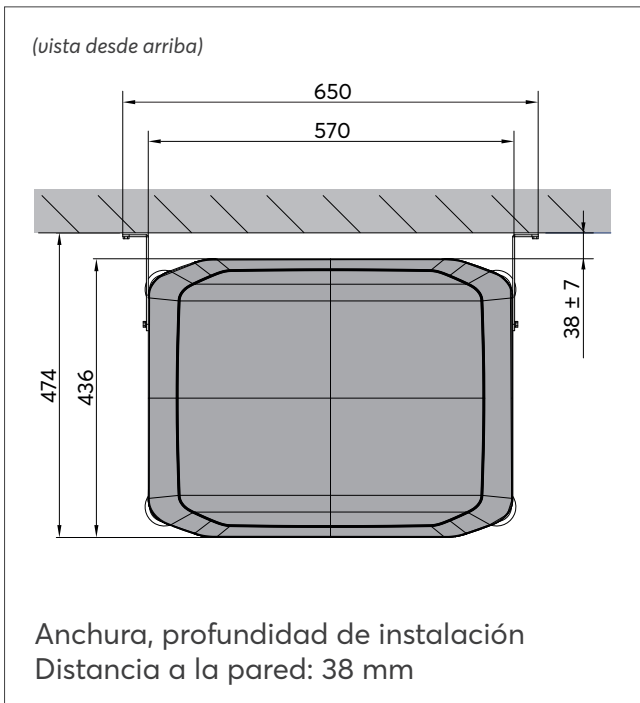
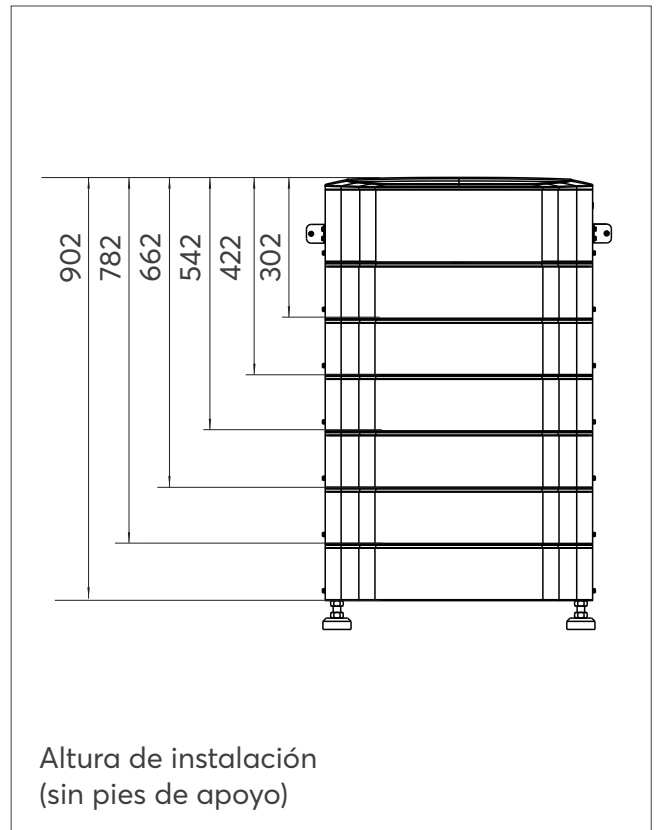
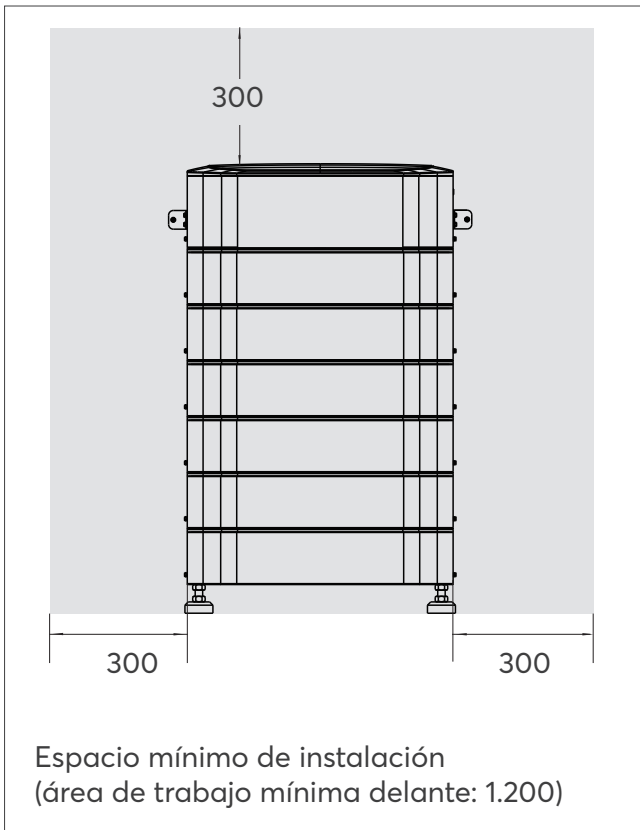


- |                            |
|----------------------------|
| O Display LC               |
| P rojo: fallo              |
| Q azul: estado de WLAN/LAN |
| R verde: en funcionamiento |
| S up: incrementar valor    |
| T down: decrementar valor  |
| U confirmar                |
| V retroceder/salida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

### Equipo adicional necesario:

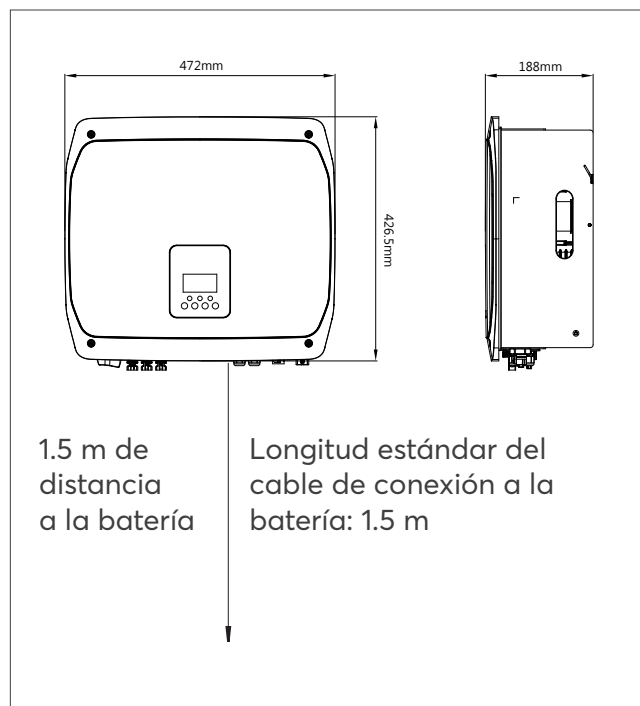
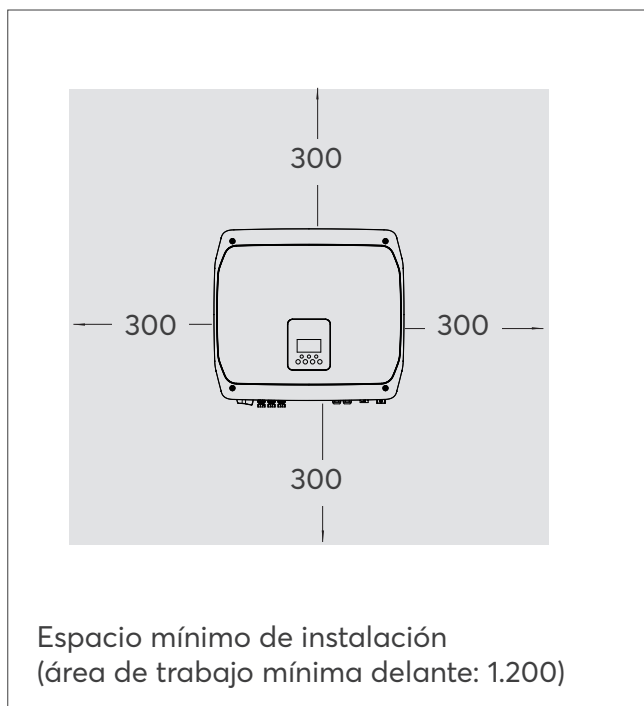
- cable de comunicación (cable RS485 de 2 hilos) para el meter
- Cable de CC y CA para el inversor
- Cable LAN para el inversor (opcional)
- Cable de tierra para el inversor
- disyuntor

## DIMENSIONES BATTERY VISION [MM]

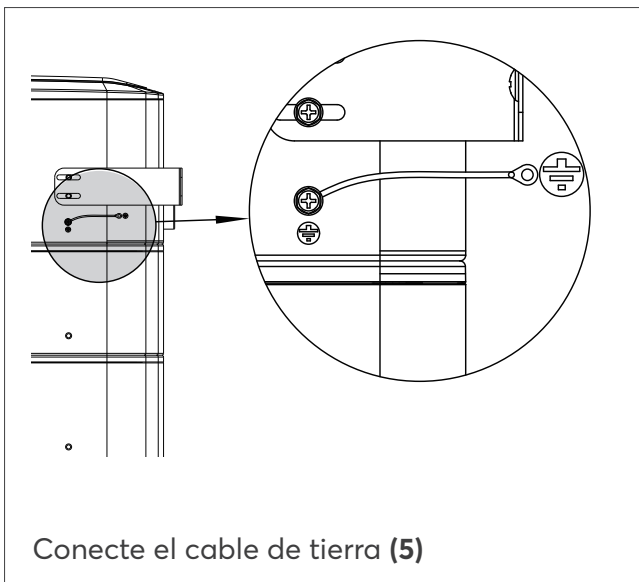
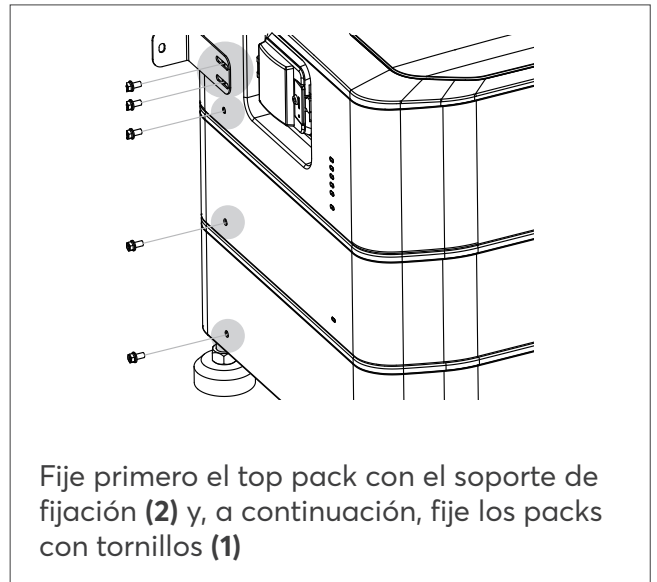
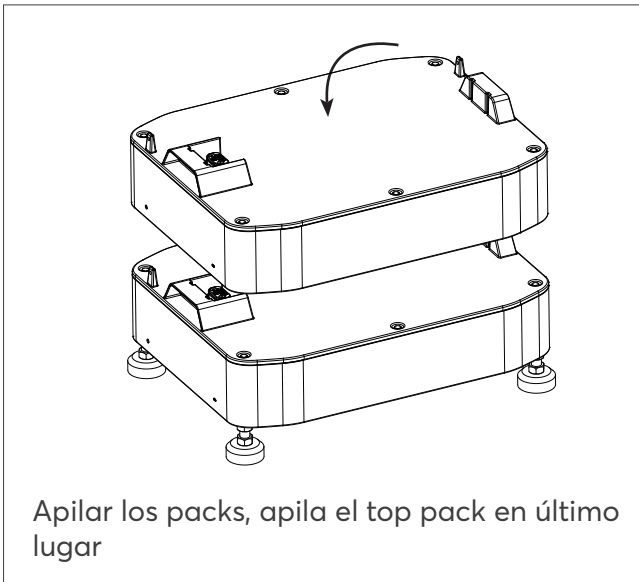
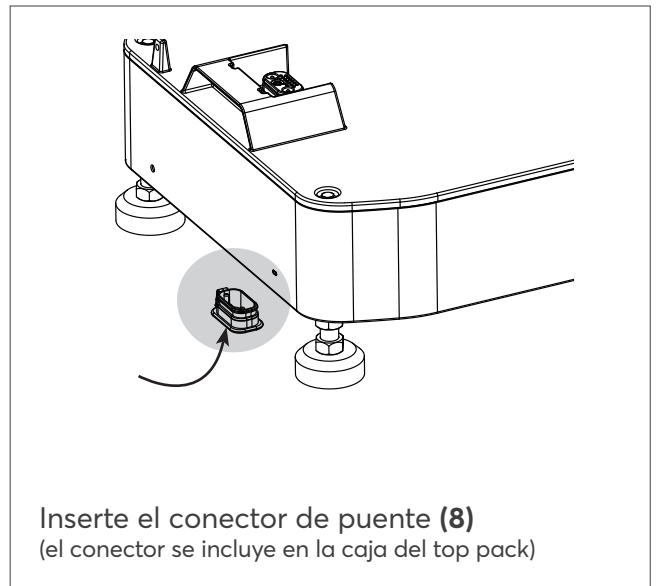
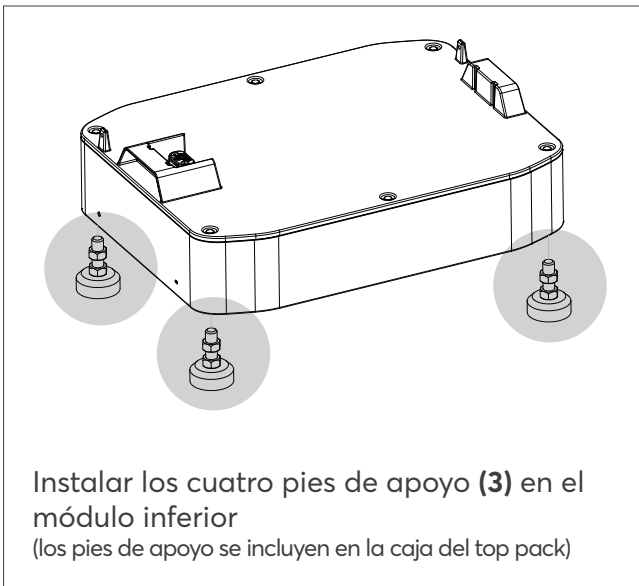




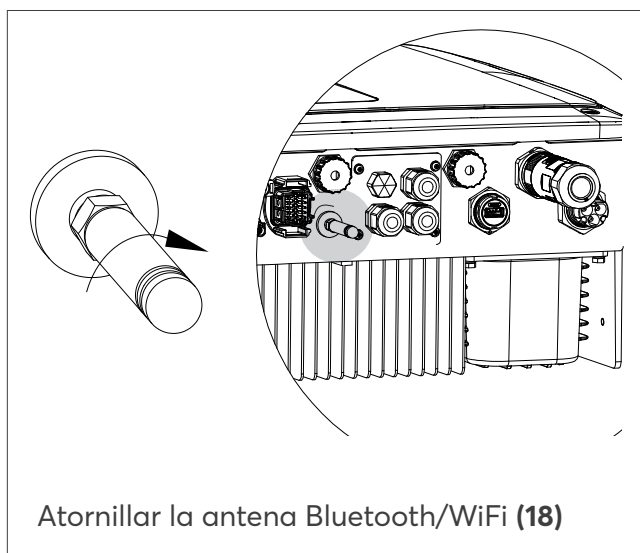
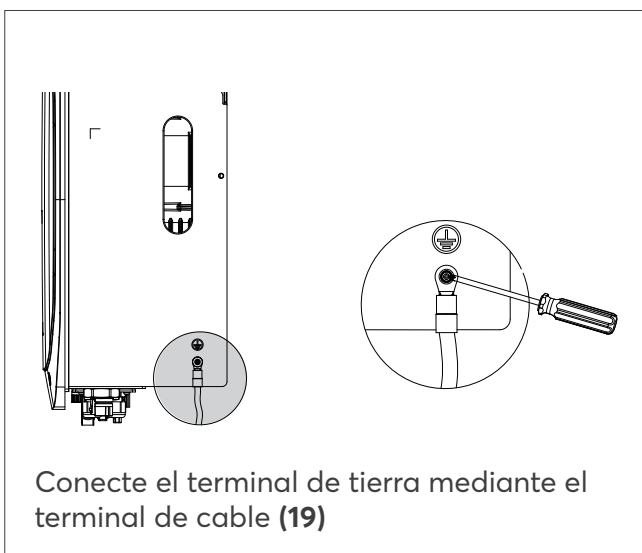
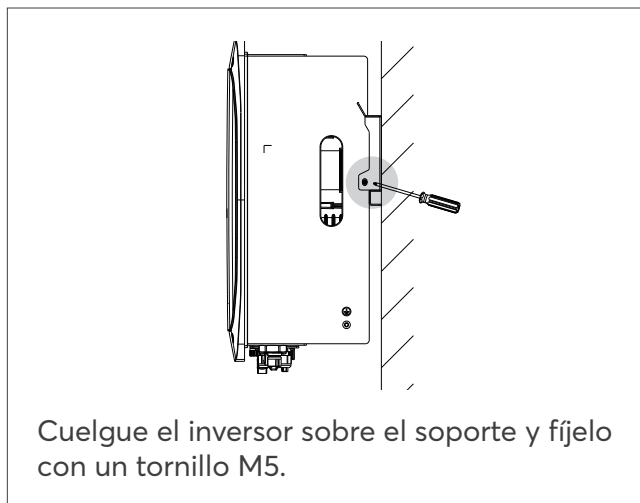
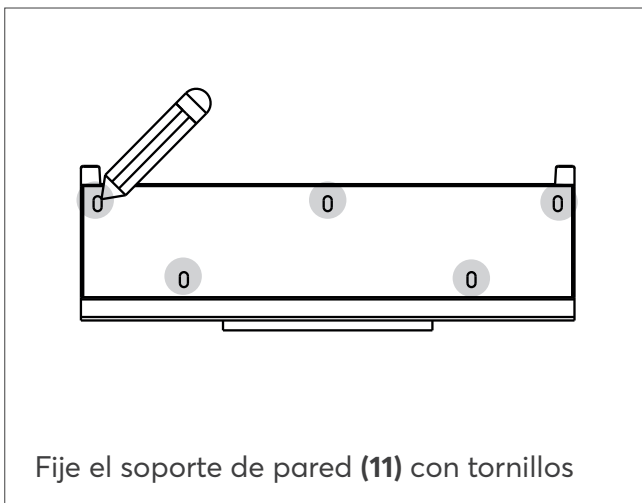
## DIMENSIONES INVERTER VISION ONE [MM]



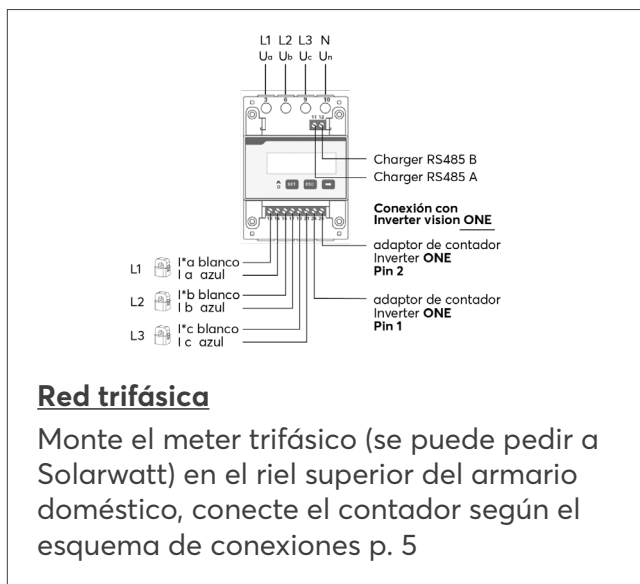
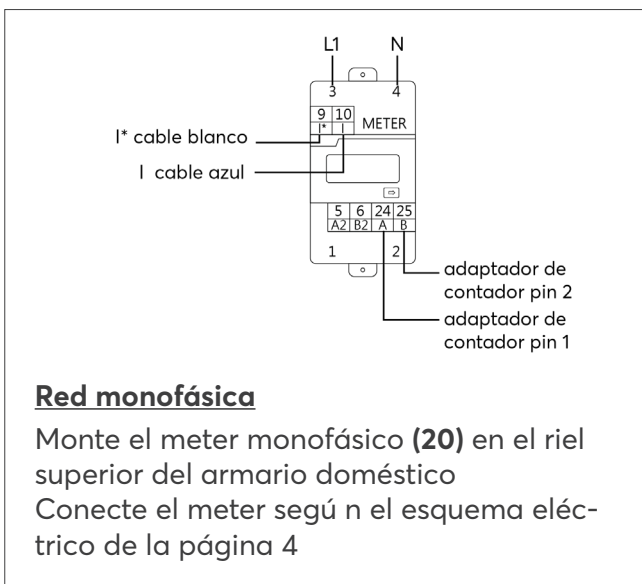
## MONTAJE Y CABLEADO DE BATTERY PACKS



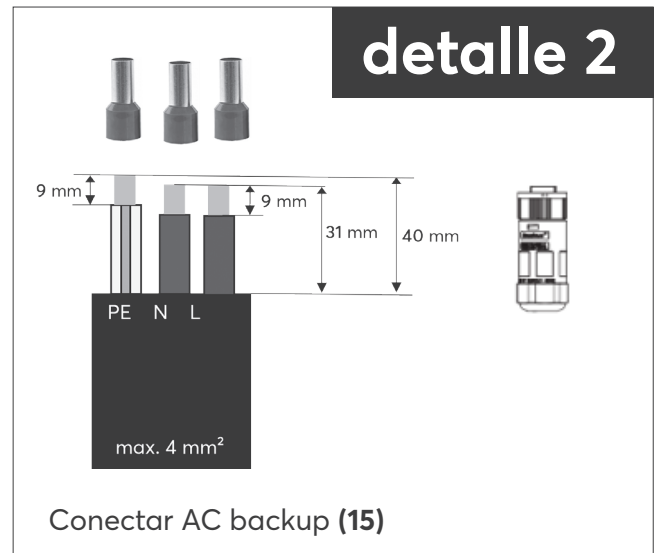
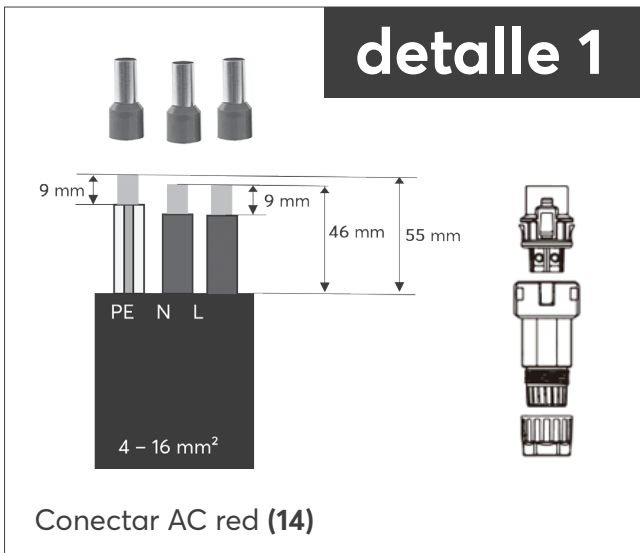
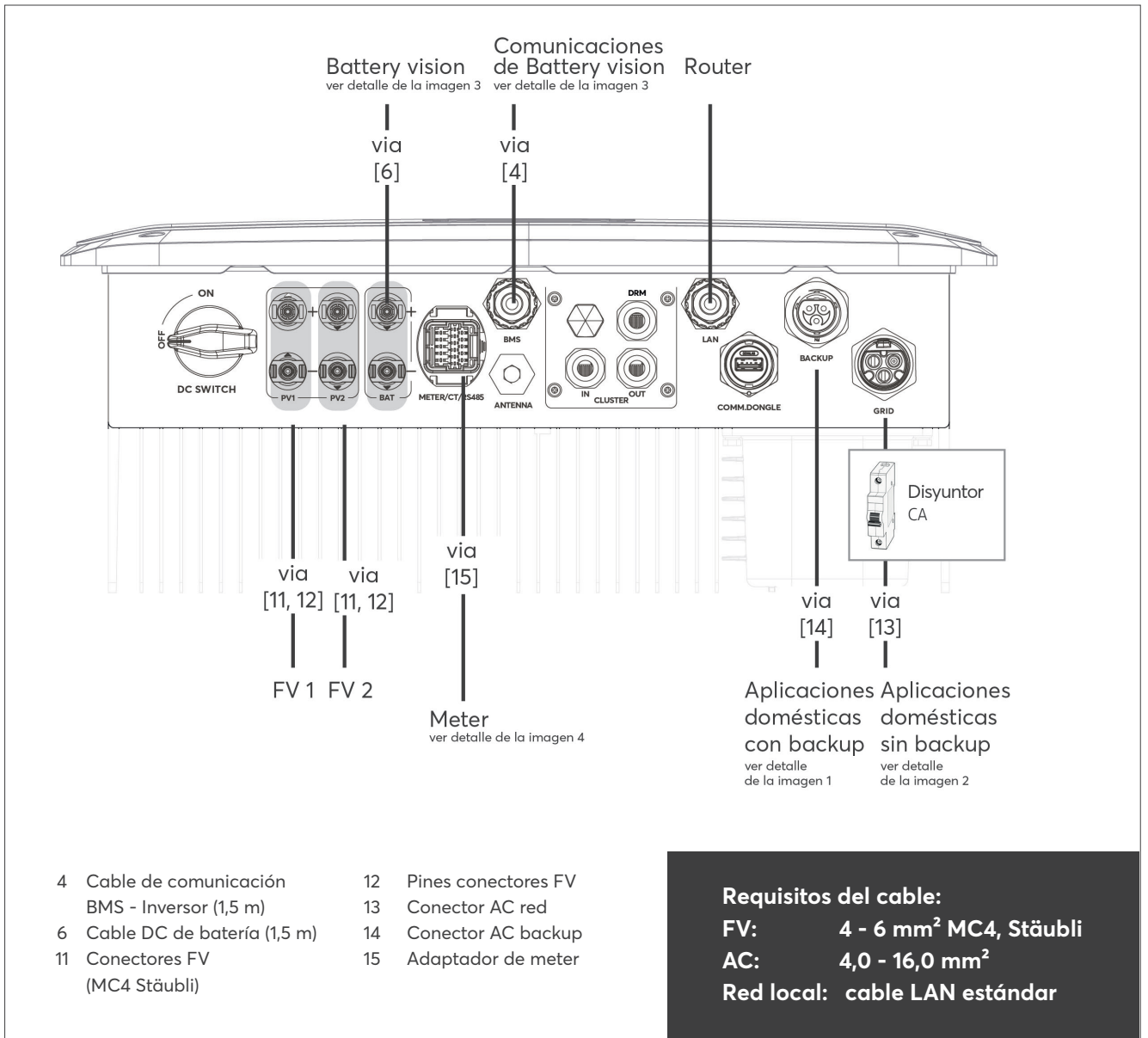
## MONTAJE Y CABLEADO DEL INVERSOR



## MONTAJE Y CABLEADO DEL METER

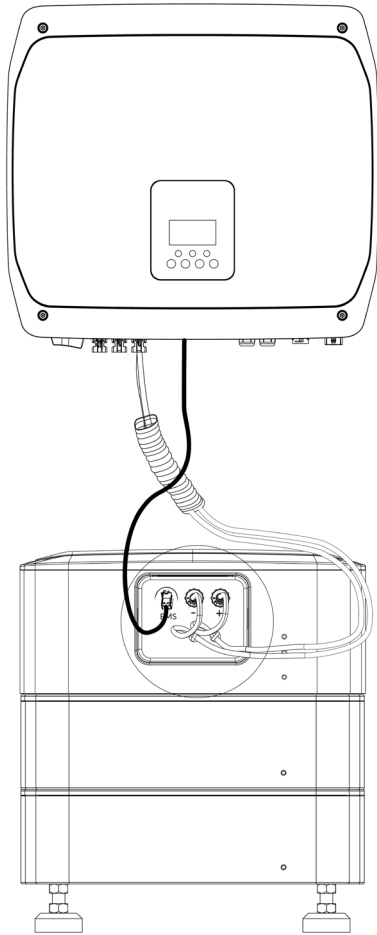


# CONEXIONES DEL INVERSOR



## MONTAJE Y CABLEADO DEL INVERSOR

### detalle 1

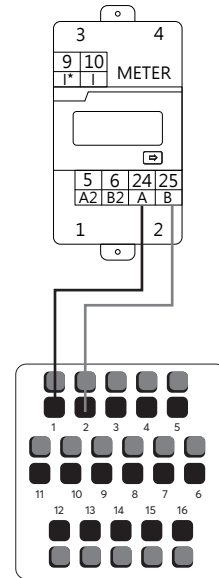


Conectar batería (6, 4)

### detalle 2a

PIN meter	24	25
PIN adaptador	1	2

(Vista desde el lado de las conexiones)

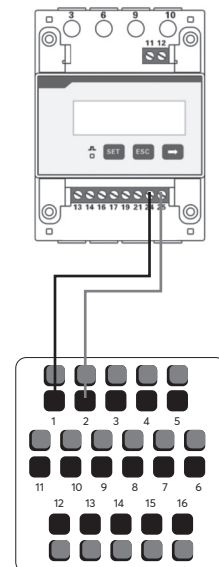


Conectar el meter monofásico (15)

### detalle 2b

PIN meter	24	25
PIN adaptador	1	2

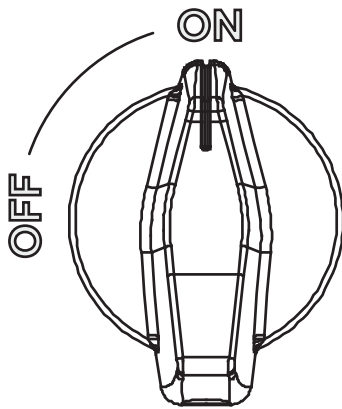
(Vista desde el lado de las conexiones)



**Alternativamente en redes trifásicas:**  
Conectar el meter trifásico (se puede pedir a Solarwatt)

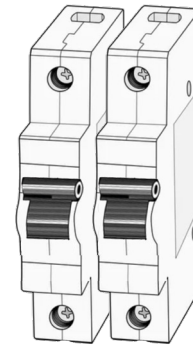
## PUESTA EN MARCHA DEL SISTEMA

1



Conecte el seccionador CC del inversor (ON)

2



Conecte:

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

3

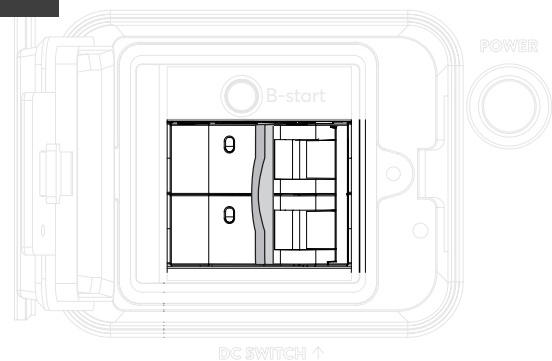


- establecer el código de red para la seguridad de la red
- ajuste hora

Pulse el botón de confirmación del inversor  durante 3 seg.

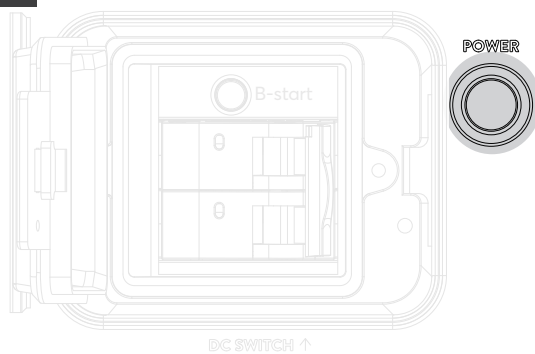
- seleccione START

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  $\cos \varphi$

#### 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

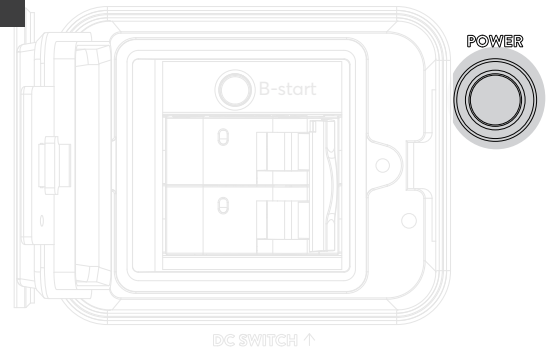
1



Pulse el botón de CONFIRMACIÓN del inversor  durante 3 seg.

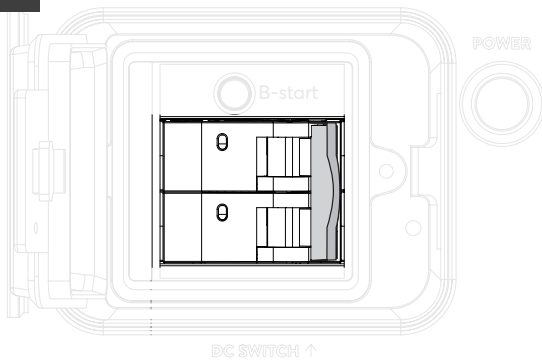
- seleccione STOP

2



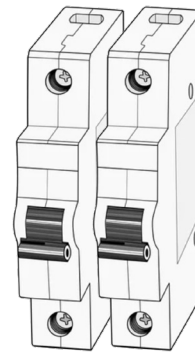
Pulse el botón POWER de la batería (top pack)

3



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

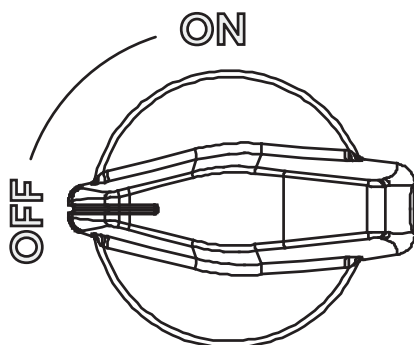
4



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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**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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solarwatt.it

**Hebt u vragen?  
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info.benelux@solarwatt.com  
solarwatt.nl/solarwatt.be

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

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solarwatt.es



Disposal as dangerous good via your installer



Disposal as electronic waste



Elimination 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

