

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:



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.



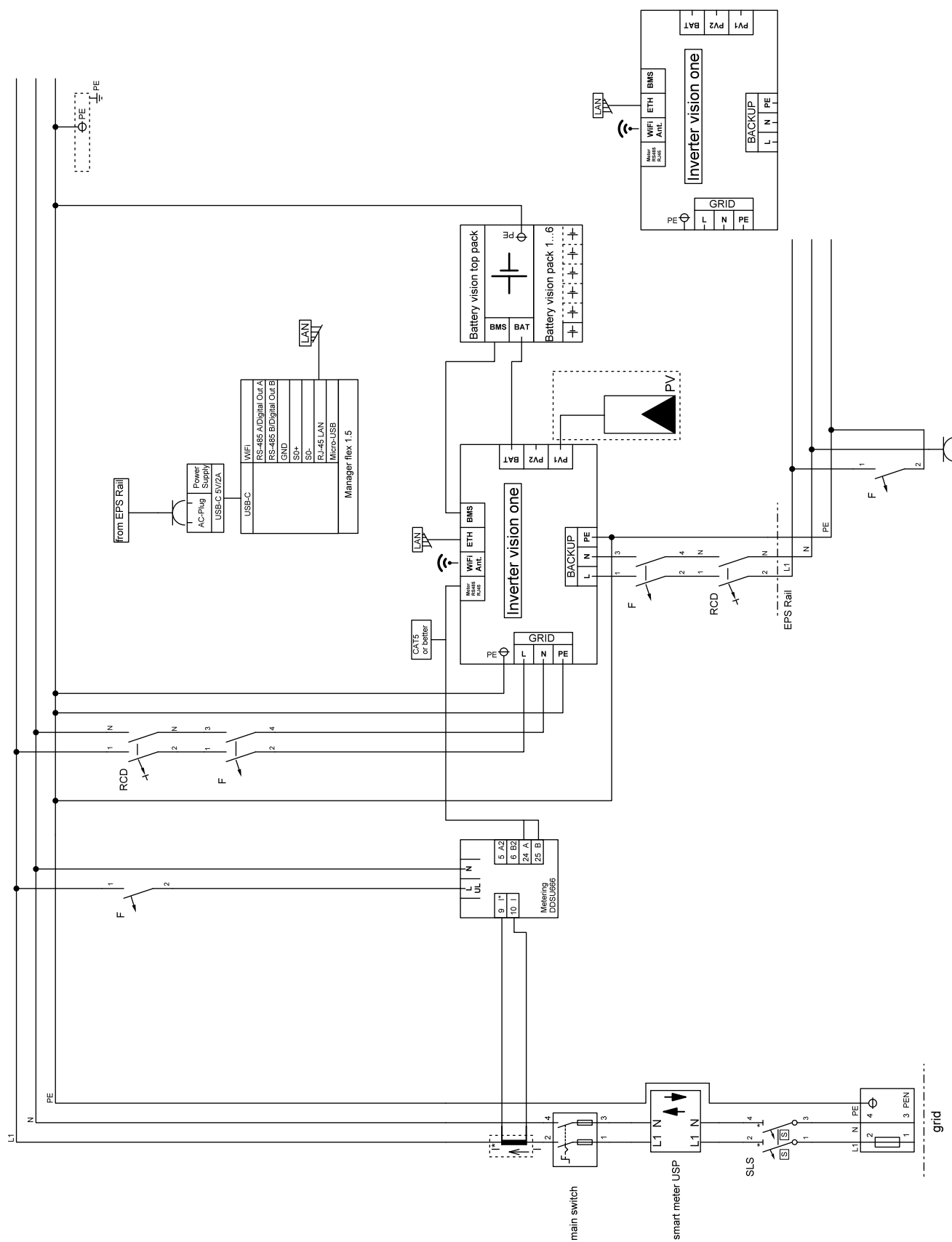
Scan de QR-code hieronder voor gedetailleerde installatie en gebruiksinstructies.



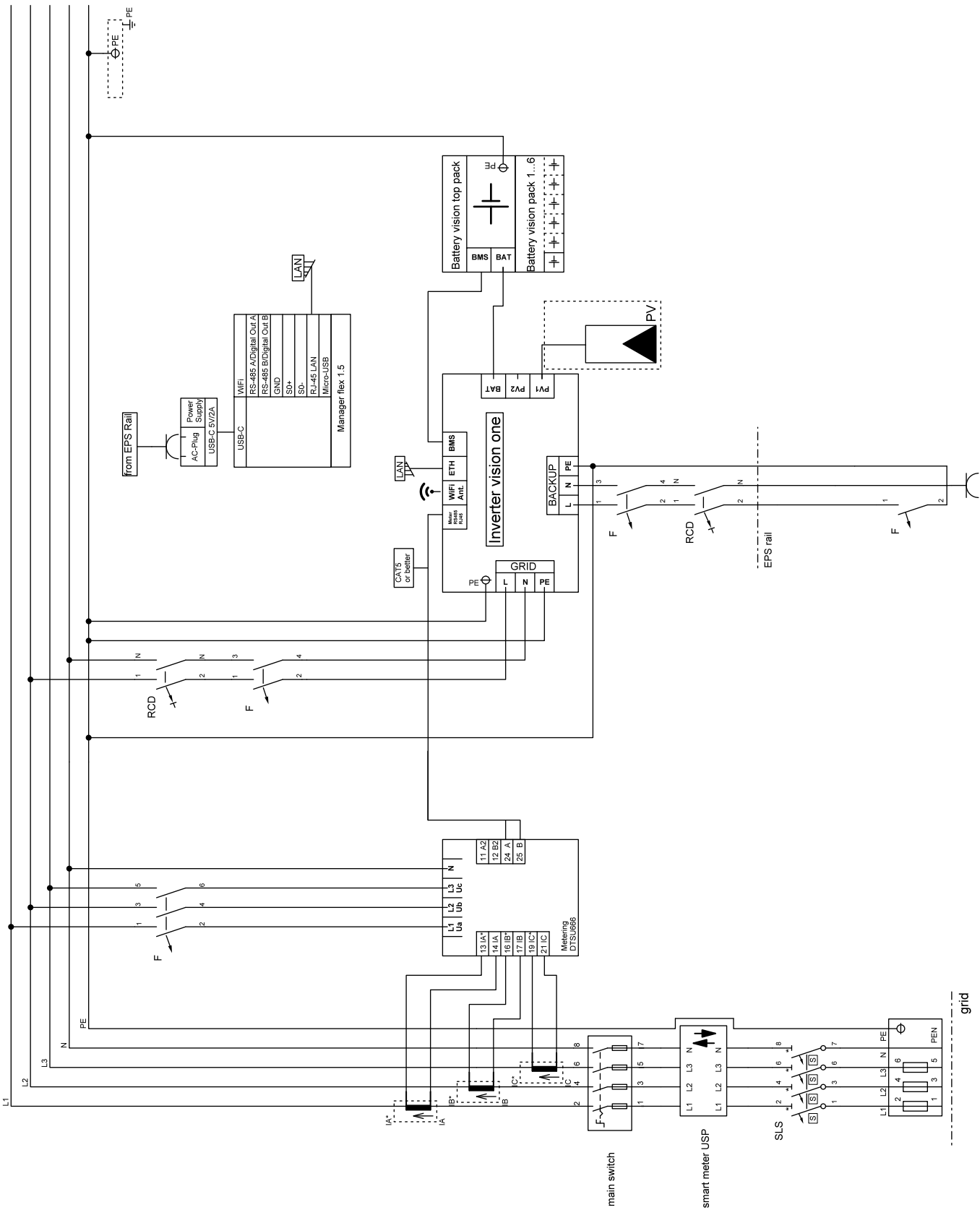
Para obtener instrucciones detalladas de instalación y funcionamiento, escanee el siguiente código QR.



SYSTEM DESIGN IN A SINGLE-PHASE NETWORK

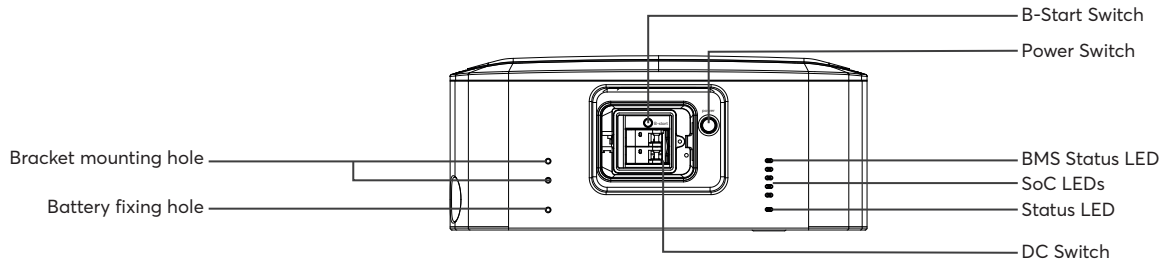


SYSTEM DESIGN IN A THREE-PHASE NETWORK

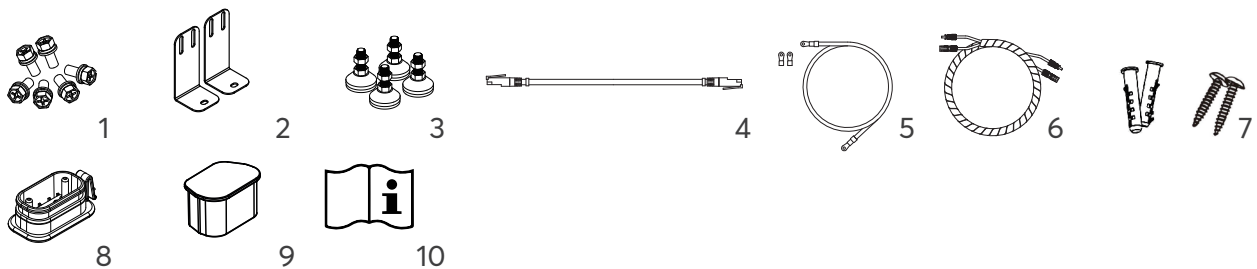
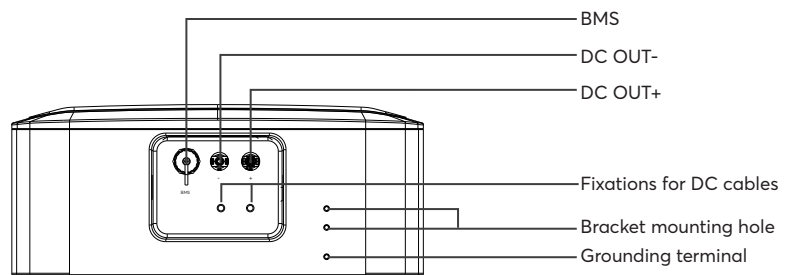


Battery vision top pack 1.0 (2.6 kWh)

View from the left side



View from the right side

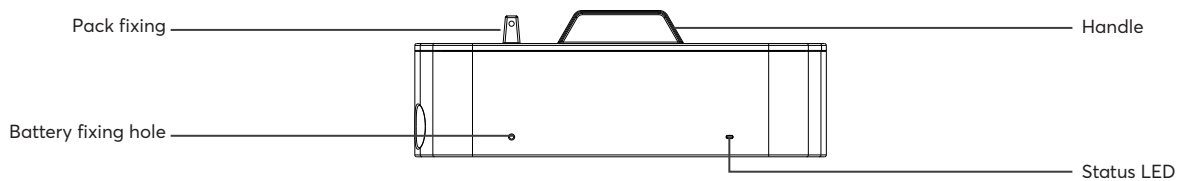


- 1 Screws (M5) for pack fixing and bracket-fixing
- 2 Fixing bracket
- 3 Footstand
- 4 Communication cable BMS - Inverter (1,5 m)

- 5 Grounding cable with additional cable lugs
- 6 DC cable battery (1,5 m)
- 7 Screws for wall-fixing
- 8 Bridging plug

- 9 Connector protection cover
- 10 Quickstart Guide Safety Instructions

Battery vision pack 1.0 (2.6 kWh)



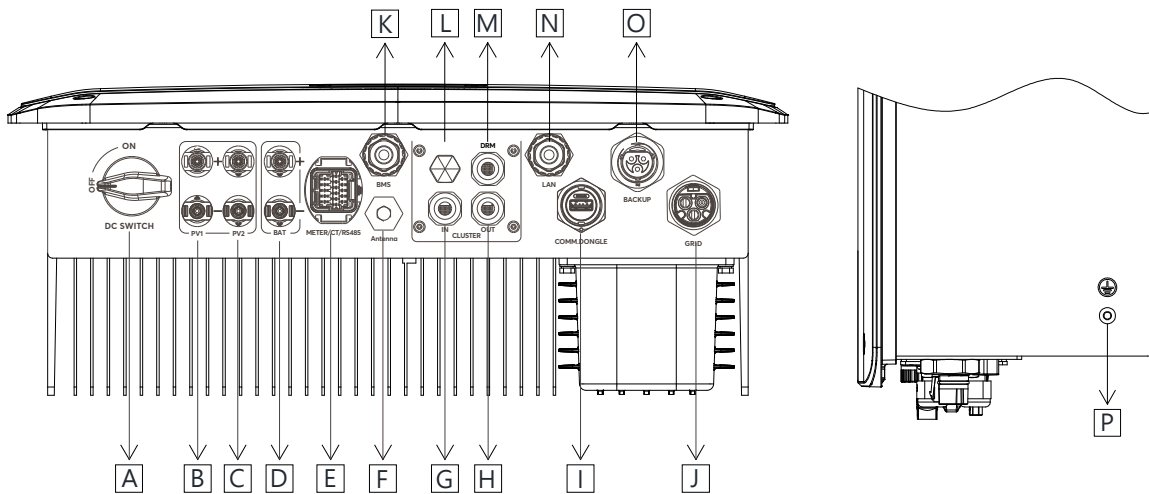
23



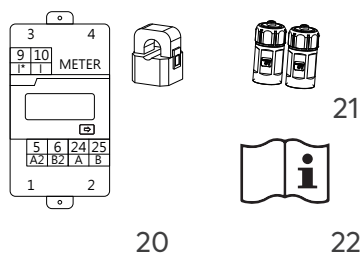
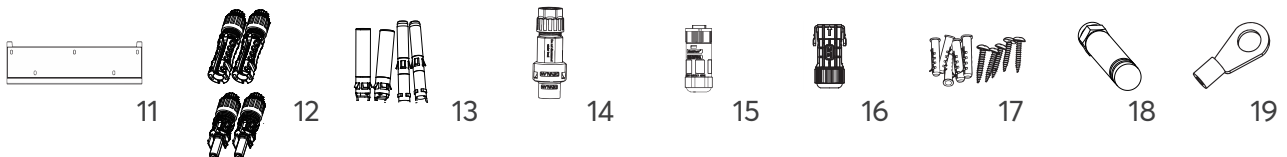
24

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

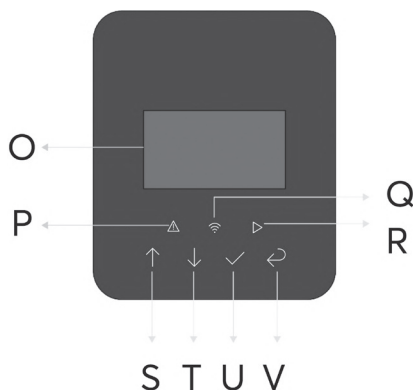
Inverter vision one 1.0



- | | | |
|----------------------|-------------------------|-------------|
| 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 Fixing bracket | 17 Screws for wall mounting
2x M5, 5x M6, 5 dowels |
| 12 PV connectors (MC4 Stäubli) | 18 Antenna |
| 13 PV pin contacts | 19 Cable lug for grounding cable |
| 14 AC connector grid (white ring) | 20 Meter with CT clamp |
| 15 AC connector backup (red ring) | 21 2x RJ45 plugs for outdoor
installation (waterproof) |
| 16 Meter adapter
with end splices | 22 Safety Instructions |

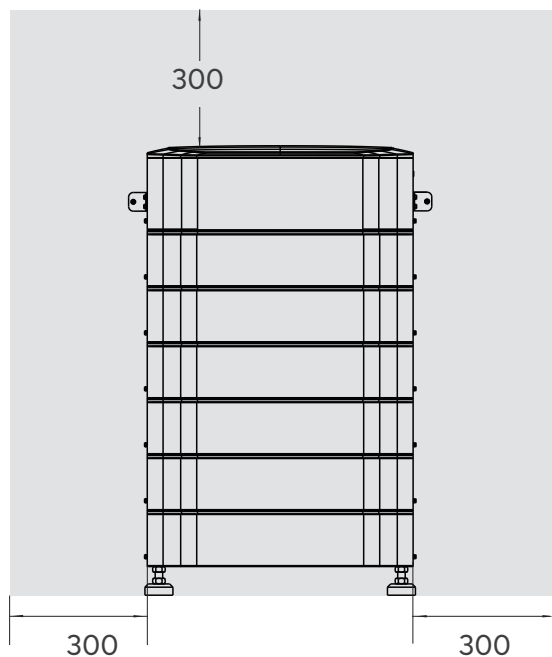


- | |
|-----------------------------|
| O LC display |
| P red: fault |
| Q blue: WiFi/LAN status |
| R green: operational state |
| S move up; increase value |
| T move down; decrease value |
| U confirm |
| V return/exit |

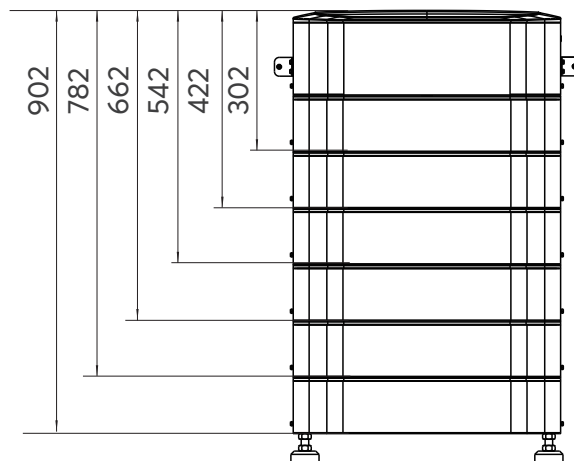
Additional equipment required:

- 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]

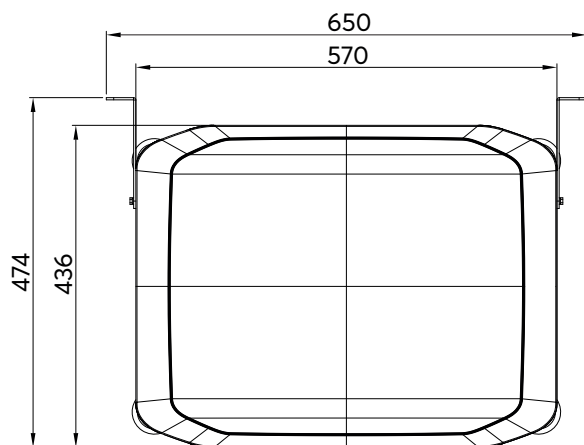


Minimum installation space
(min. working area in front: 1,200)

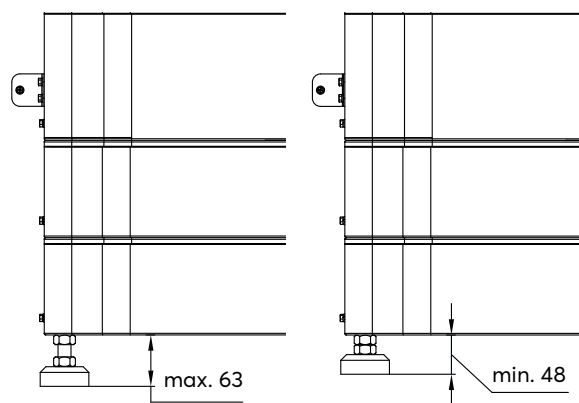


Installation height (without footstands)

(view from above)

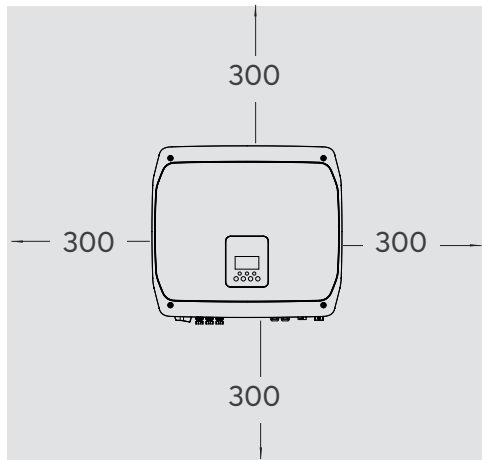


Installation width, depth
distance to the wall: 38 mm

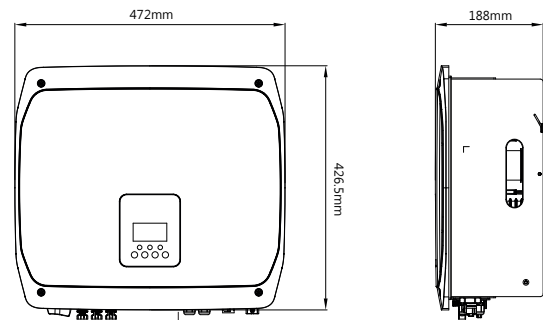


Flexible distance to the floor

DIMENSIONS INVERTER VISION ONE [MM]



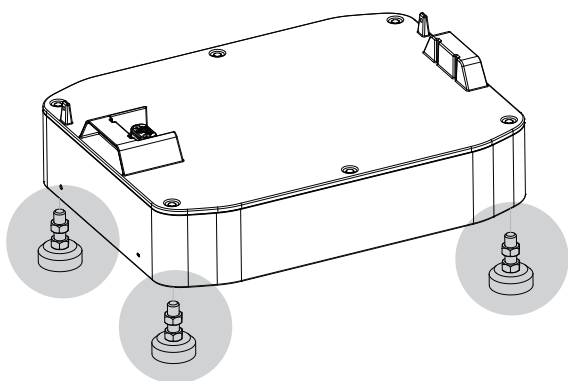
Minimum installation space
(min. working area in front: 1,200)



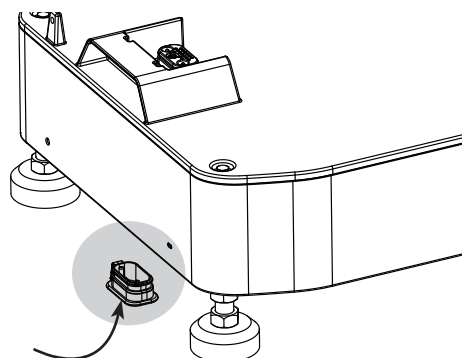
1,5 m
distance
to battery

Battery connection
standard cable length:
1,5 m

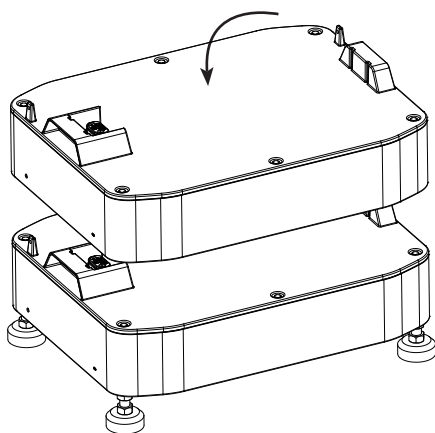
BATTERY PACKS ASSEMBLY AND WIRING



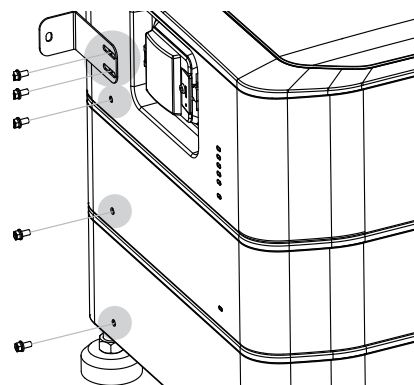
Provide bottom module with four foot-stands **(3)**
(footstands are provided in the box of the top pack)



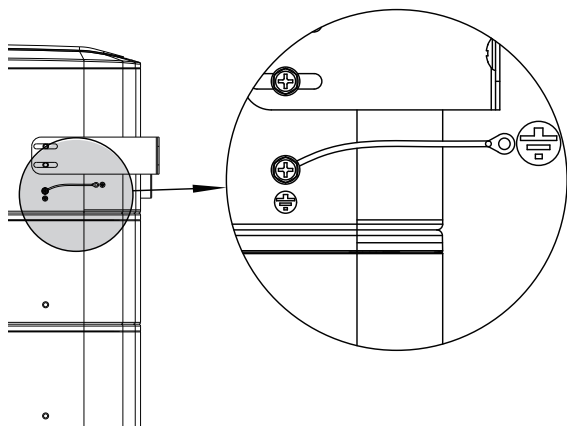
Insert waterproof cover **(8)**
(cover is provided in the box of the top pack)



Stack packs, stack top pack last

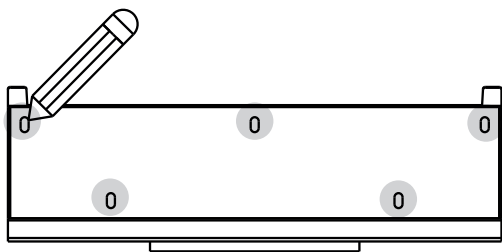


Fix top pack first with fixing bracket **(2)**
then fix packs with screws **(1)**

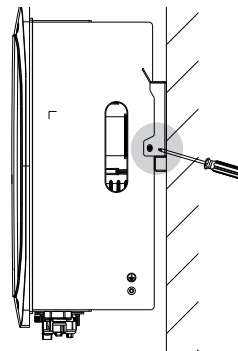


Connect grounding cable **(5)**

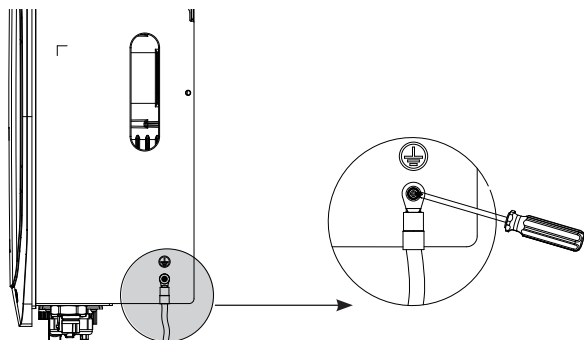
INVERTER ASSEMBLY AND WIRING



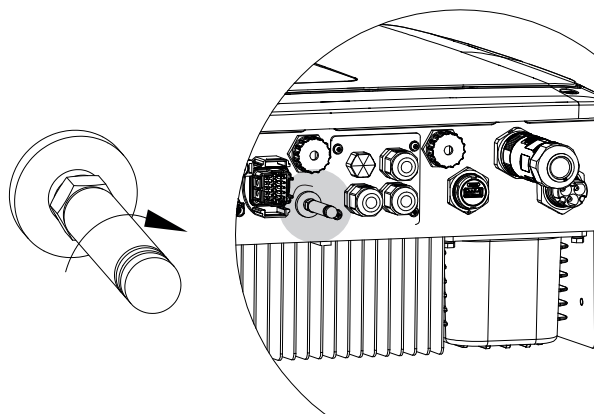
Fix wall bracket (11) with screws



Hang inverter over bracket, fix with one M5-screw

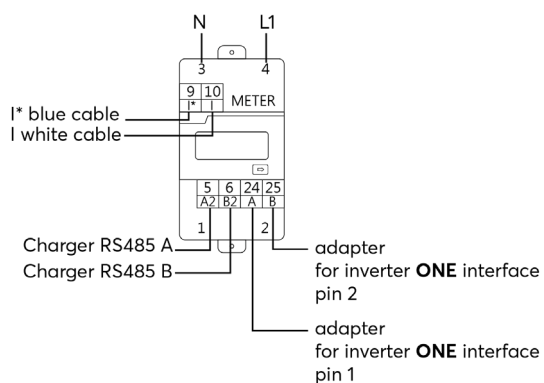


Connect ground terminal via cable lug (19)

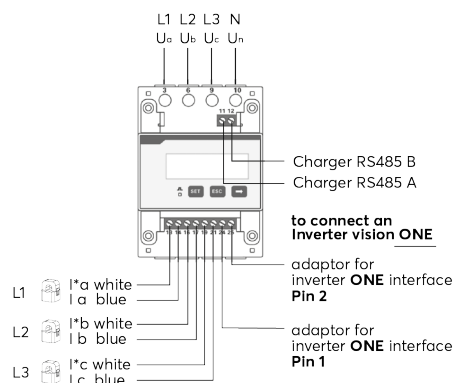


Screw in the antenna (18)

METER INSTALLATION AND WIRING

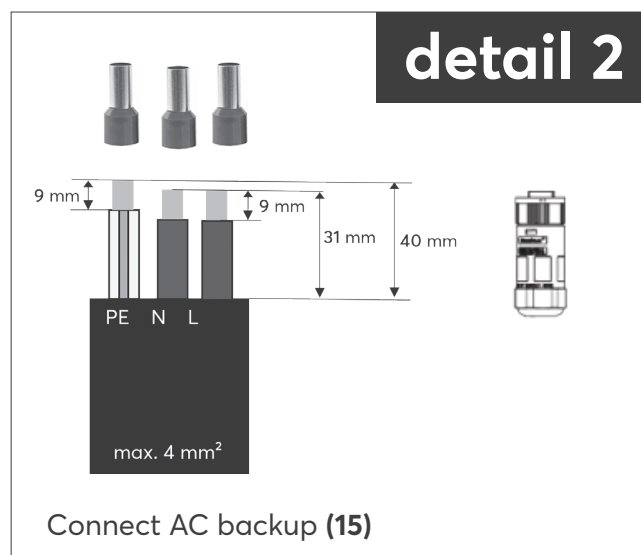
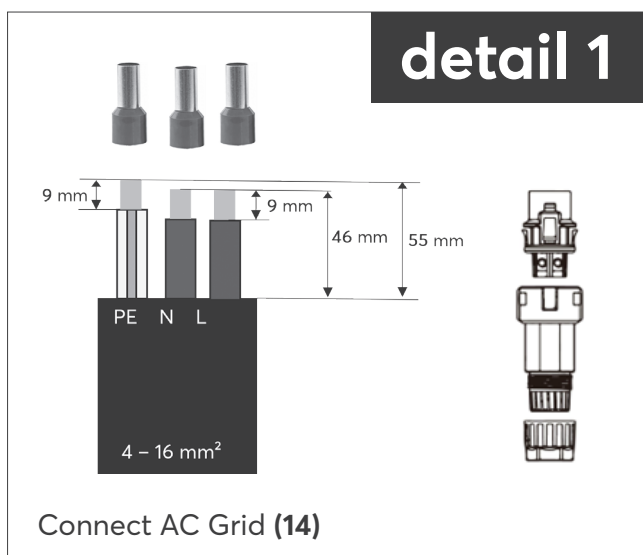
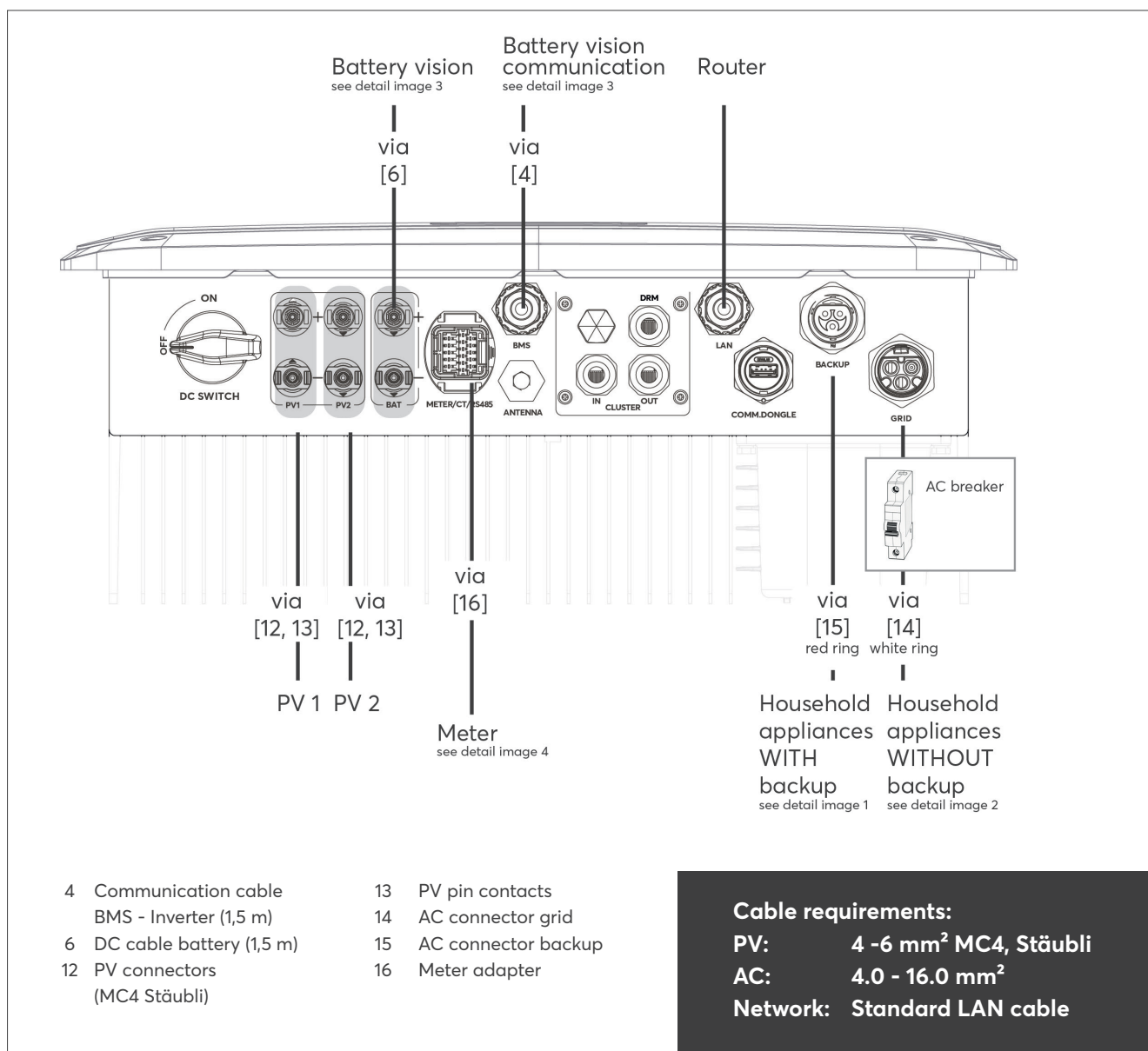


Install the one-phase meter (20) on the household cabinets's top hat rail
connect meter acc. to wiring diagram p. 4

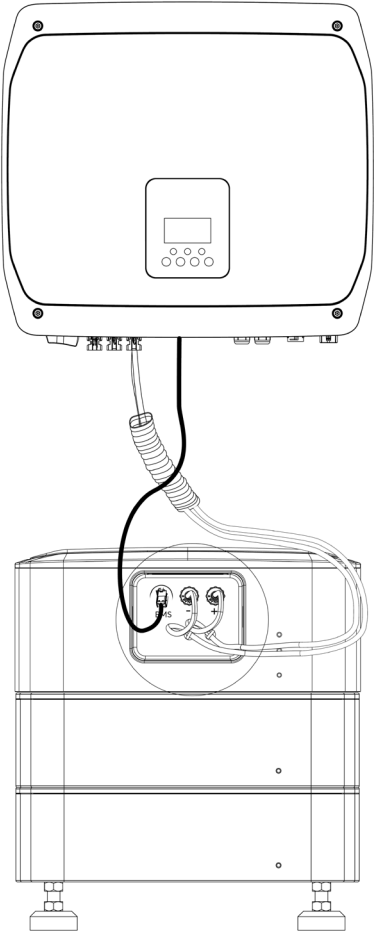


Alternatively: Install the three-phase meter (can be ordered from Solarwatt) on the household cabinets's top hat rail
connect meter acc. to wiring diagram p. 5

INVERTER WIRING



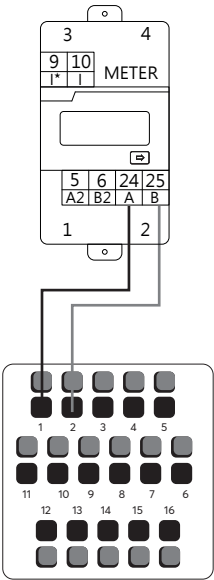
detail 3



Connect Battery (6, 4)

detail 4a

PIN meter	B/25	A/24
PIN adapter	2	1

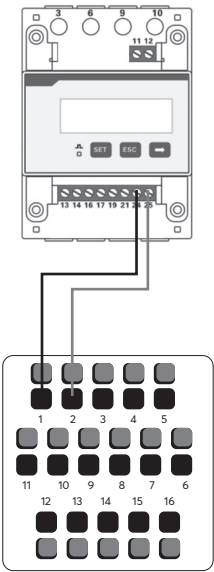


(connection-side view on the plug)

Connect the one-phase meter (16)

detail 4b

PIN meter	B/25	A/24
PIN adapter	2	1

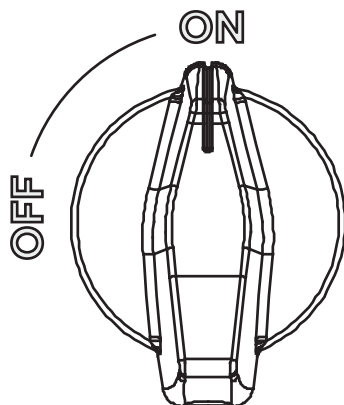


(connection-side view on the plug)

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

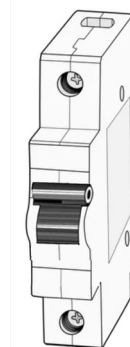
SYSTEM START UP

1



Turn inverter DC switch ON

2



Turn on

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

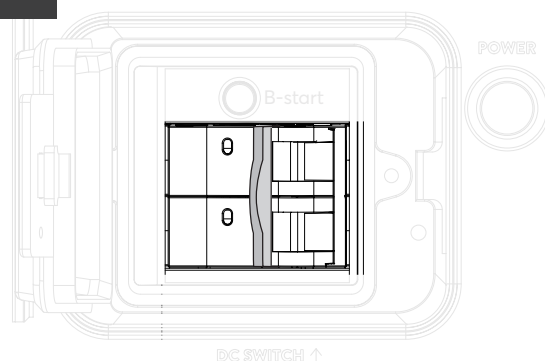
3



Press inverter confirm button ☒ for 3 sec.

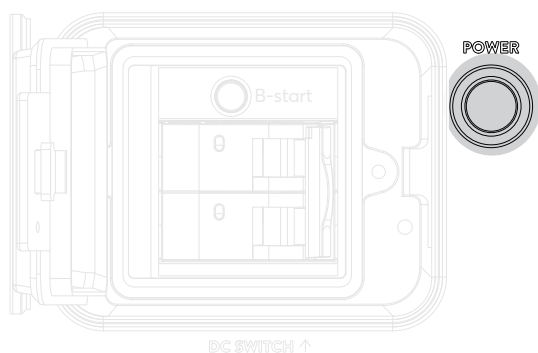
- set grid code for grid safety
- set the current date & time
- select START

4



Turn battery DC switch (top pack) ON

5



Press battery POWER button (top pack)

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

PRO APP BINDING



Download Pro app and login with your Pro account

Pro app commissioning features:

Inverter vision

- Make the device connectable via WiFi
- download CEI 0-21 selftest protocol (Italy)
- Set Cos φ
- Limit apparent power AC input

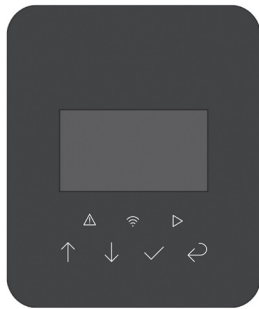
Charger vision

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

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

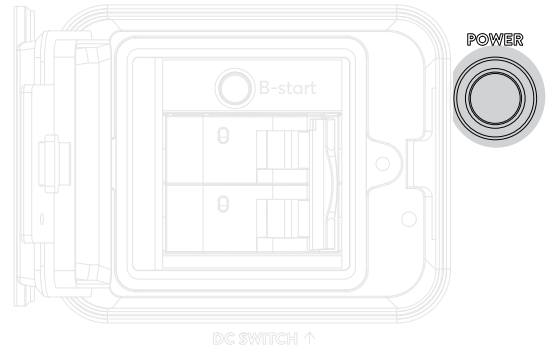
SYSTEM SWITCH OFF

1



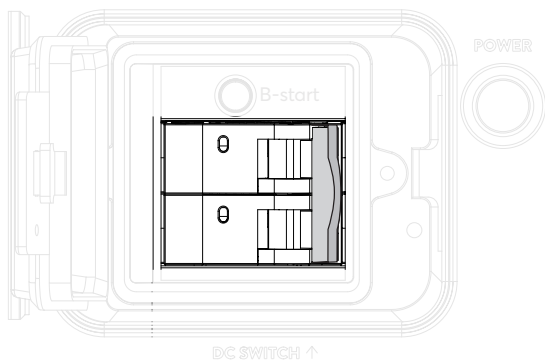
Press inverter confirm button  for 3 sec.
• select STOP

2



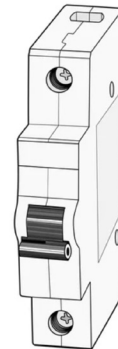
Press battery POWER button (top pack)

3



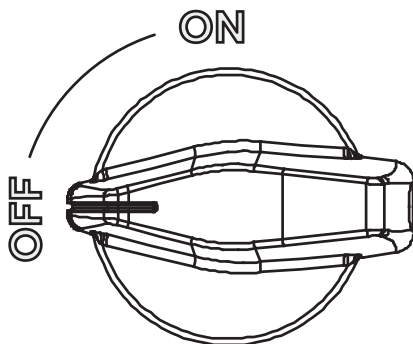
Turn battery DC switch (top pack) OFF

4



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

5

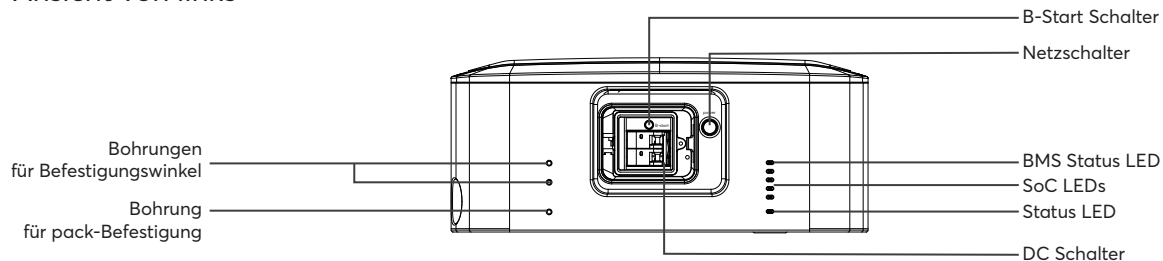


Turn inverter DC switch OFF

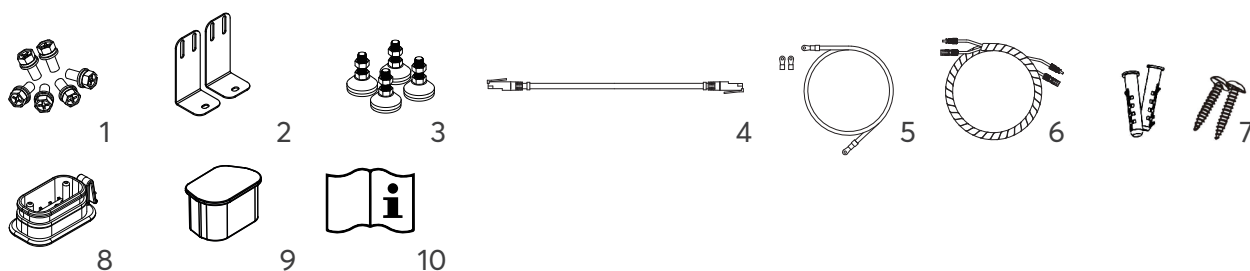
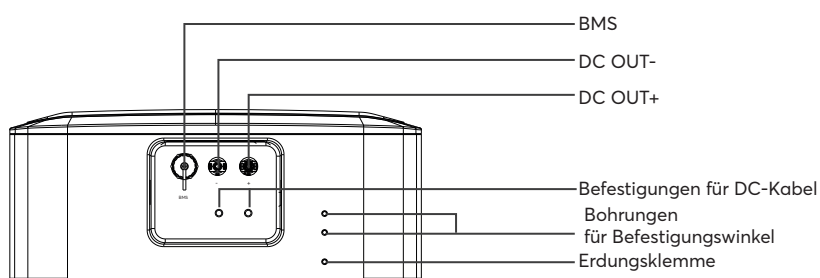
AUFBAU UND LIEFERUMFANG

Battery vision top pack 1.0 (2.6 kWh)

Ansicht von links



Ansicht von rechts

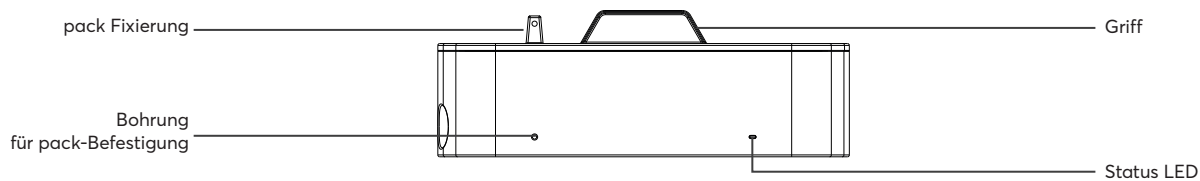


- 1 Schrauben (M5) für Befestigung packs und Befestigungswinkel
- 2 Befestigungswinkel
- 3 Standfüße
- 4 Kommunikationskabel BMS - Wechselrichter (1,5 m)

- 5 Erdungskabel mit zusätzlichen Kabelschuhen
- 6 DC-Kabel Batterie (1,5 m)
- 7 Schrauben für Wandbefestigung
- 8 Brückenstecker

- 9 Schutzabdeckung für Anschlüsse
- 10 Schnellstartanleitung Sicherheitshinweise

Battery vision pack 1.0 (2.6 kWh)



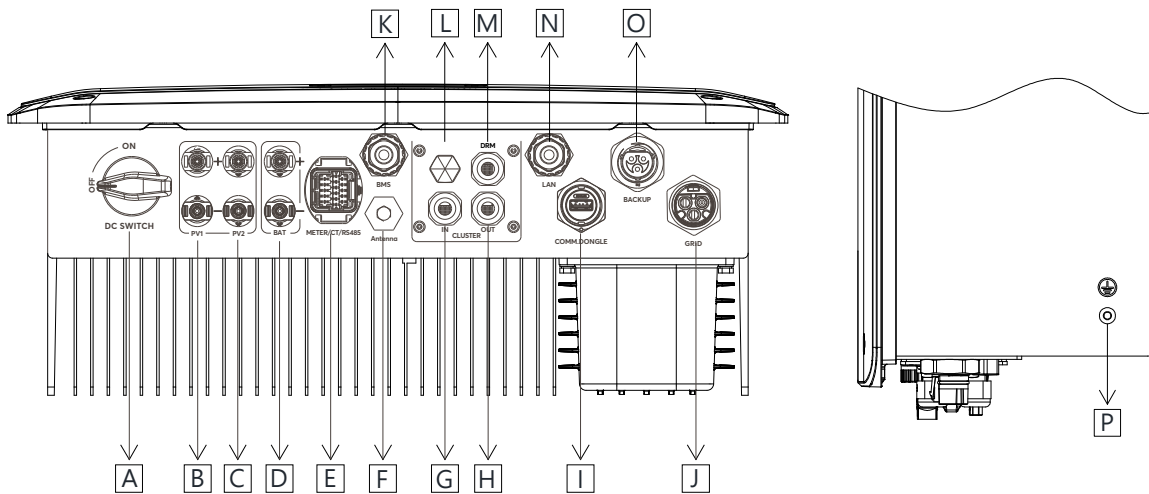
23



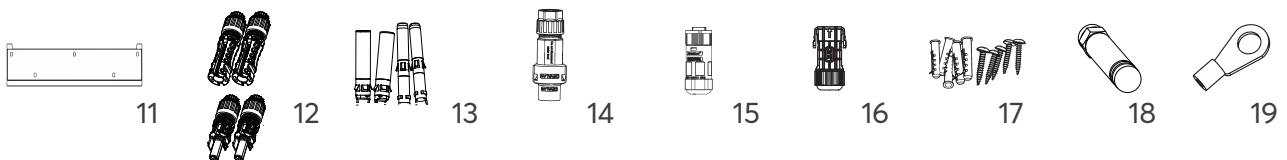
24

- 23 Schrauben (M5) für pack Befestigung
- 24 Sicherheitshinweise

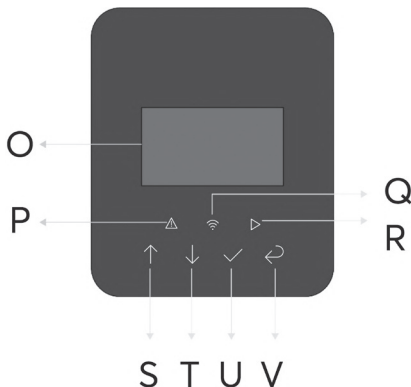
Inverter vision one 1.0



- | | | |
|------------------------------|-----------------------|----------|
| 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 ANSCHLUSS ABDECKUNG | |



- | | |
|--------------------------|---|
| 20 Zähler mit CT-Klemmen | 21 2x RJ45 Stecker für outdoor Installation (wasserdicht) |
| 22 Sicherheitshinweise | |

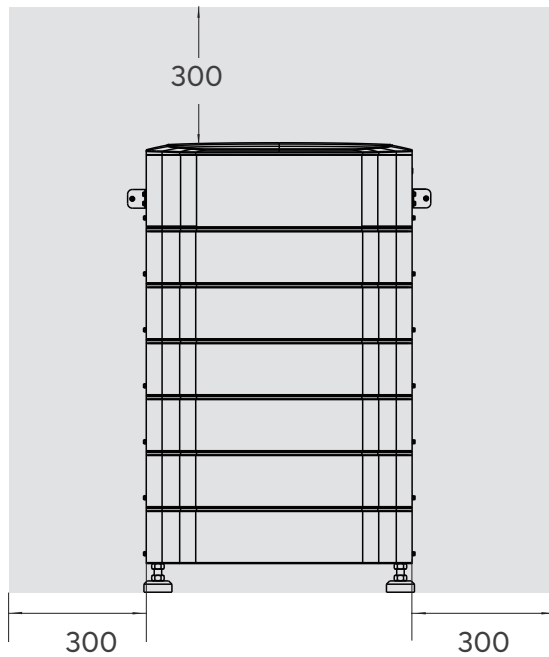


- O LC display
P rot: Fehler
Q blau: WLAN/LAN Status
R grün: betriebsbereit
S hoch; Wert erhöhen
T runter; Wert verringern
U bestätigen
V zurück/beenden

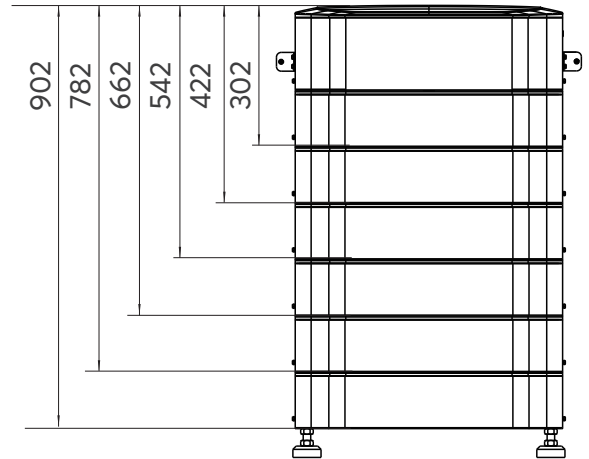
Zusätzlich benötigt:

- 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]

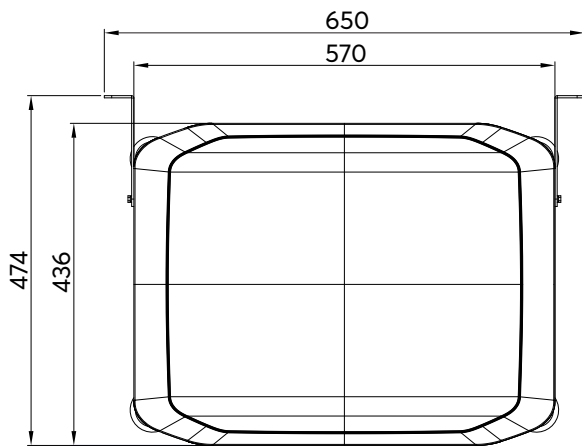


Minimaler Platz für die Installation
(min. Arbeitsbereich nach vorn: 1.200)

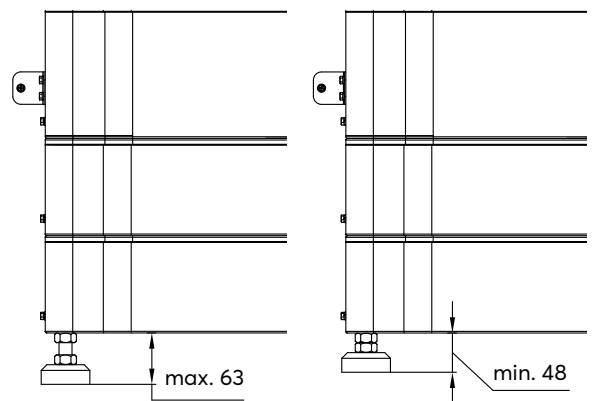


Installationshöhe (ohne Standfüße)

(view from above)

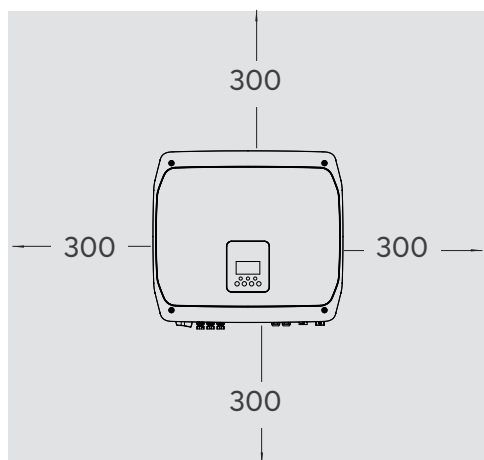


Installationsbreite und -tiefe
Abstand zur Wand: 38 mm

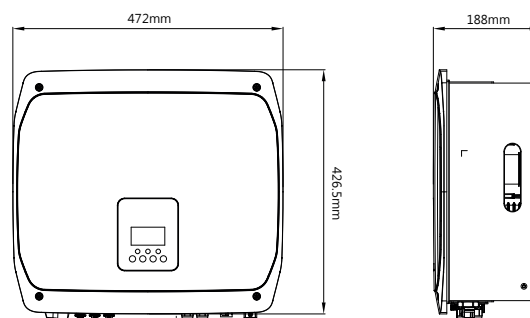


Flexibler Abstand zum Boden

ABMESSUNGEN INVERTER VISION ONE [MM]



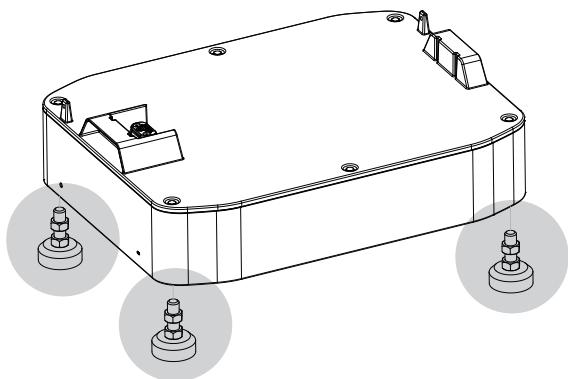
Minimaler Platz für die Installation
(min. Arbeitsbereich nach vorn: 1.200)



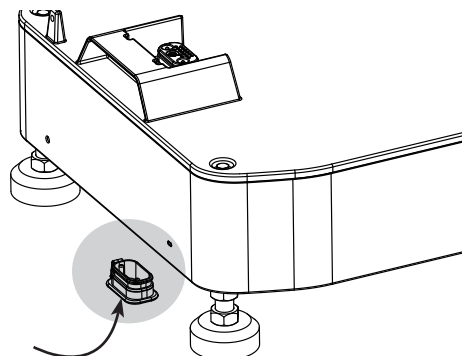
1,5 m
Abstand zur
Batterie

Standard Kabellänge zur
Verbindung mit der Bat-
terie: 1,5 m

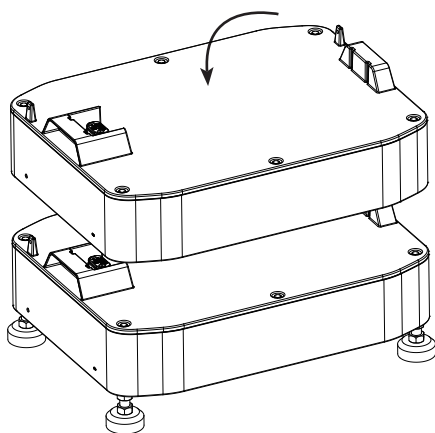
MONTAGE UND VERKABELUNG BATTERY PACKS



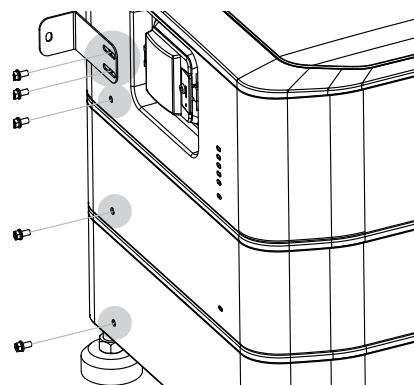
4 Standfüße **(3)** am unteren Battery pack anbringen
(Standfüße sind Teil der Verpackung des top packs)



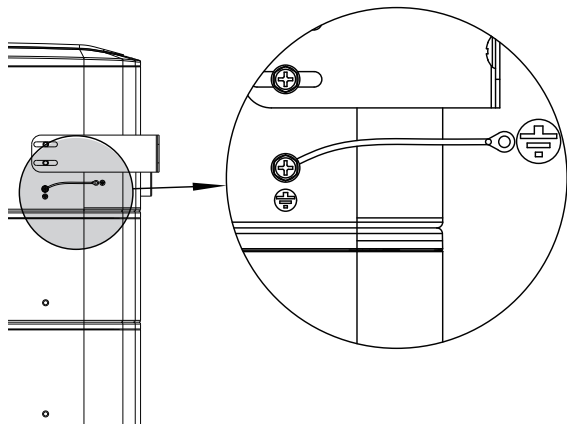
Brückenstecker **(8)** anbringen
(Brückenstecker ist Teil der Verpackung des top packs)



packs aufstapeln, top pack als letztes

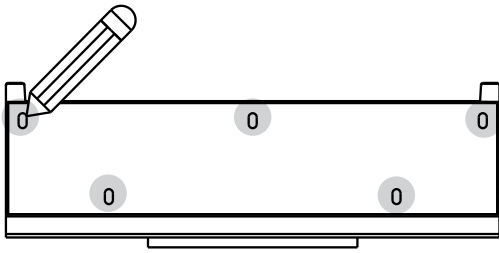


top pack erst mit Befestigungswinkeln **(2)** fixieren, packs mit Schrauben **(1)** fixieren

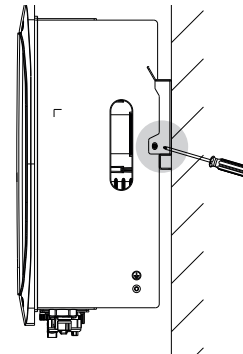


Erdungskabel **(5)** anschließen

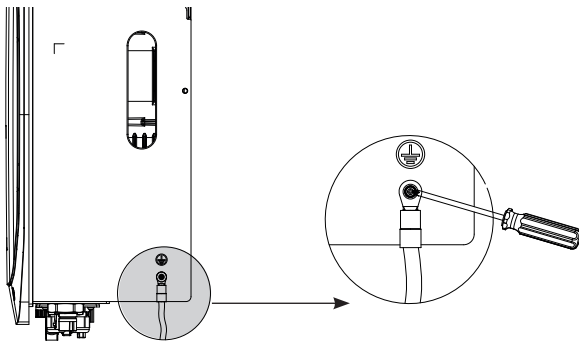
MONTAGE UND VERKABELUNG INVERTER



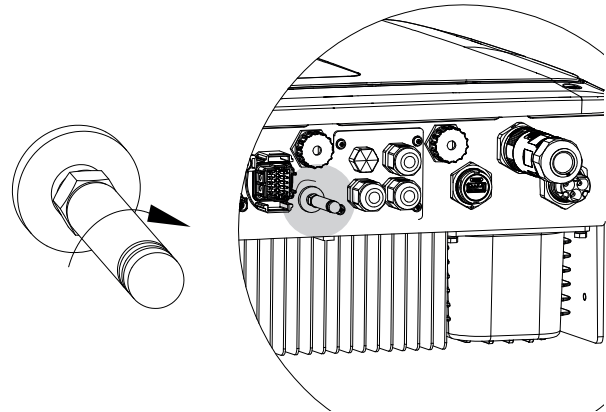
Wandhalter **(11)** mit Schrauben befestigen



Wechselrichter auf den Wandhalter hängen, mit M5 Schrauben fixieren

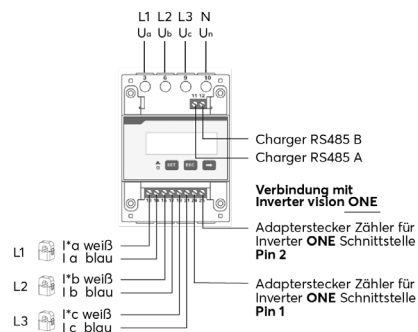
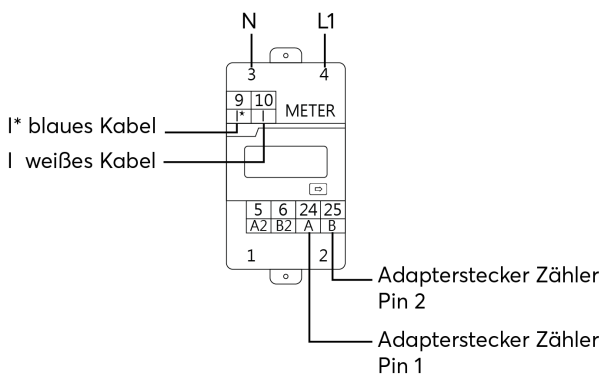


Erdungsklemme über Kabelschuh **(19)** anschließen

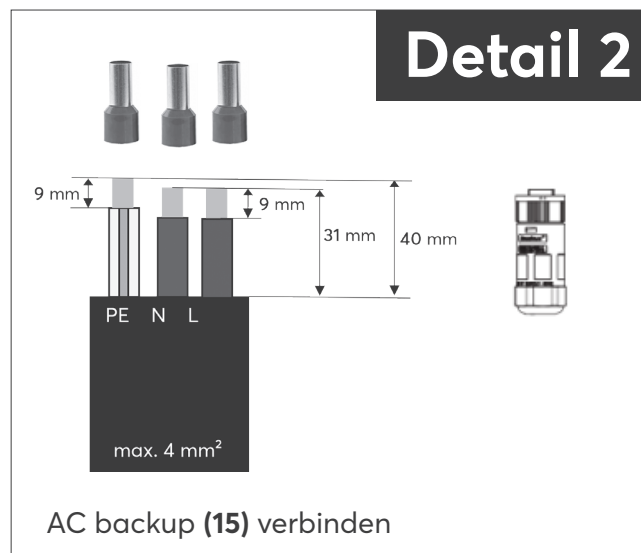
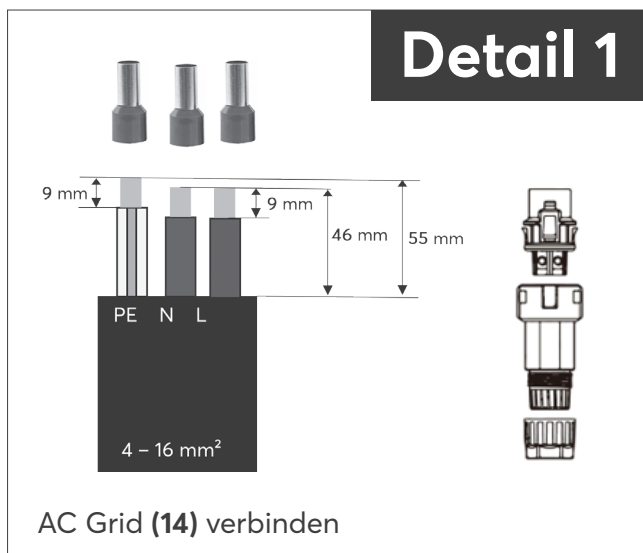
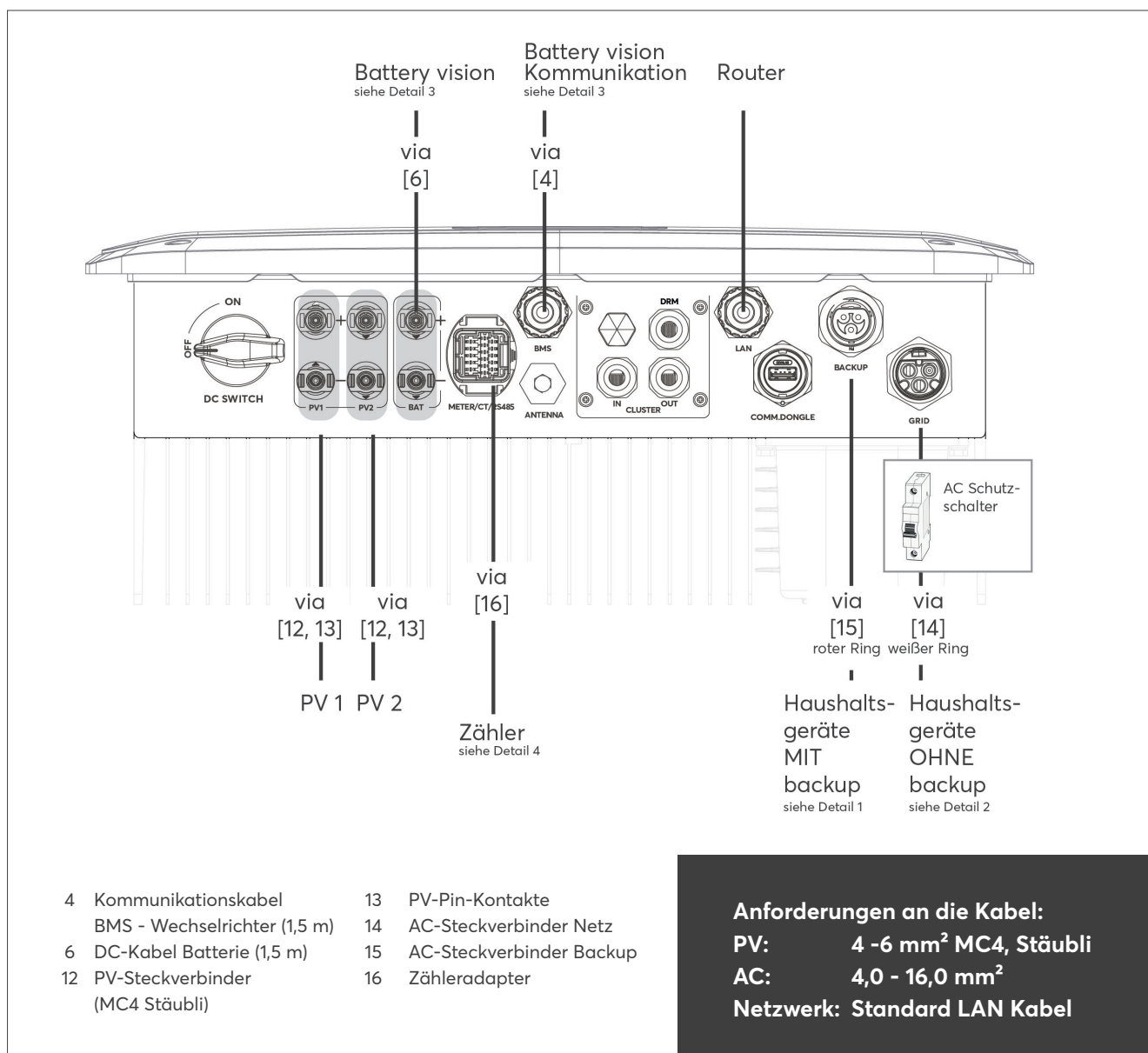


Antenne **(18)** einschrauben

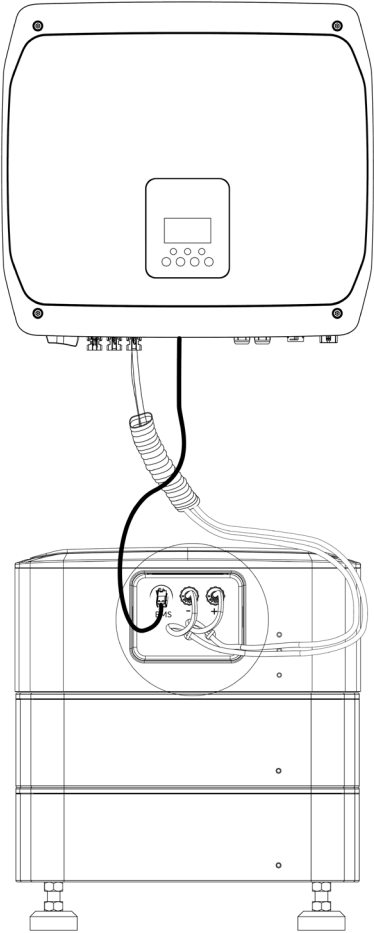
METER INSTALLATION AND WIRING



WECHSELRICHTER VERKABELUNG



Detail 1

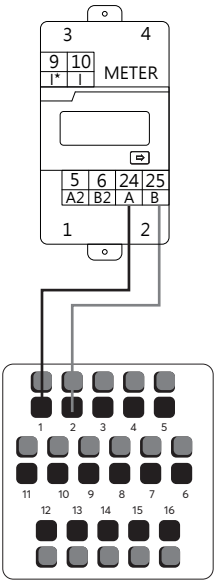


Batterie verbinden (6, 4)

Detail 2a

PIN Zähler	B/25	A/24
PIN Adapter	2	1

(Ansicht auf den Adapter von der Seite der Anschlüsse)

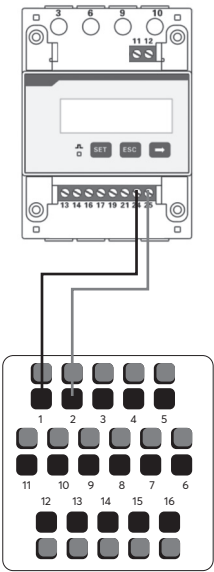


Einphasenzähler verbinden (16)

Detail 2b

PIN Zähler	B/25	A/24
PIN Adapter	2	1

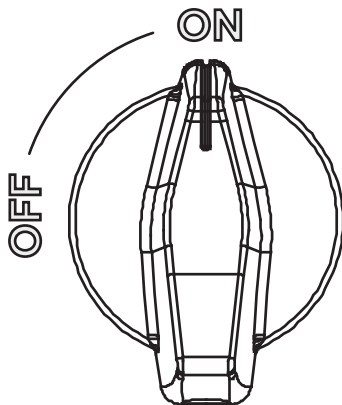
(Ansicht auf den Adapter von der Seite der Anschlüsse)



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

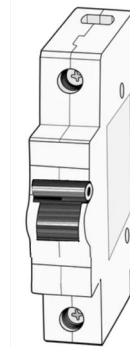
SYSTEMSTART

1



DC-Schalter am Wechselrichter anschalten

2



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

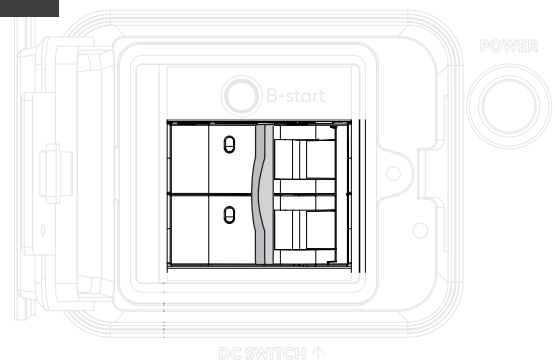
3



Bestätigen Button am Wechselrichter ☒ für 3 Sekunden drücken

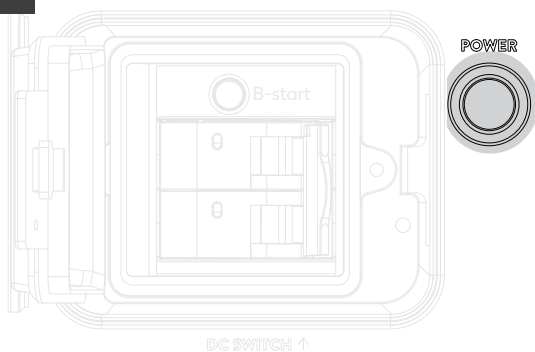
- Gridcode für Netzsicherheit einstellen
- Datum und Zeit einstellen
- START wählen

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 PRO APP



Pro app herunterladen und mit Pro-account einloggen

Pro app Inbetriebnahmefunktionen:

Inverter vision

- das Gerät über WLAN verfügbar machen
- Download des CEI 0-21 Selbsttest Protokolls (Italien)
- $\cos \varphi$ einstellen
- Begrenzung der Scheinleistung AC-Eingang

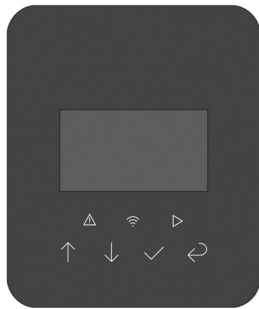
Charger vision

- das Gerät über WLAN verfügbar machen
- RFID-Autorisierung bearbeiten
- Maximalen Ladestrom (A) einstellen
- Lastmanagement einrichten (Funktion in Vorbereitung)

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

SYSTEM AUSSCHALTEN

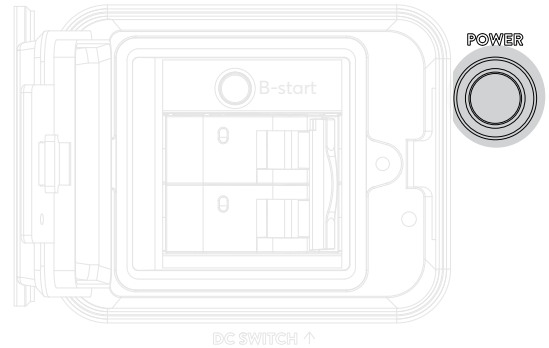
1



Bestätigen Button am Wechselrichter ☒
für 3 Sekunden drücken

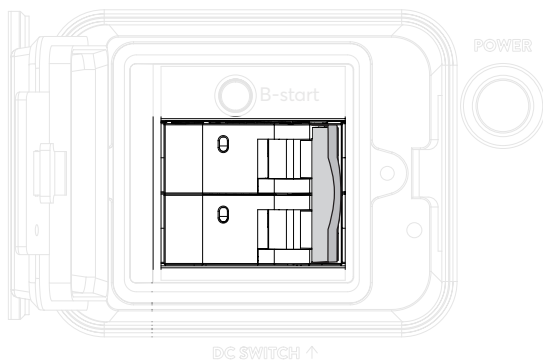
- STOP wählen

2



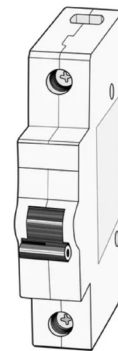
POWER button an der Batterie (top pack)
betätigen

3



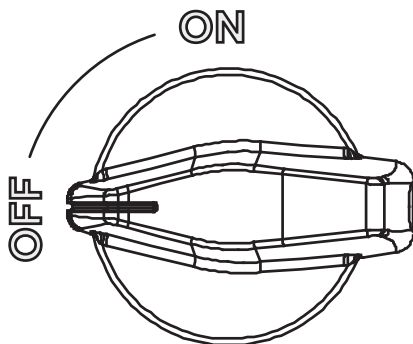
DC-Schalter an der Batterie (top pack)
anschalten

4



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

5

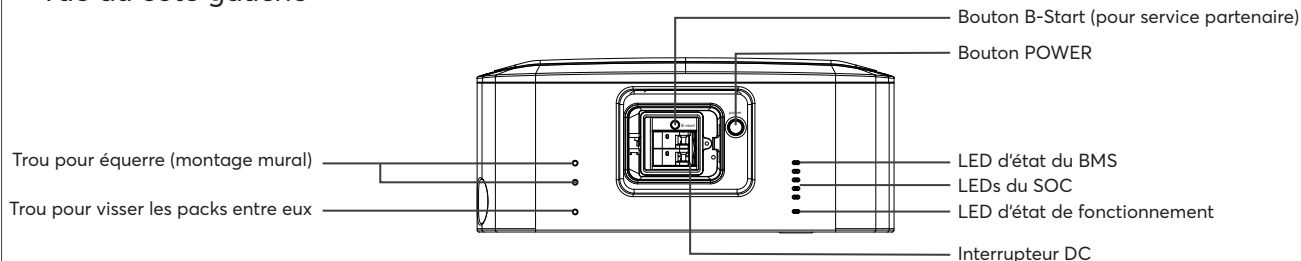


DC-Schalter am Wechselrichter ausschalten

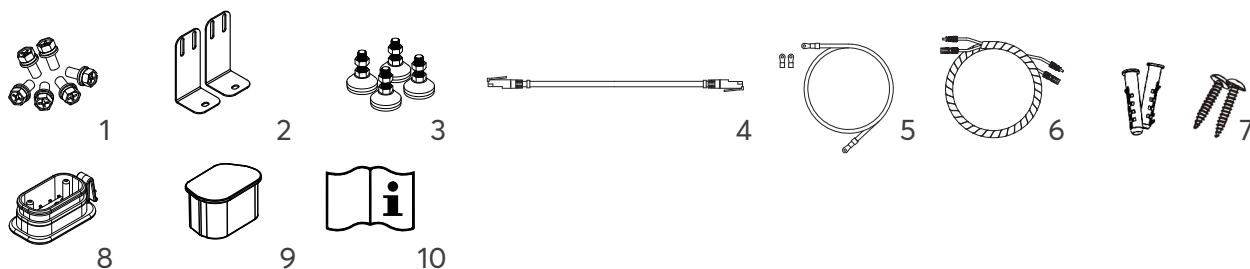
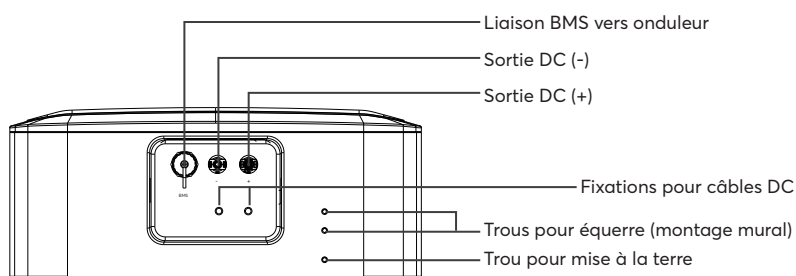
COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Battery vision top pack 1.0 (2.6 kWh)

Vue du côté gauche

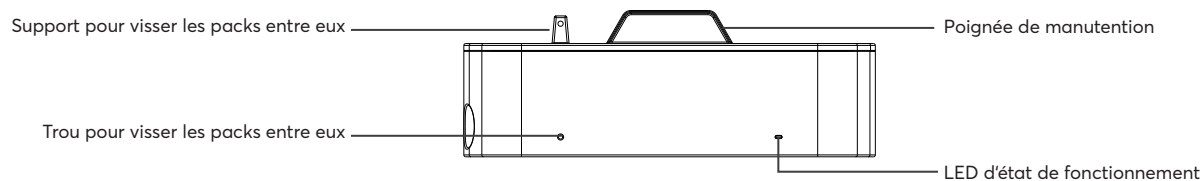


Vue du côté droit



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

Battery vision pack 1.0 (2.6 kWh)



21

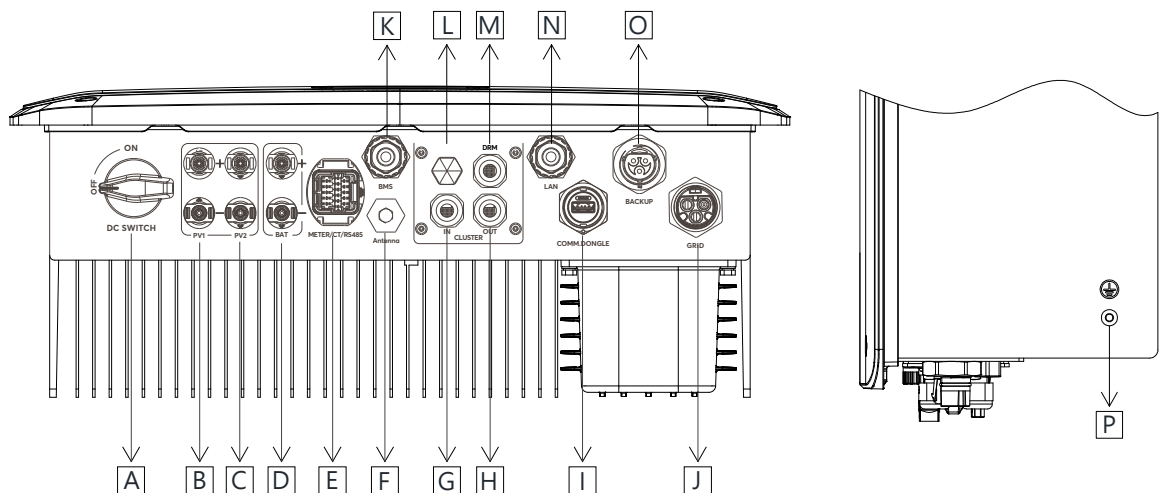


22

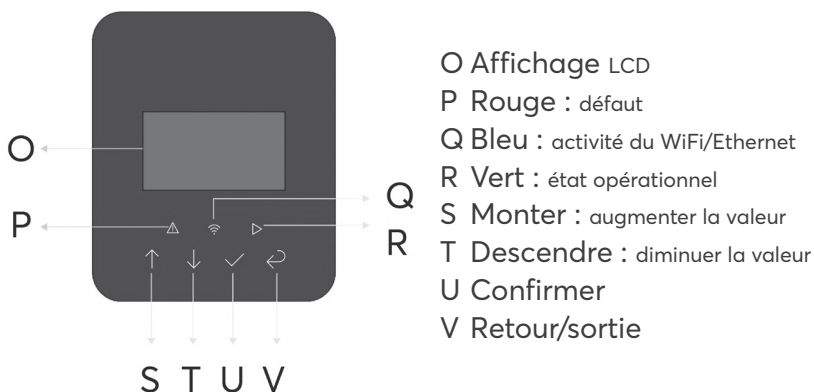
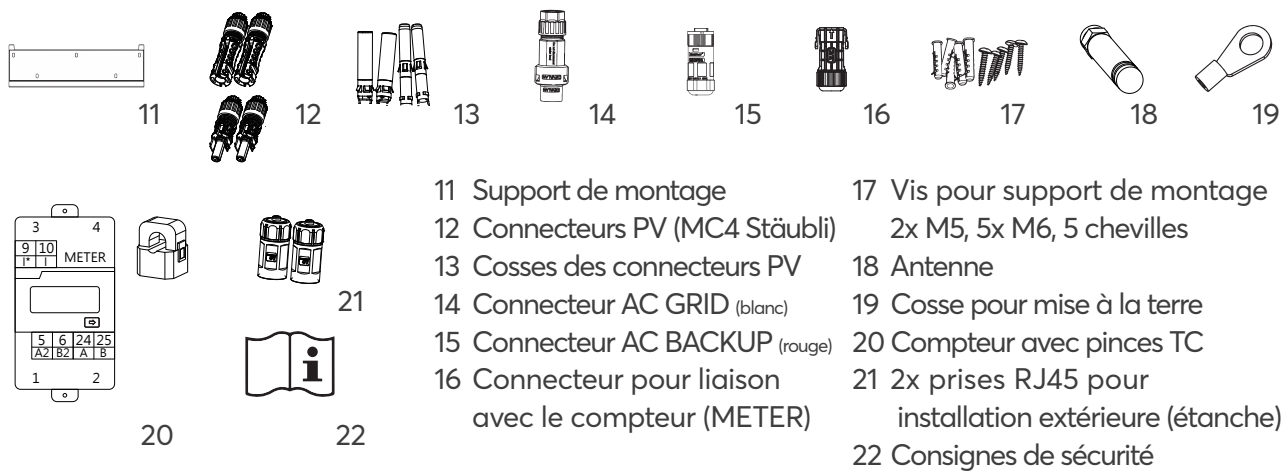
- 21 Vis (M5) pour visser les packs et les équerres de montage
22 Consignes de sécurité

COMPOSITION DU SYSTÈME ET CONTENU DE LA LIVRAISON

Inverter vision one 1.0



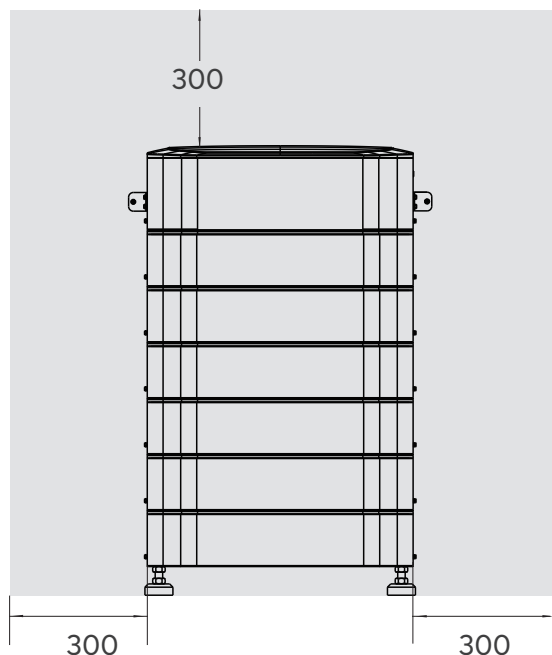
- | | | | | | |
|---|--------------------------------|---|--|---|-------------------------|
| A | Interrupteur DC SWITCH | G | Entrée CLUSTER (IN) | L | Bouchon étanche |
| B | Entrées PV 1 | H | Sortie CLUSTER (OUT) | M | Port DRM |
| C | Entrées PV 2 | I | Port COMM. DONGLE
Service USB sticks for special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



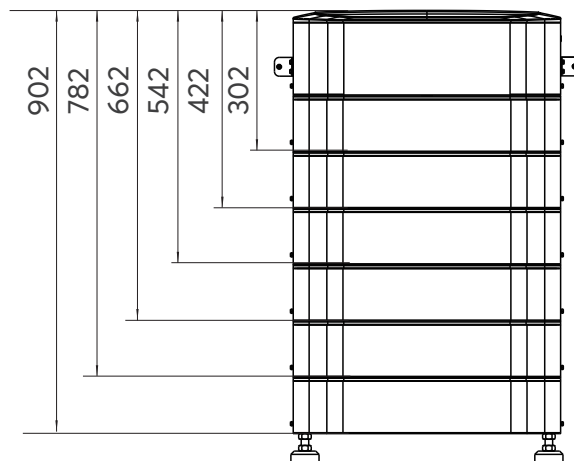
Équipement supp. requis :

- 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]

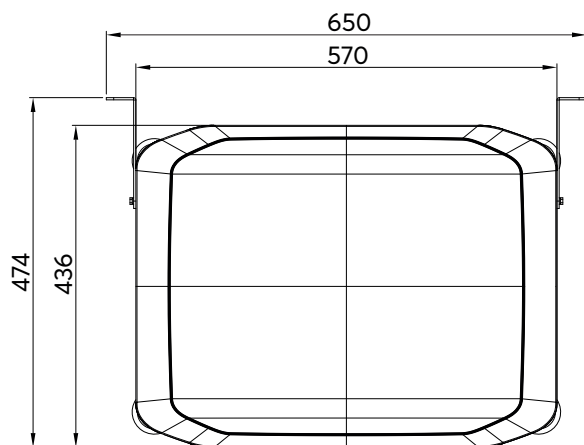


Espace d'installation minimum
(Distance de travail min. à l'avant : 1.200)

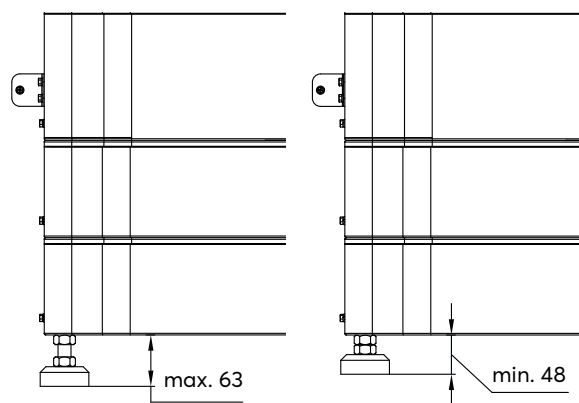


Hauteur du système de batteries
(sans pieds)

(vue du dessus)

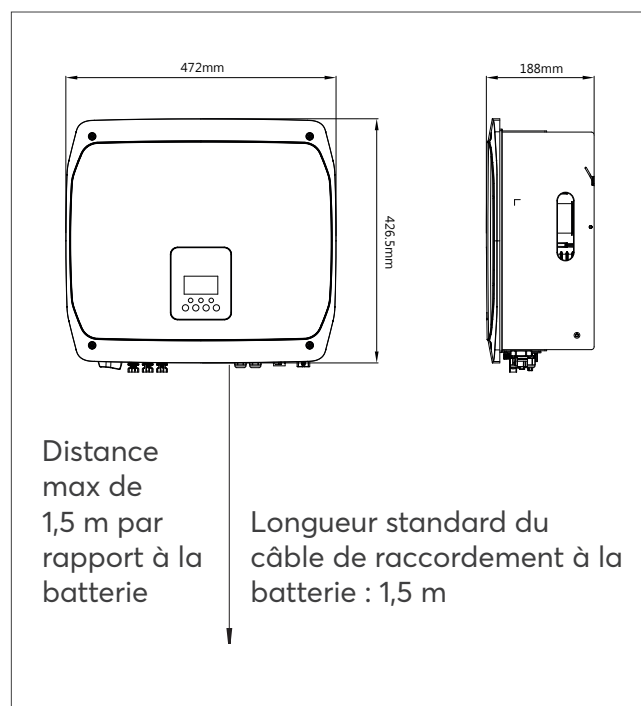
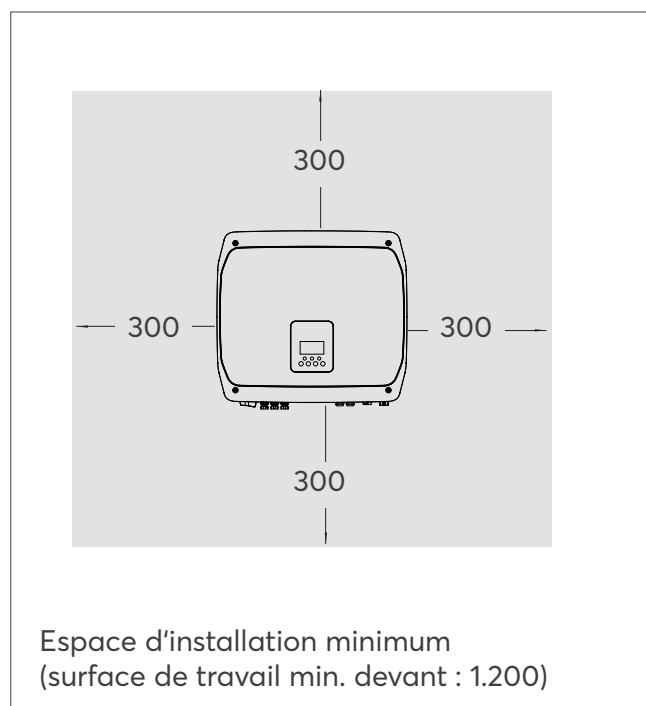


Largeur et profondeur du système
Distance du mur : 38 mm

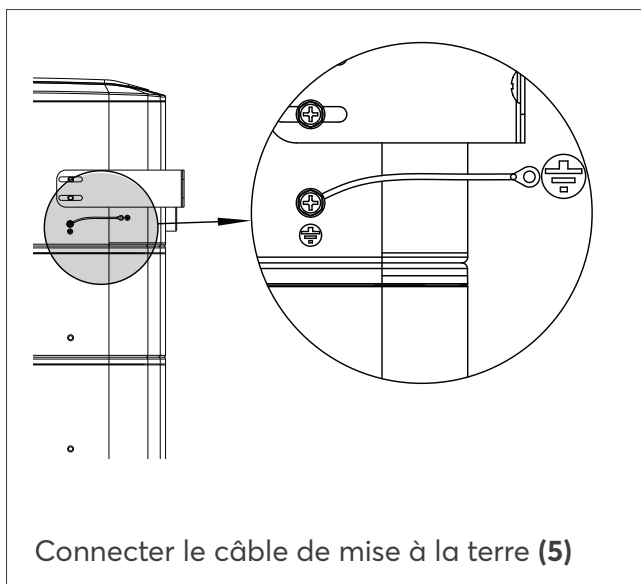
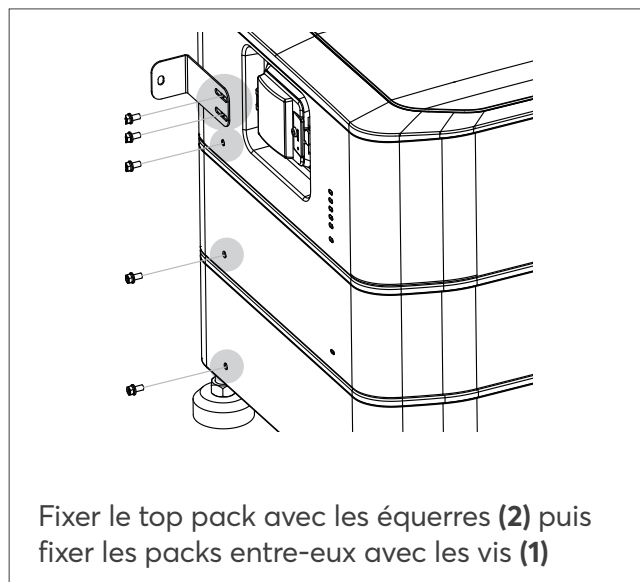
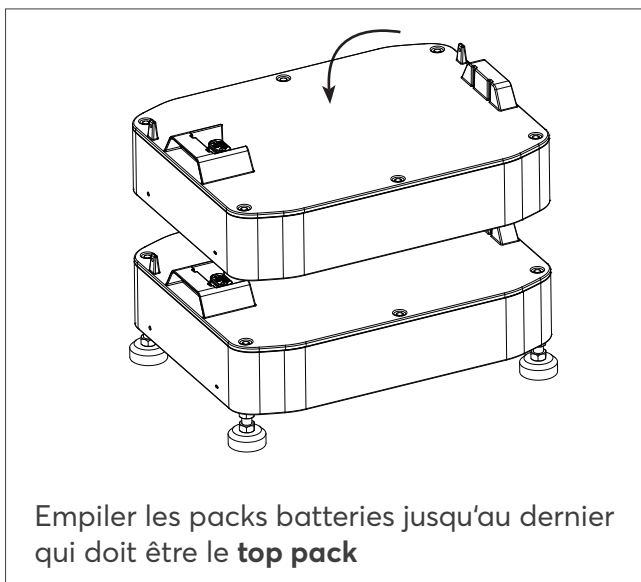
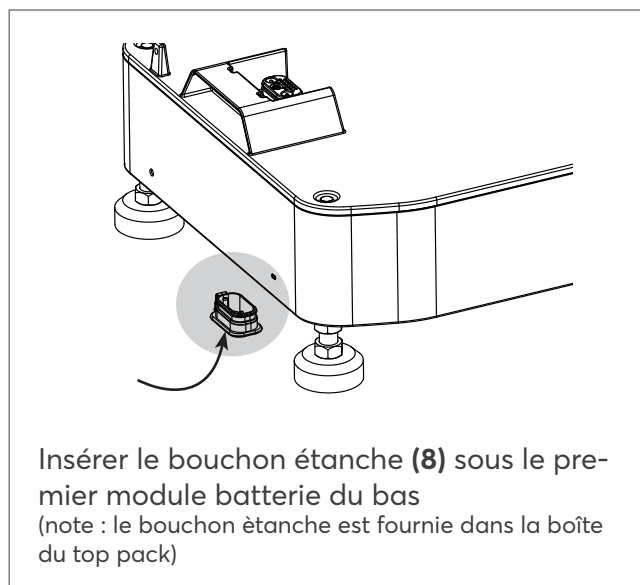
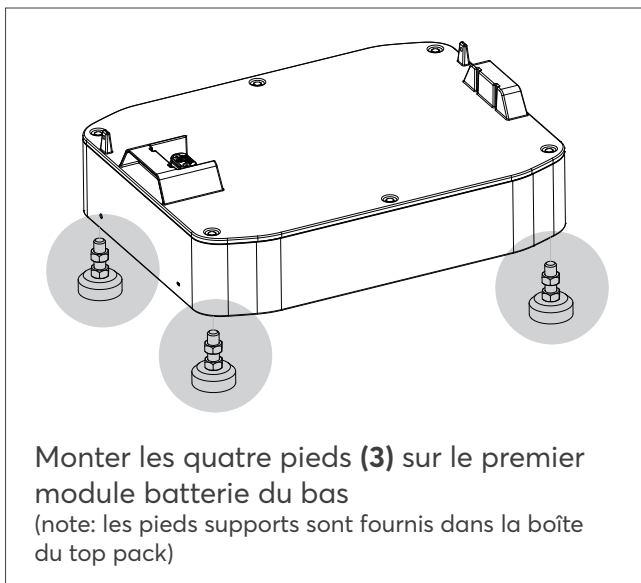


Distance ajustable par rapport au sol

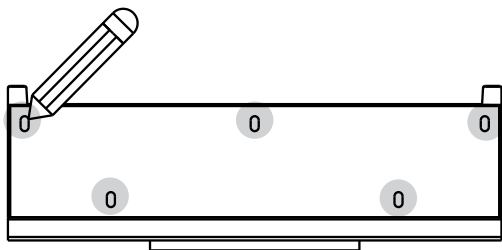
DIMENSIONS DE L'ONDULEUR INVERTER VISION ONE [MM]



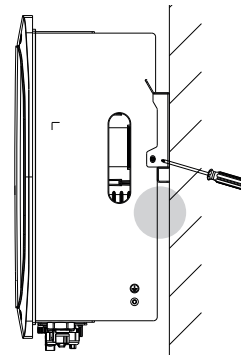
MONTAGE ET CÂBLAGE DES PACKS BATTERIES



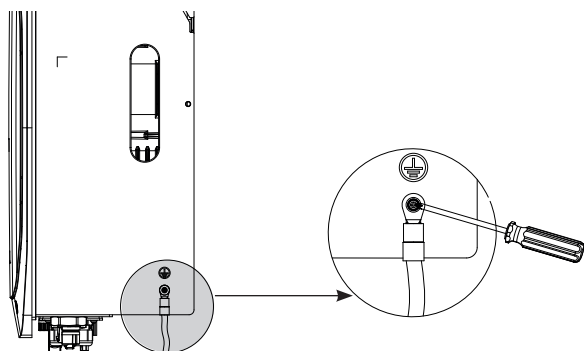
MONTAGE ET ET CÂBLAGE DE L'ONDULEUR



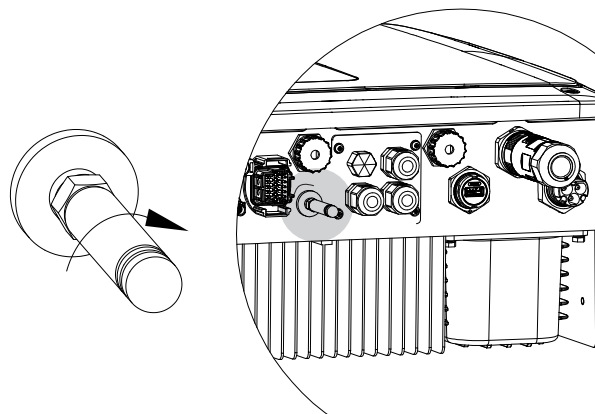
Fixer le support mural (10) avec des vis et des chevilles adaptées au mur



Accrocher l'onduleur sur le support, et verrouiller-le avec la vis M5

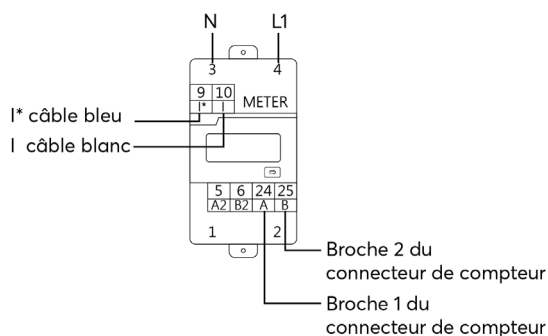


Réaliser la mise à la terre avec la cosse fournie (18)

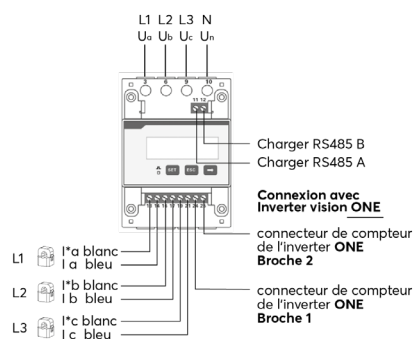


Visser l'antenne Bluetooth/WiFi (17)

MONTAGE ET CÂBLAGE DU COMPTEUR

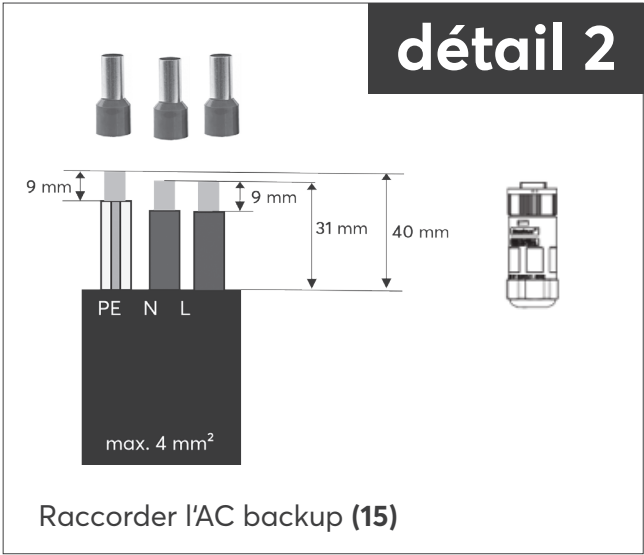
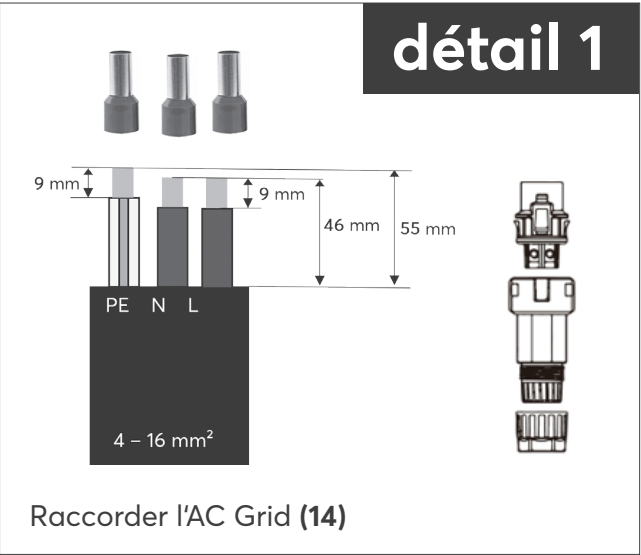
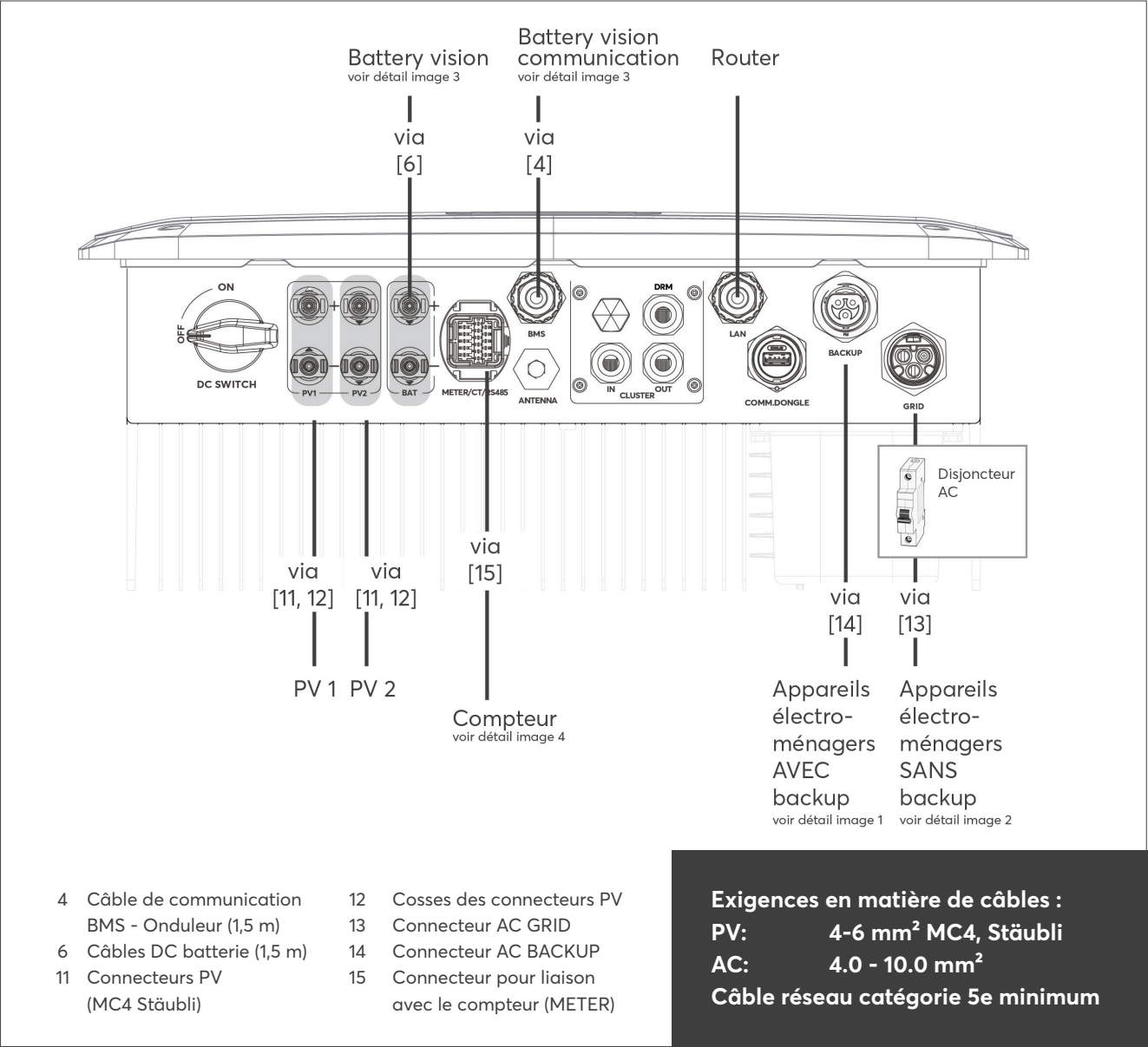


Installer le compteur monophasé (20) sur le rail de l'armoire domestique
raccorder le compteur selon le schéma de câblage p. 4

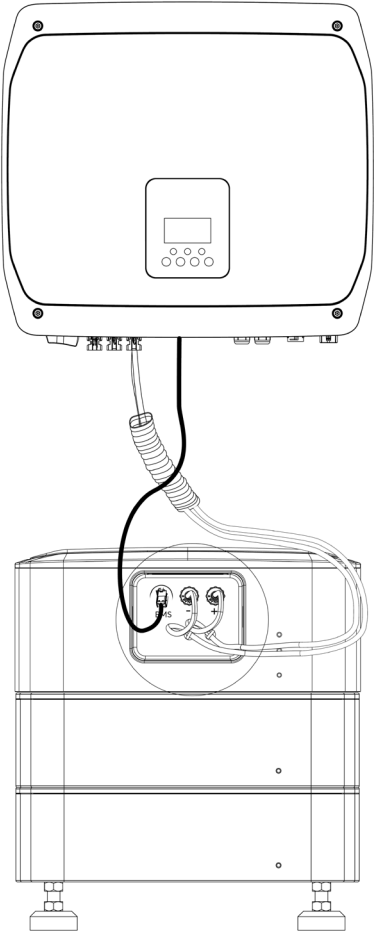


Alternativement : Installer le compteur triphasé (à commander auprès de Solarwatt) sur le rail de l'armoire domestique
raccorder le compteur selon le schéma de câblage p. 5

CÂBLAGE DE L'ONDULEUR

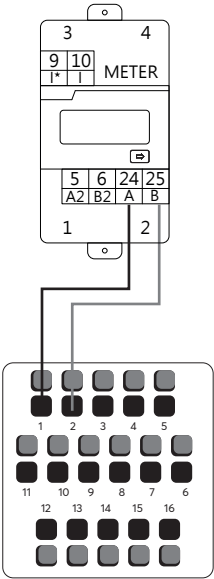


détail 1



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

détail 2a

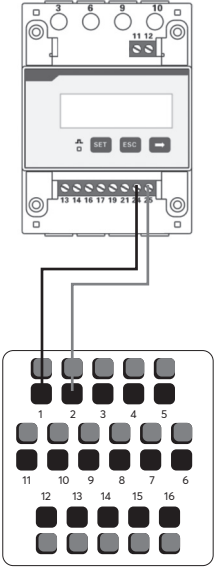


PIN du compteur	B/25	A/24
PIN du connecteur	2	1

(Vue du côté des connexions)

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

détail 2b



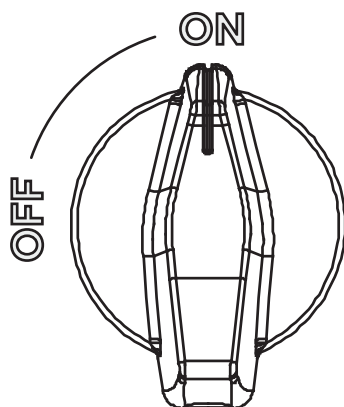
PIN du compteur	B/25	A/24
PIN du connecteur	2	1

(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

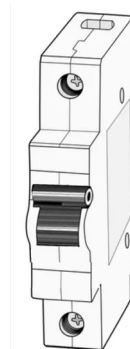
DÉMARRAGE DU SYSTÈME

1



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

2



Allumer :

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

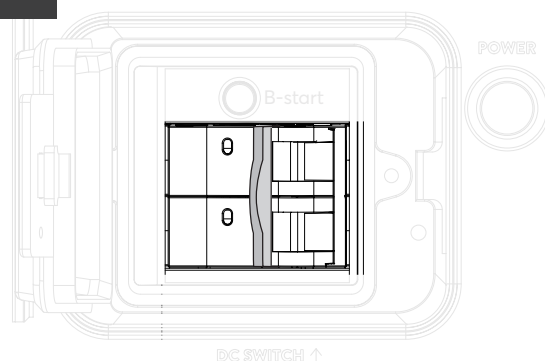
3



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

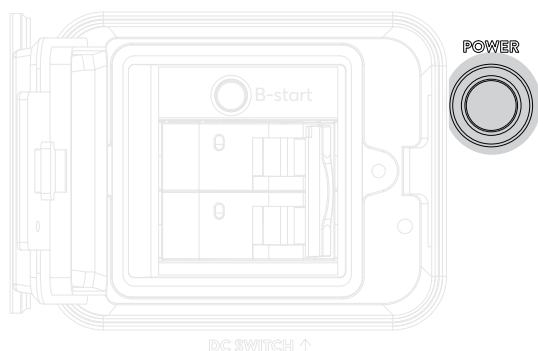
- définir le code réseau pour la sécurité du réseau
- reseau régler l'heure
- sélectionner START

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 PRO APP



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

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

Inverter vision

- Rendre l'appareil connectable via WiFi
- Télécharger le protocole Auto-test selon CEI 0-21 (Italie)
- Définir Cos φ
- Limiter la puissance apparente Entrée AC

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 Pro app pour utiliser ces fonctionnalités

ARRÊT DU SYSTÈME

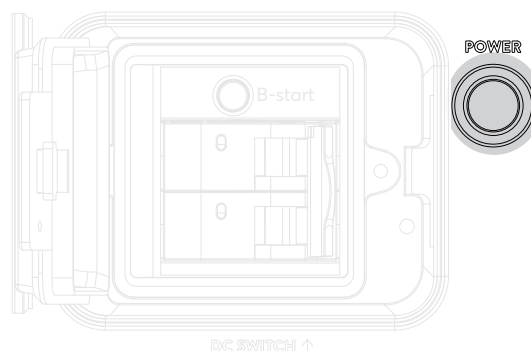
1



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

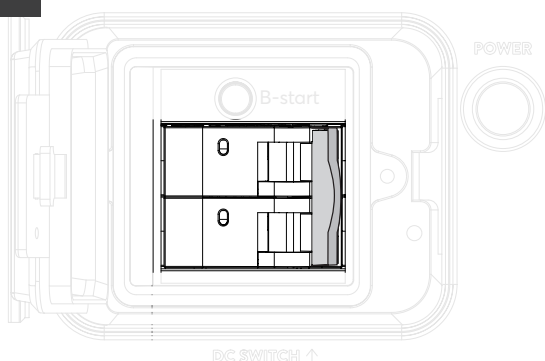
- sélectionner STOP

2



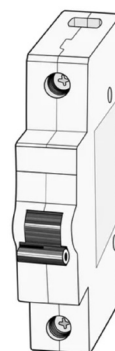
Appuyer sur le bouton POWER (top pack)

3



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

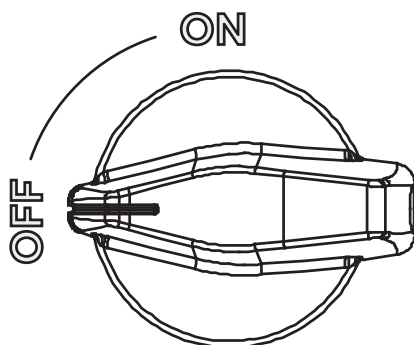
4



Éteindre

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

5

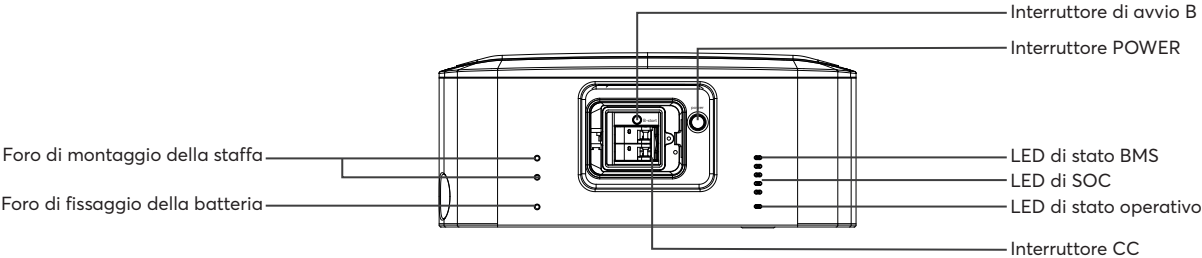


Tourner l'interrupteur **DC Switch** de l'onduleur sur OFF

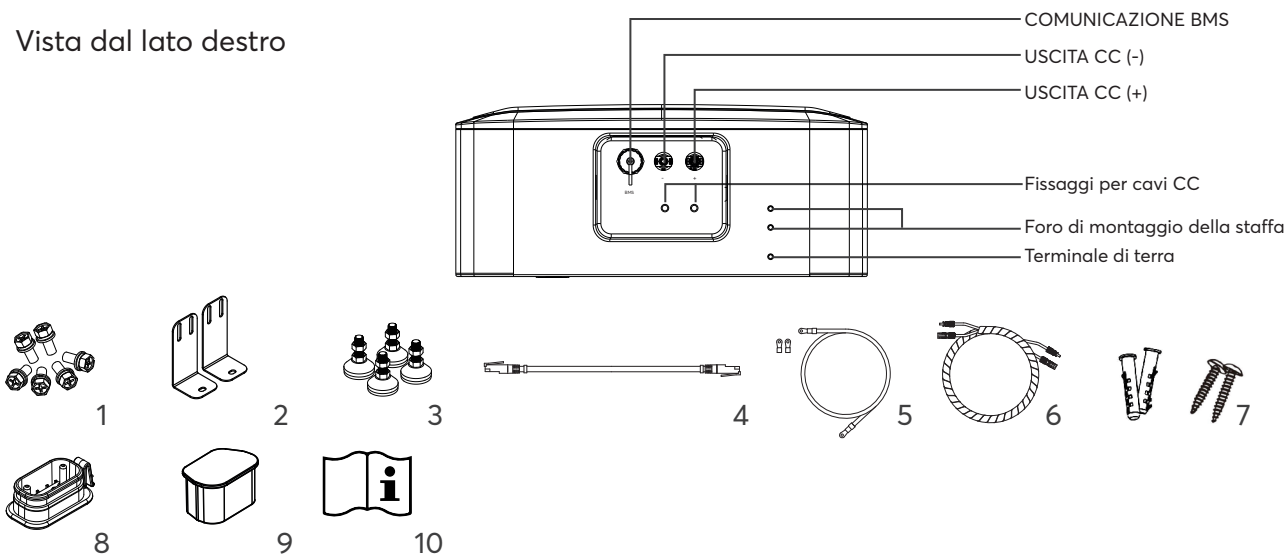
DESIGN DEL DISPOSITIVO E LISTE DI IMBALLAGGIO

Battery vision top pack 1.0 (2.6 kWh)

Vista dal lato sinistro



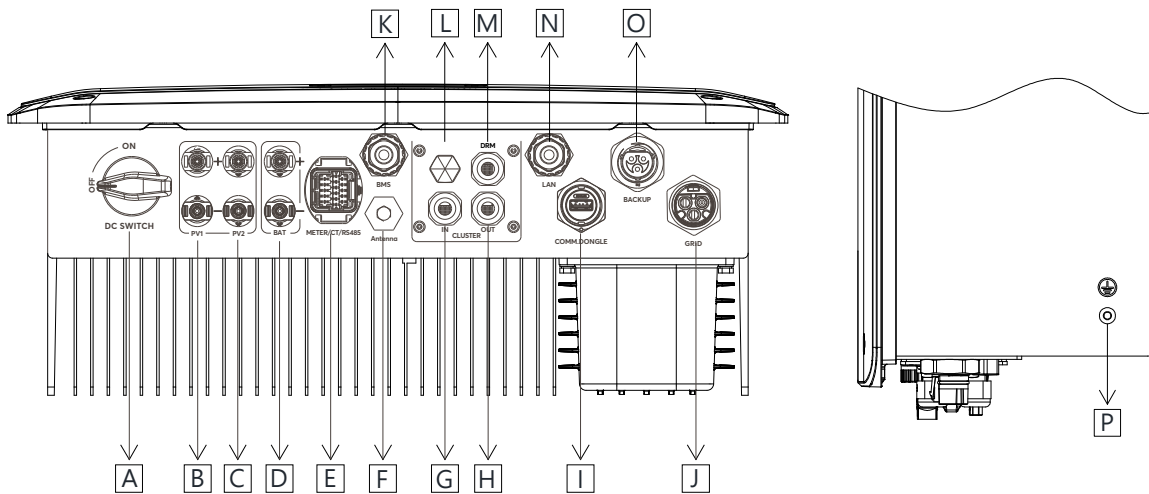
Vista dal lato destro



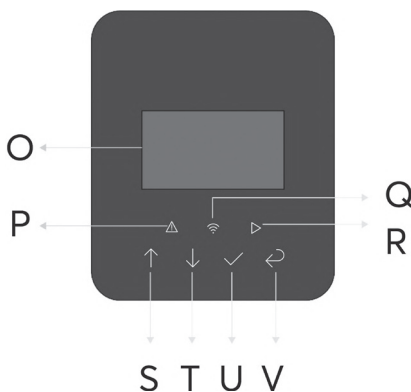
Battery vision pack 1.0 (2.6 kWh)



Inverter vision one 1.0



- | | | | | | |
|---|------------------------|---|-------------------|---|-----------|
| A | INTERRUTTORE CC 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 ELETTRICA AC | P | GROUNDING |
| E | CONTATORE / TA / RS485 | K | BMS | | |
| F | BLUETOOTH/WIFI | L | VALVOLA DI BOLCCO | | |



- Schermo LCD
(visualizza le informazioni dell'inverter)

LED di stato:

- P Rosso: segnalazione guasto
Q Blu: attività WiFi/Ethernet
R Verde: stato di normale funzionaemto

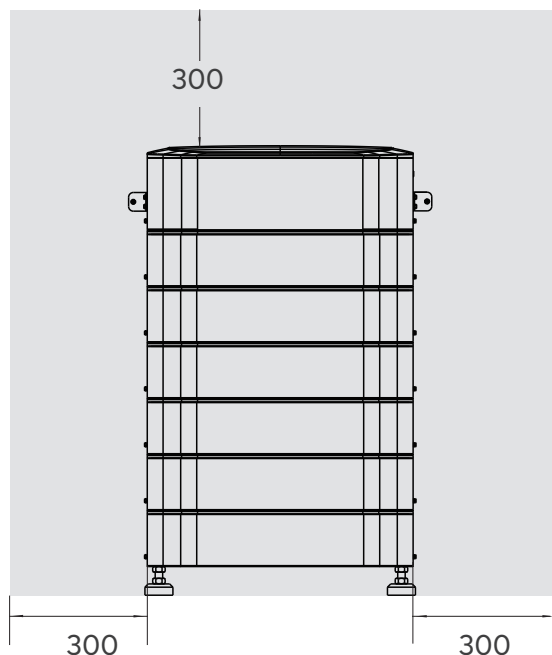
Pulsanti funzione:

- 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

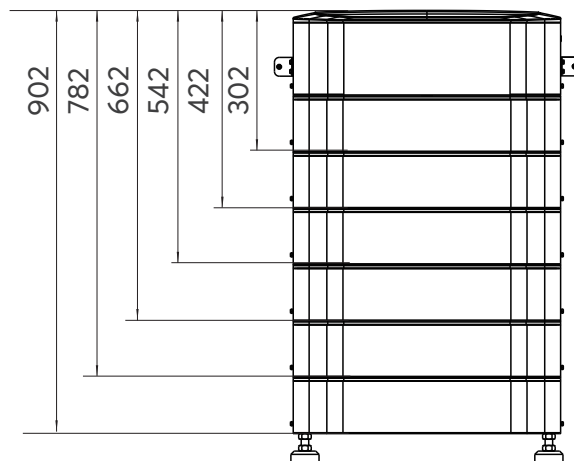
È necessario un equipaggiamento aggiuntivo:

- 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]

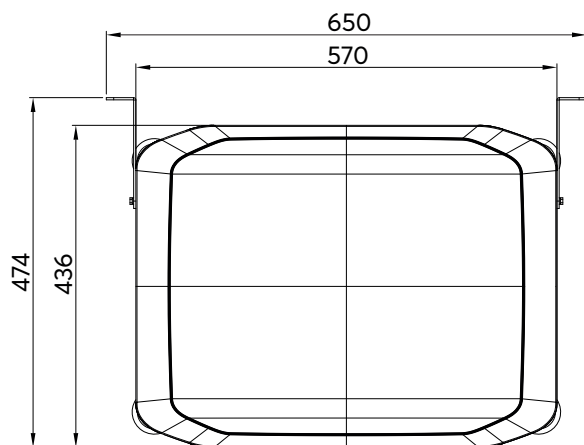


Spazio minimo di installazione
(area di lavoro minima anteriore: 1.200)

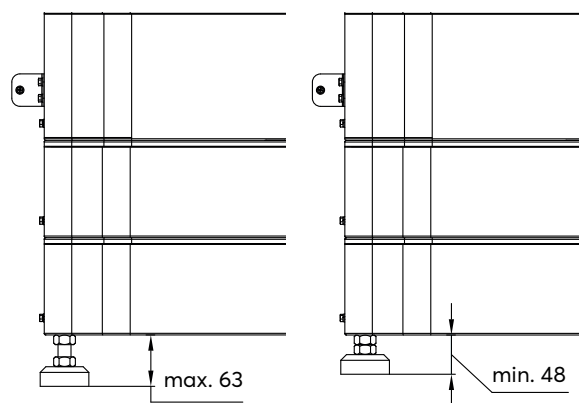


Altezza di installazione
(senza supporti)

(vista dall'alto)

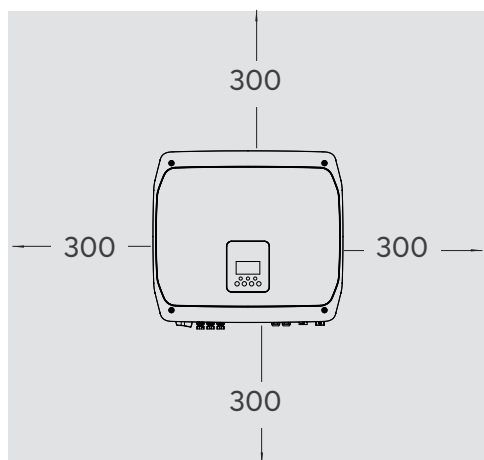


Larghezza e profondità di installazione
Distanza dalla parete: 38 mm

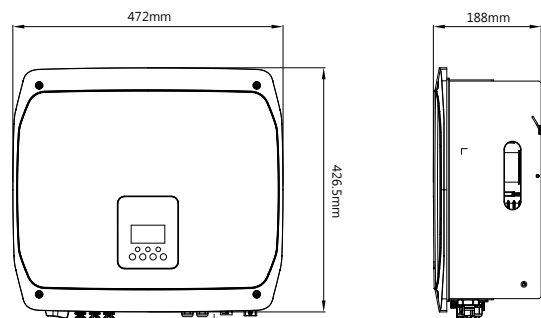


Distanza flessibile dal pavimento

DIMENSIONI INVERTER VISION ONE [mm]



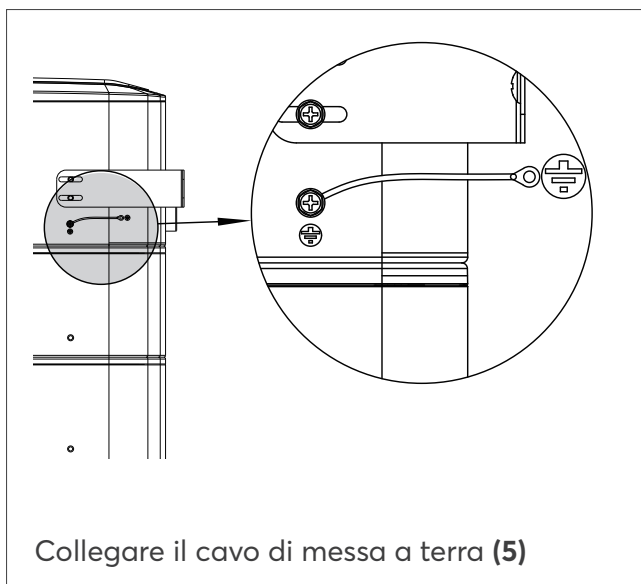
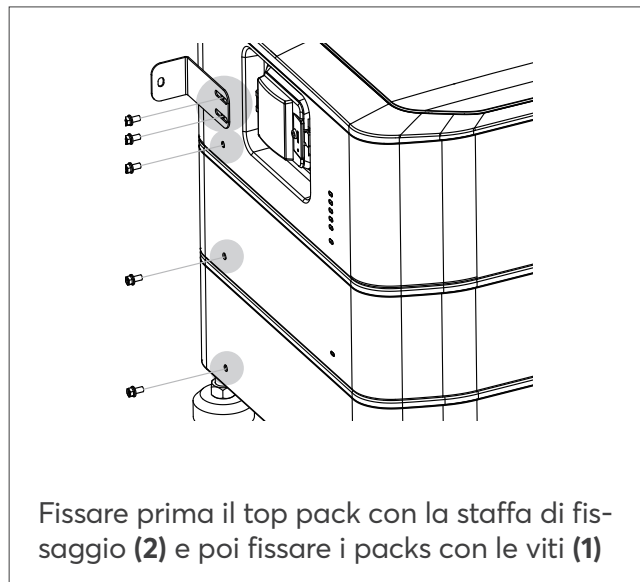
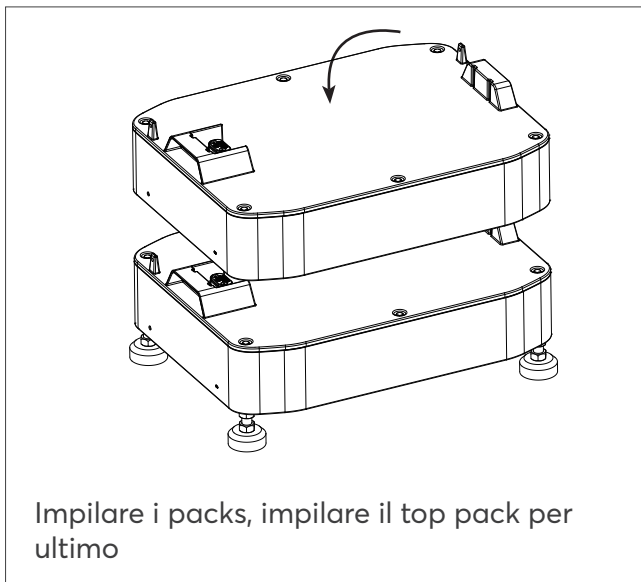
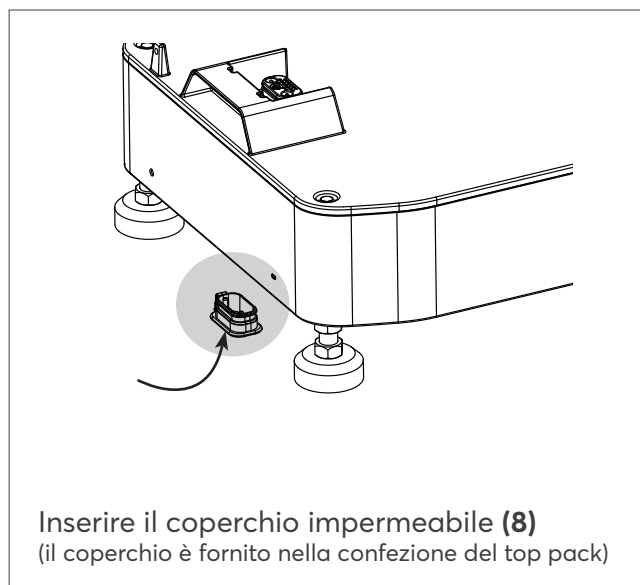
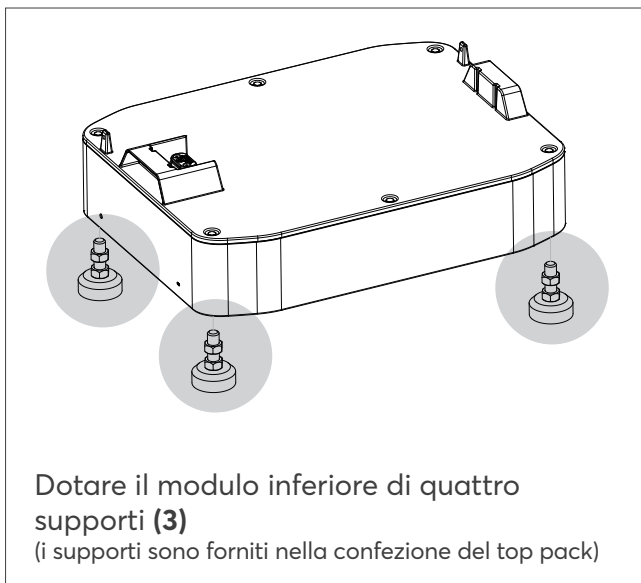
Spazio minimo di installazione
(area di lavoro minima anteriore: 1.200)



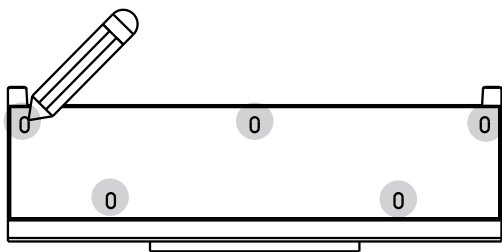
1,5 m
di distanza
dalla batteria

Lunghezza standard
del cavo di collegamento
alla batteria: 1,5 m

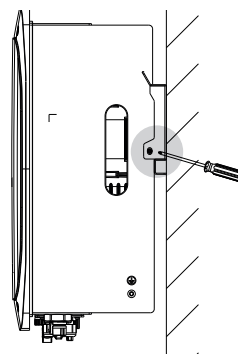
BATTERY PACKS MONTAGGIO E CABLAGGIO



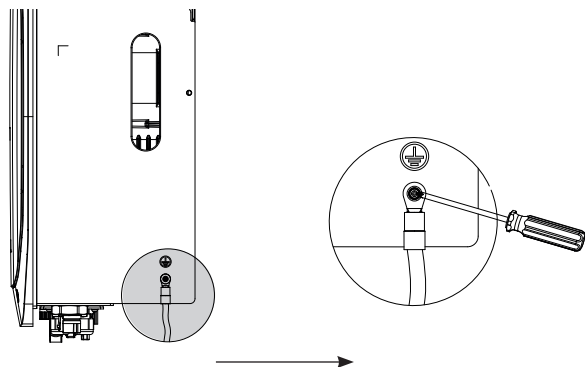
INVERTER MONTAGGIO E CABLAGGIO



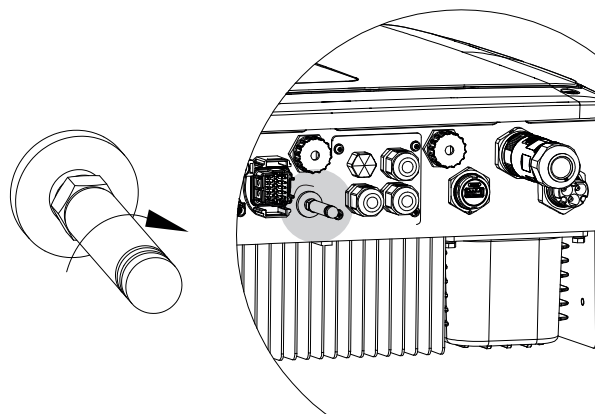
Fissare la staffa a parete **(10)** con le viti



Appendere l'inverter alla staffa e fissarlo con una vite M5

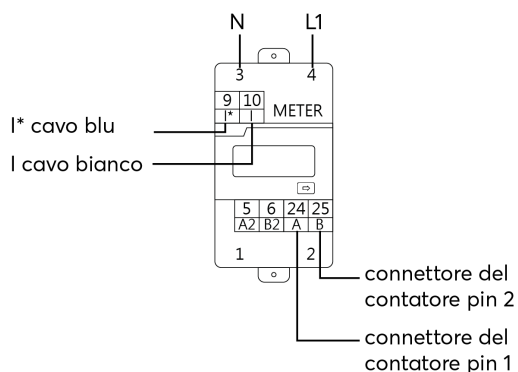


Collegare il terminale di terra tramite il capocorda **(18)**

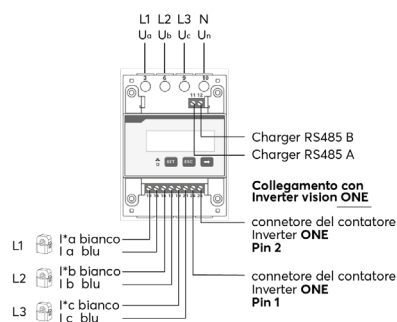


Avvitare l'antenna Bluetooth/WiFi **(17)**

CONTATORE MONTAGGIO E CABLAGGIO

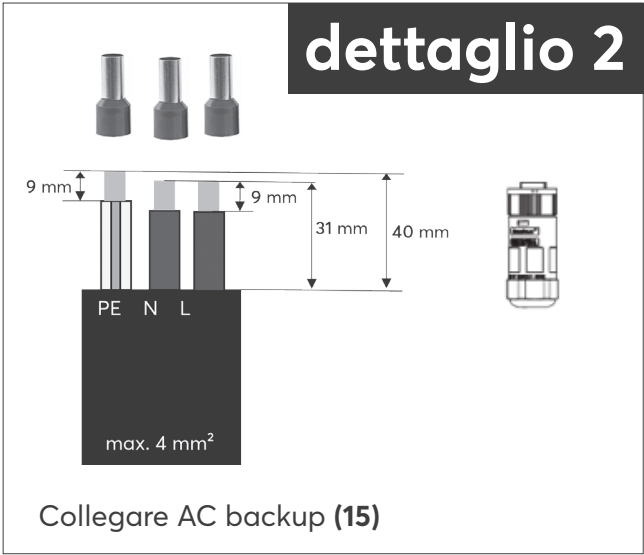
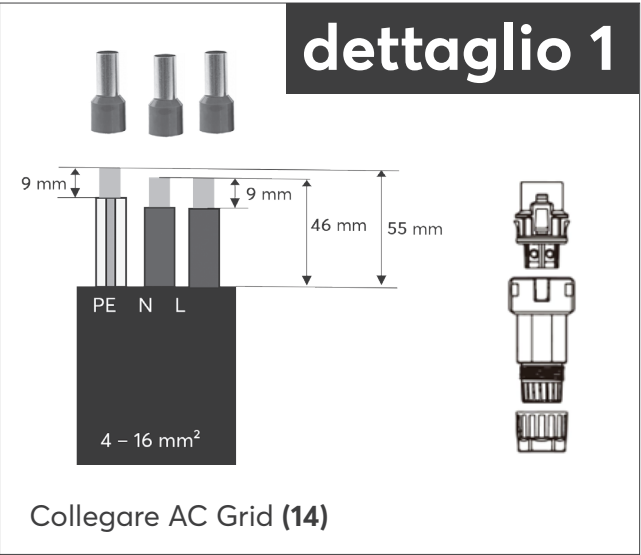
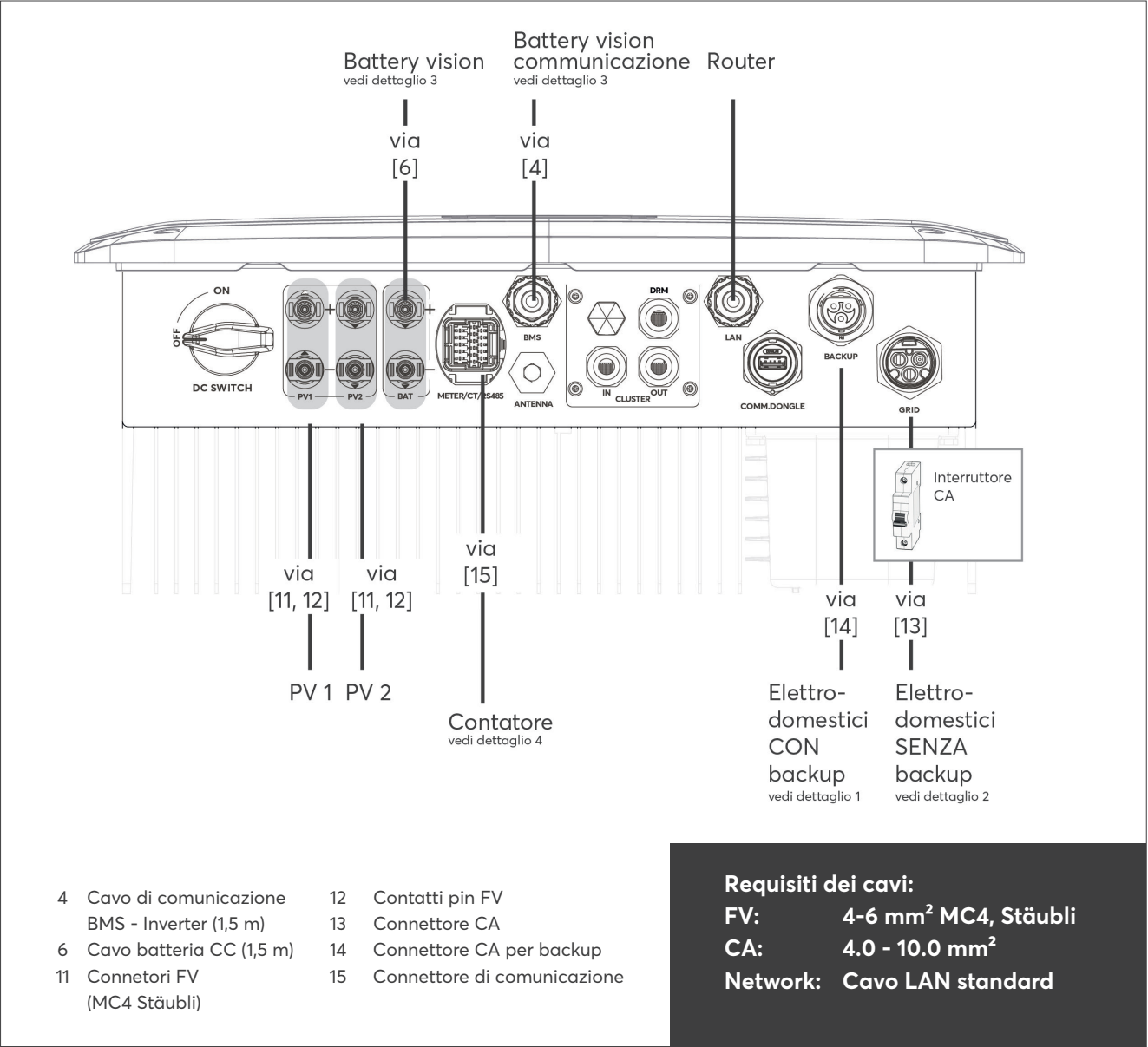


Installare il contatore monofase **(20)** sulla guida superiore dell'armadietti di casa collegare il contatore secondo lo schema di cablaggio a pag. 4

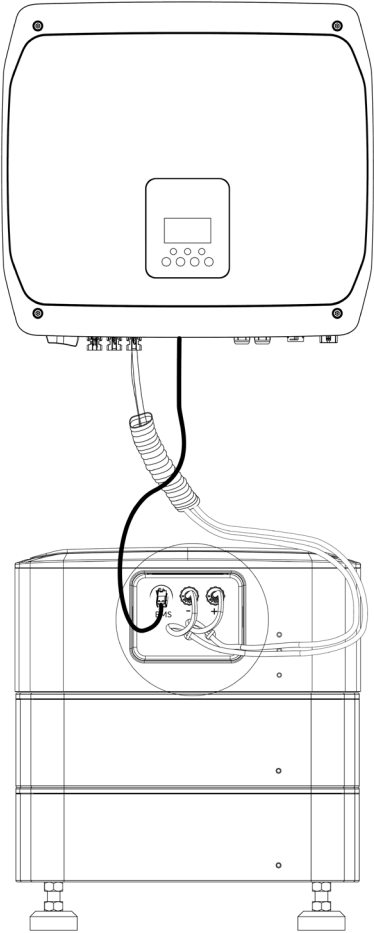


In alternativa: Installare il contatore trifase (che può essere ordinato a Solarwatt) sulla guida superiore dell'armadietti di casa collegare il contatore secondo lo schema di cablaggio a pag. 5

CABLAGGIO DELL'INVERTER



dettaglio 1

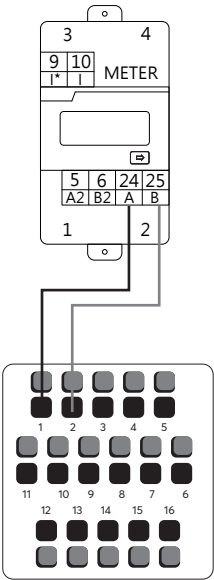


Collegare la batteria (6, 4)

dettaglio 2a

PIN del contatore	B/25	A/24
PIN adattatore	2	1

(Vista dal lato delle connessioni)

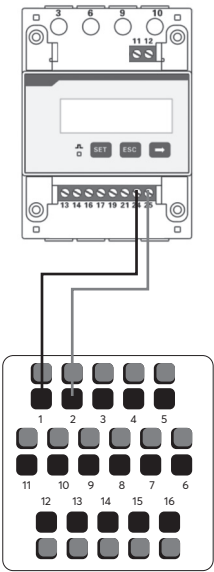


Collegare il contatore monofase (15)

dettaglio 2b

PIN del contatore	B/25	A/24
PIN adattatore	2	1

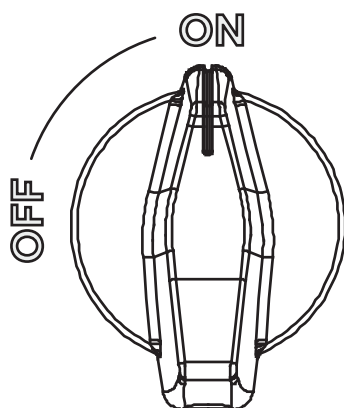
(Vista dal lato delle connessioni)



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

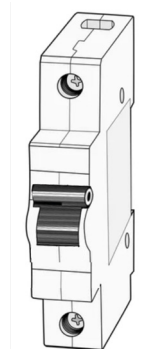
AVVIO DEL SISTEMA

1



Accendere l'interruttore DC dell'inverter

2



Accendere

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

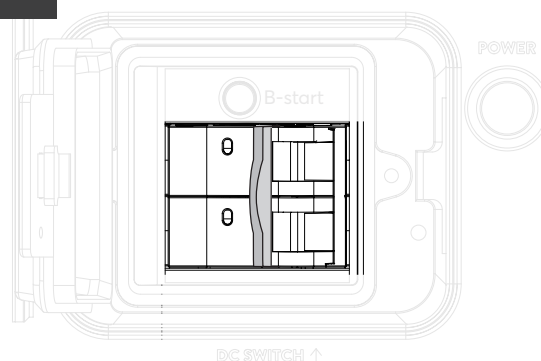
3



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

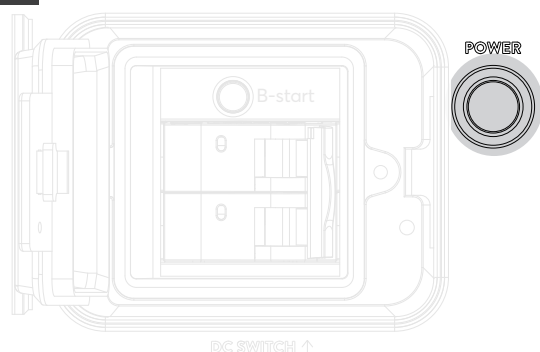
- impostare il codice della rete per la sicurezza della rete
- impostare l'ora
- selezionare START

4



Accendere l'interruttore CC 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 PRO APP



Scaricare l'app Pro app e accedere con il proprio account Pro

Funzioni di messa in servizio della Pro app:

Inverter vision

- Rendere il dispositivo collegabile via WiFi
- Scaricare il protocollo di Autotest CEI 0-21 (Italia)
- Impostazione Cos φ
- Limitare la potenza apparente Ingresso AC

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 Pro app per utilizzare queste funzioni

SPEGNIMENTO DEL SISTEMA

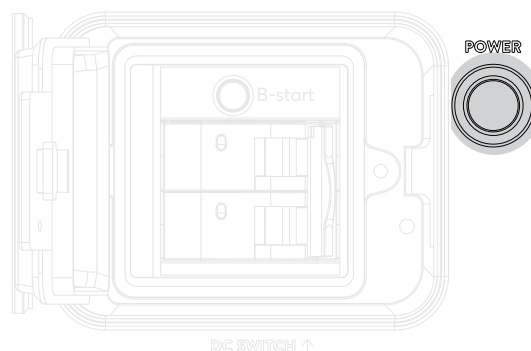
1



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

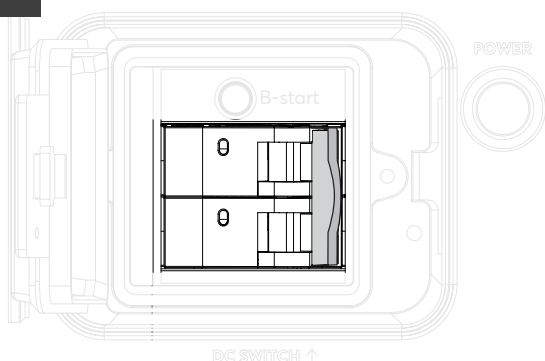
- selezionare STOP

2



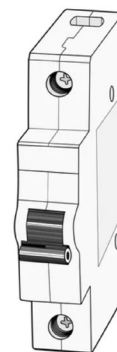
Premere il pulsante POWER (top pack)

3



Spegnere l'interruttore CC della batteria (top pack)

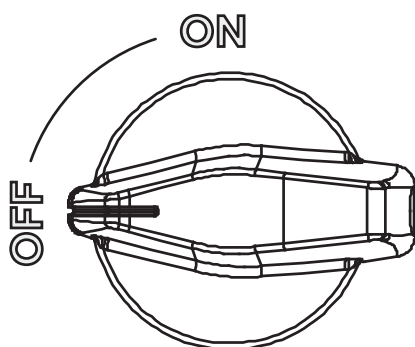
4



Spegnere

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

5

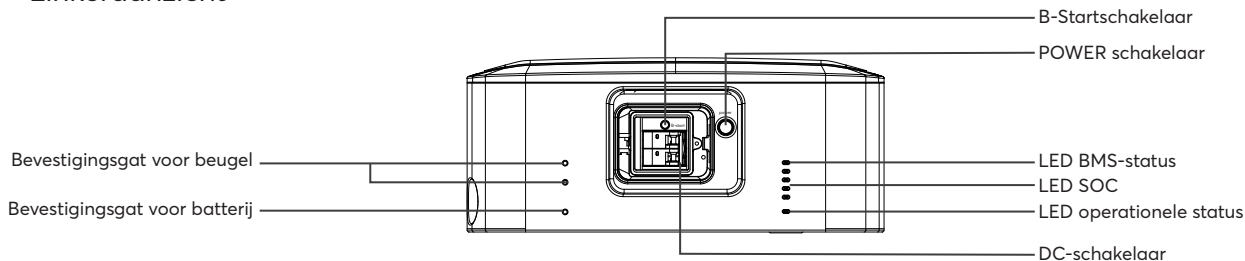


Disattivare l'interruttore CC dell'inverter

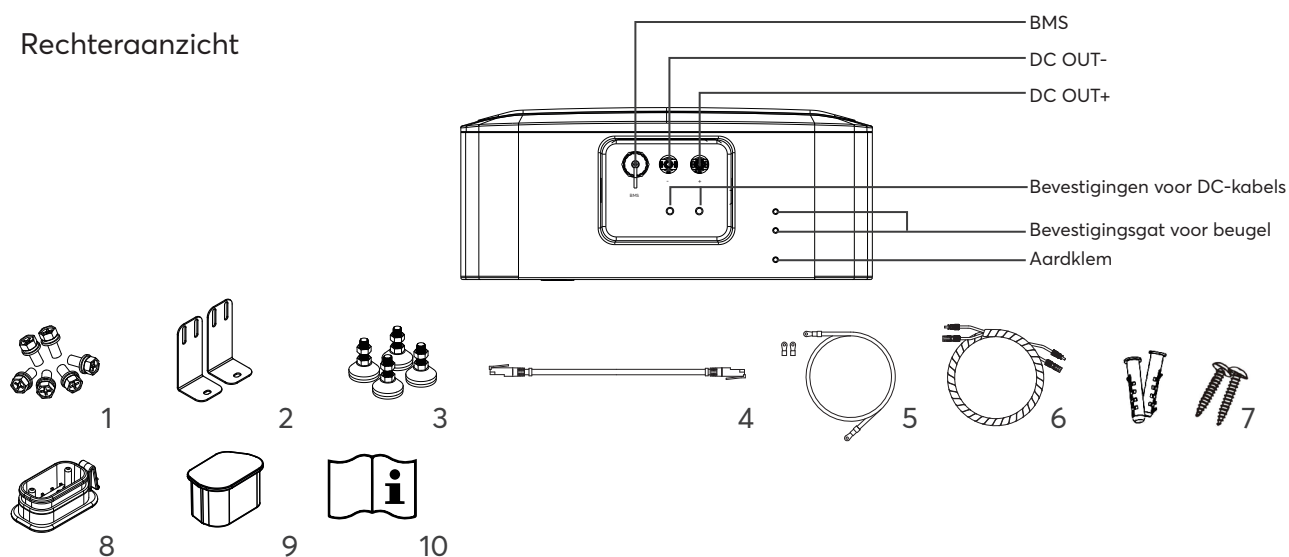
TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Battery vision top pack 1.0 (2.6 kWh)

Linkeraanzicht

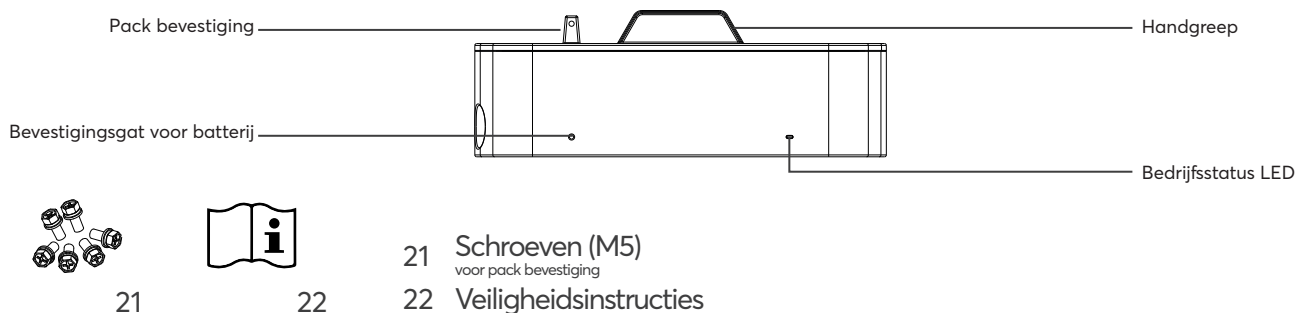


Rechteraanzicht



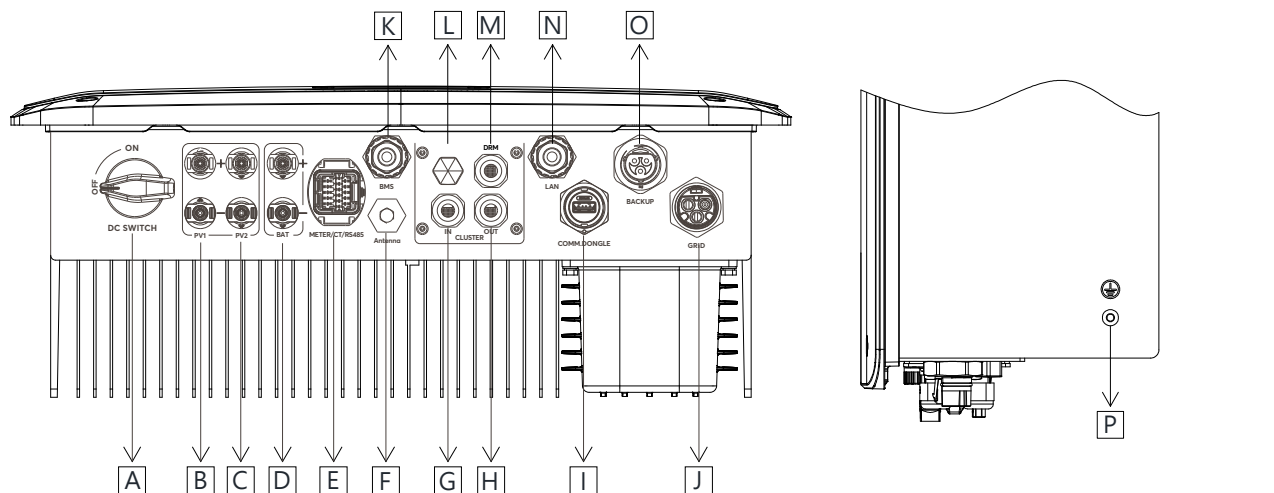
- | | | |
|---|--|-------------------------|
| 1 Schroeven (M5)
voor pack bevestiging en beugel bevestiging | 5 Aardingskabel
(met extra kabelschoenen) | 9 Beschermkap connector |
| 2 Bevestigingsbeugel | 6 DC kabel batterij (1,5 m) | 10 Snelstartgids |
| 3 Voetsteun | 7 Schroeven voor muurbevestiging | Veiligheidsinstructies |
| 4 Communicatiekabel
BMS - Omvormer (1,5 m) | 8 Brugconnector | |

Battery vision pack 1.0 (2.6 kWh)

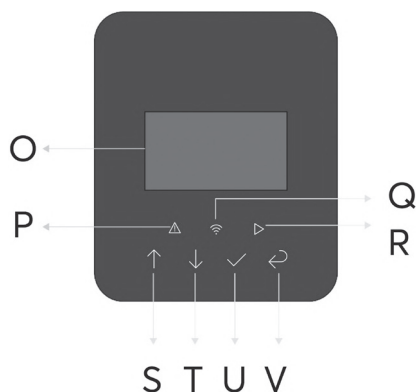
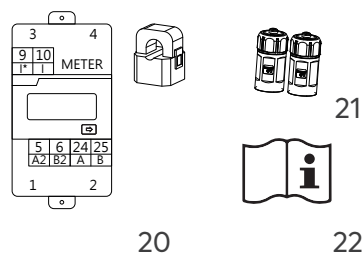
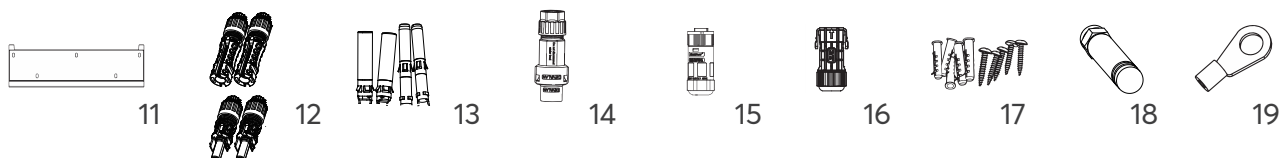


TEKENINGEN EN PAKLIJSTEN VAN HET APPARAAT

Inverter vision one 1.0



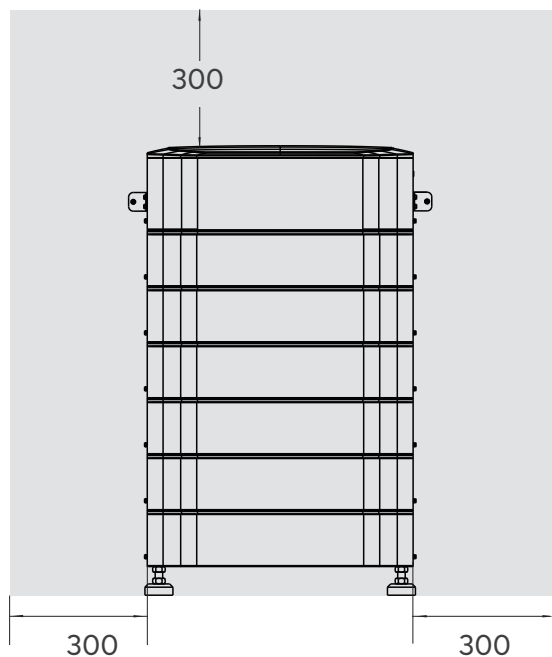
- | | | |
|----------------------|--------------------------|-----------|
| A DC SCHAKELAAR | G CLUSTER IN | M DRM |
| B PV 1 | H CLUSTER OUT | N LAN |
| C PV 2 | I COMM. DONGLE | O BACKUP |
| D BATTERIJCONNECTOR | J NET | P AARDING |
| E Meter / CT / RS485 | K BMS | |
| F BLUETOOTH/WIFI | L WATERDICHT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



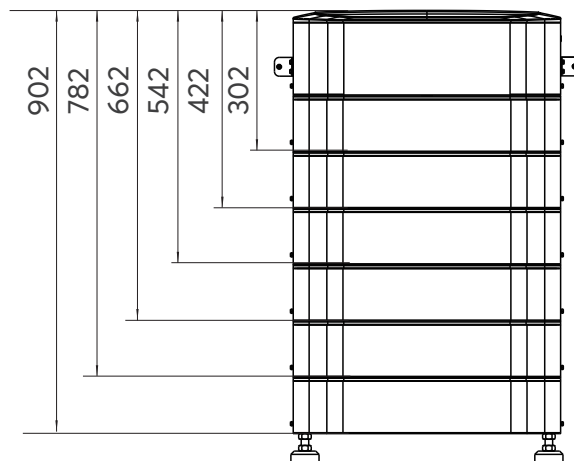
Extra apparatuur vereist:

- 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]

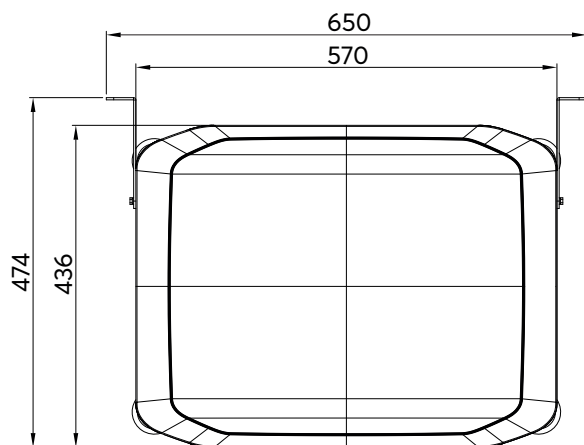


Minimale installatieruimte
(min. werkgebied aan voorzijde: 1.200)

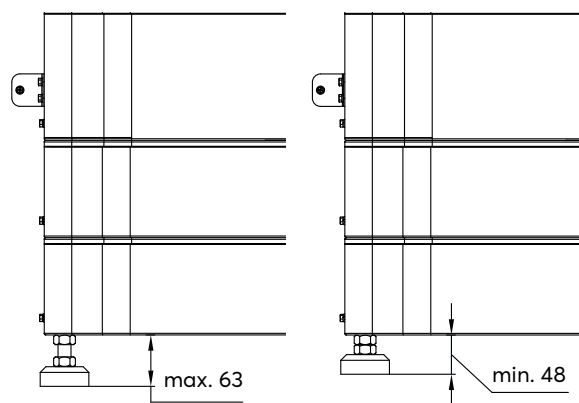


Hoogte installatie
(zonder voetsteunen)

(bovenaanzicht)

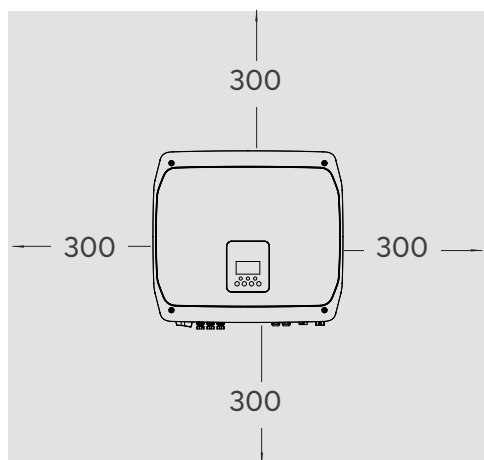


Installatiebreedte, -diepte
Afstand tot de muur: 38 mm

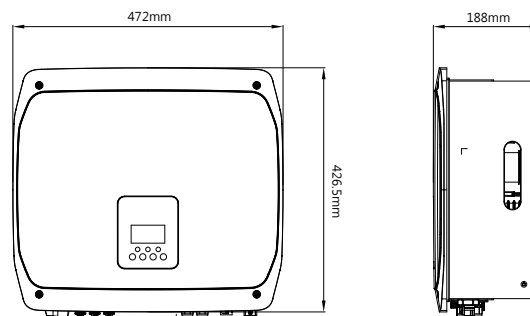


Flexibele afstand tot de vloer

AFMETINGEN INVERTER VISION ONE [MM]



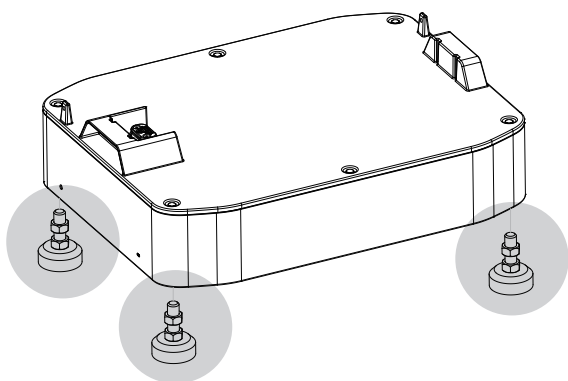
Minimale installatieruimte
(min. werkgebied aan voorzijde: 1.200)



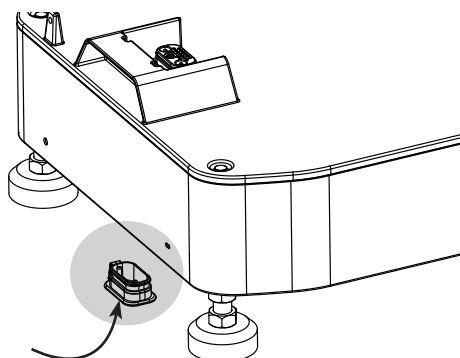
1,5 m afstand
tot batterij

Standaard kabellengte
batterijaansluiting: 1,5 m

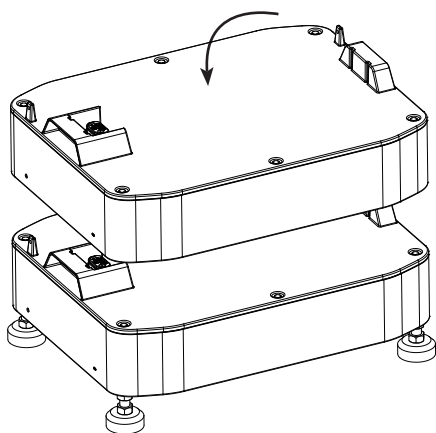
BATTERY PACKS MONTAGE EN BEDRADING



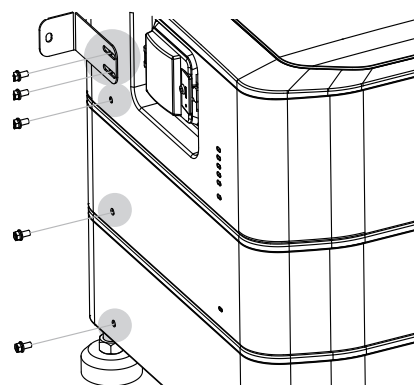
Voorzie de onderste module van vier voetsteunen **(3)**
(voetsteunen worden meegeleverd in de doos van het top pack)



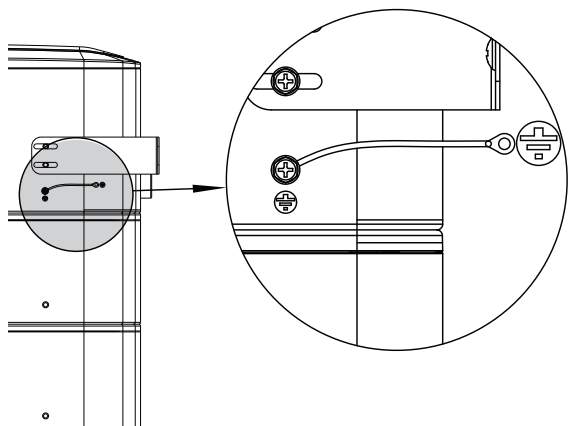
Plaats waterdichte afdekking **(8)**
(afdekking wordt meegeleverd in de doos van het top pack)



Packs stapelen, stapel het top pack als laatste

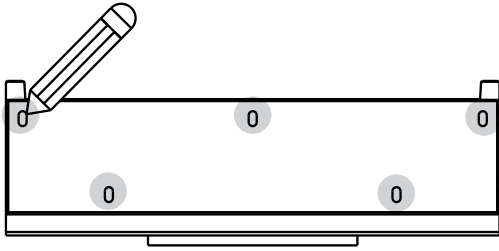


Bevestig het top pack eerst met de bevestigingsbeugel **(2)** en bevestig de packs vervolgens met de schroeven **(1)**

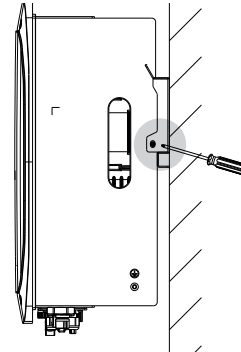


Aardingskabel aansluiten **(5)**

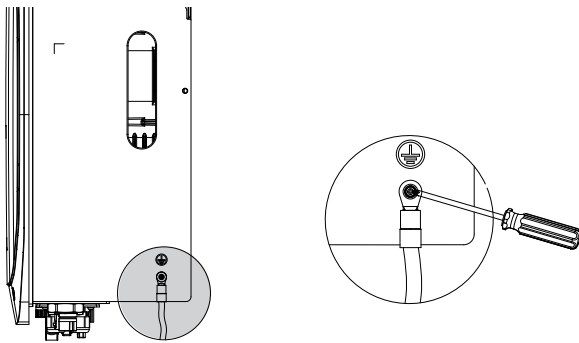
INVERTER MONTEREN EN BEDRADEN



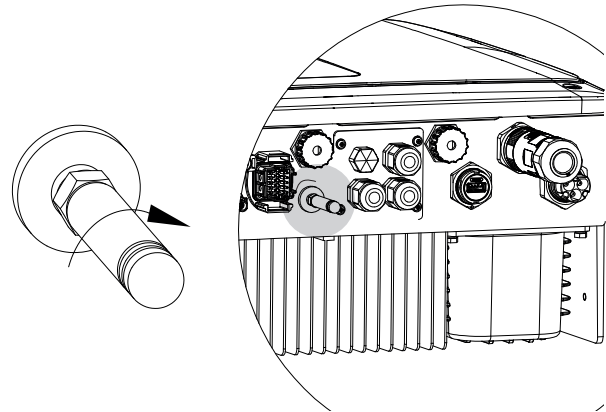
Bevestig muurbeugel (10) met schroeven



Hang de omvormer over de beugel, bevestig met een M5-schroef

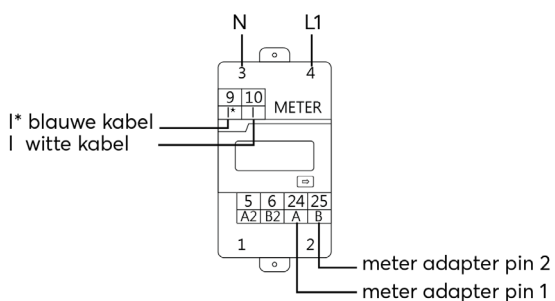


Aardklem aansluiten via kabelschoen (17)

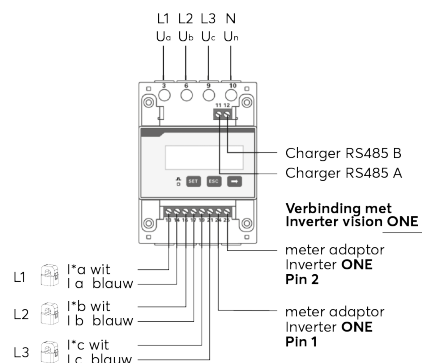


Schroef de antenne Bluetooth/WiFi vast (17)

METER MONTEREN EN BEDRADEN

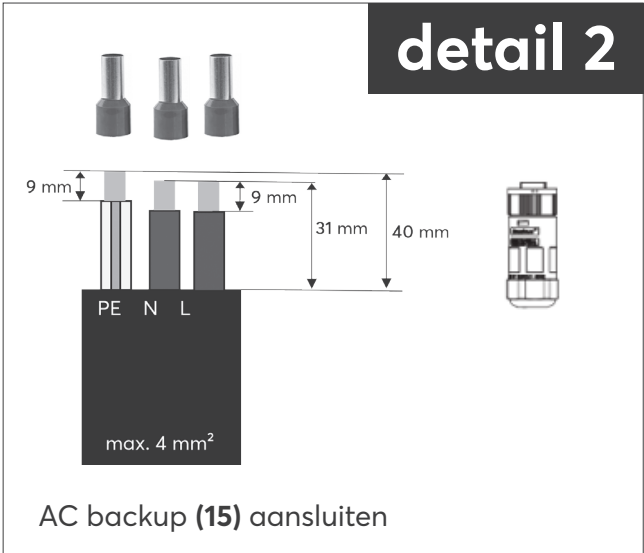
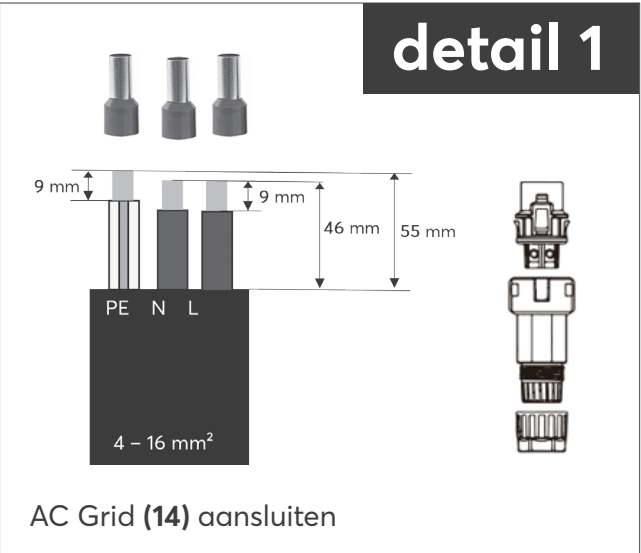
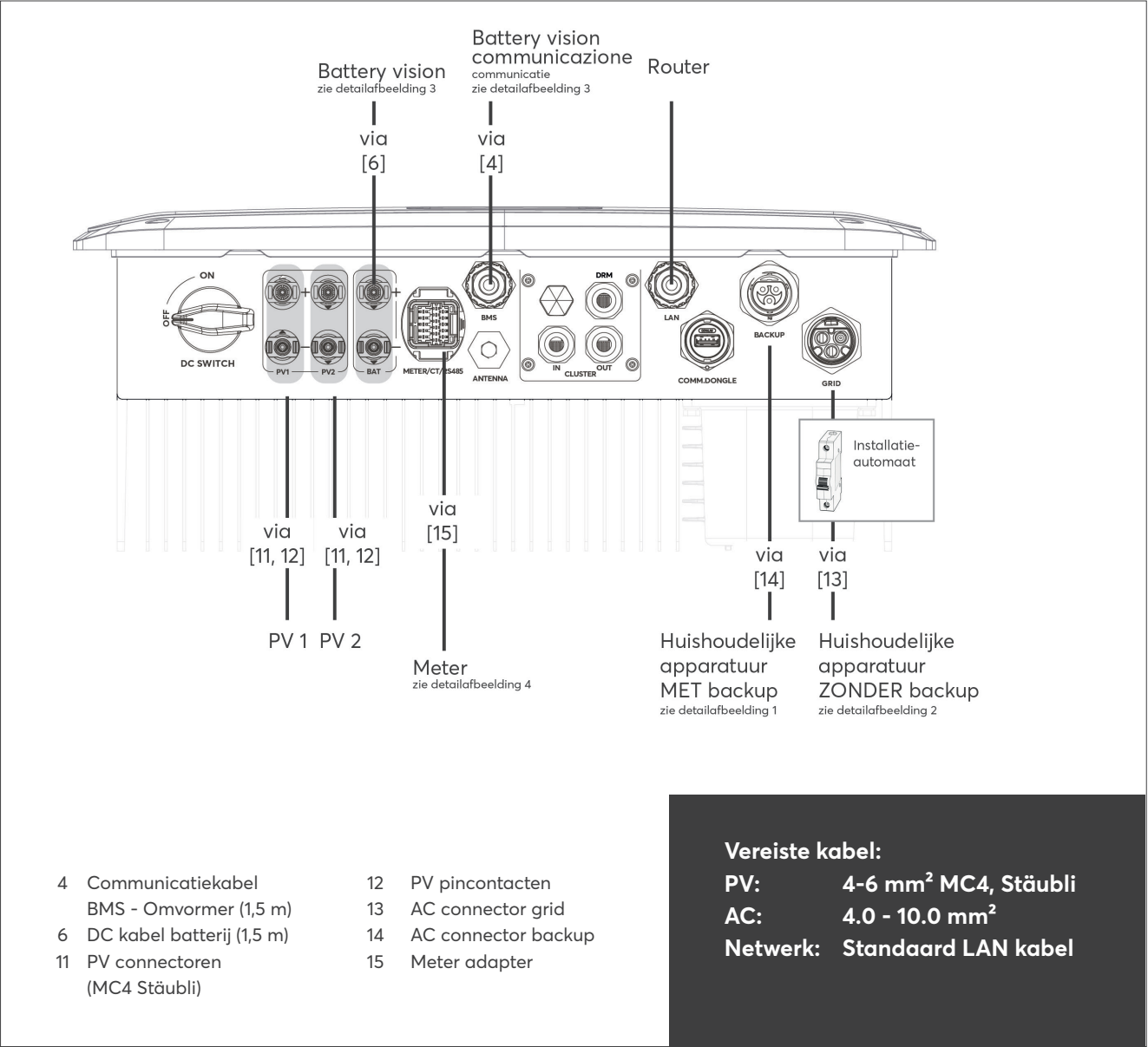


Installeer de eenfasemeter (20) op de bovenste hoedrail van de huishoudkast sluit de meter aan volgens het aansluitschema p. 4

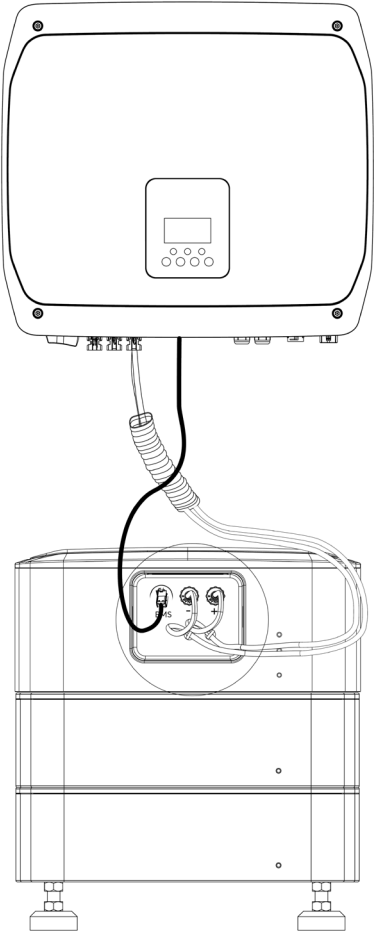


Alternatief: Installeer de driefasemeter (te bestellen bij Solarwatt) op de hoedrail van de huishoudkast, sluit de meter aan volgens het aansluitschema p. 5

BEDRADING INVERTER

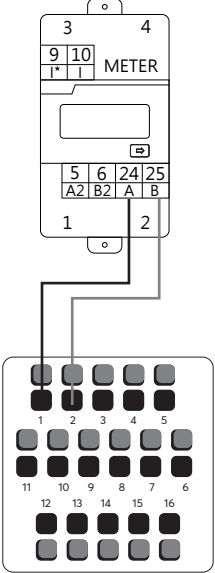


detail 1



Batterij aansluiten (6, 4)

detail 2a

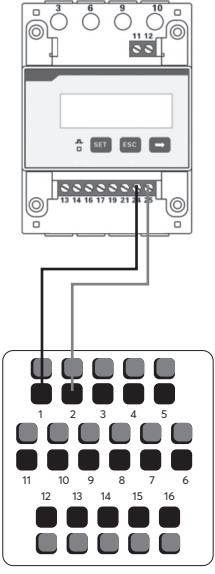


PIN van de meter	B/25	A/24
PIN van de adapter	2	1

(Zicht vanaf de kant van de verbindingen)

Verbind eenfasemeter (15)

detail 2b



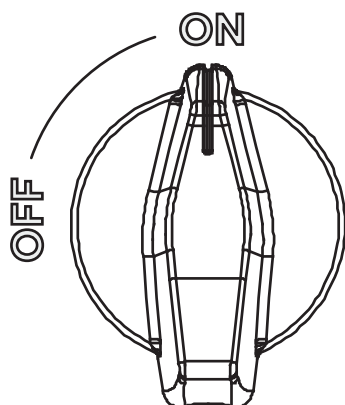
PIN van de meter	B/25	A/24
PIN van de adapter	2	1

(Zicht vanaf de kant van de verbindingen)

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

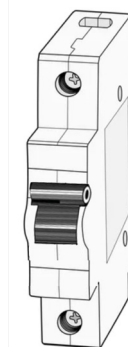
SYSTEEM OPSTARTEN

1



Draai de DC-schakelaar van de omvormer naar ON

2



Inschakelen:

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

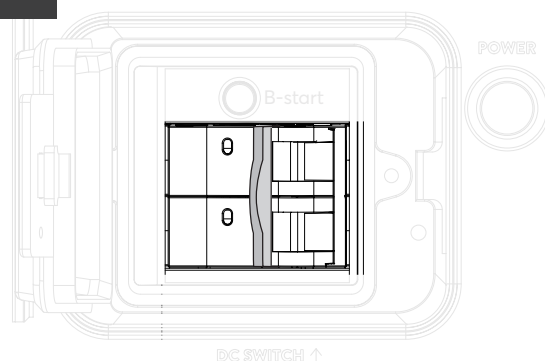
3



Druk 3 sec. op de bevestigingsknop van de omvormer ☒.

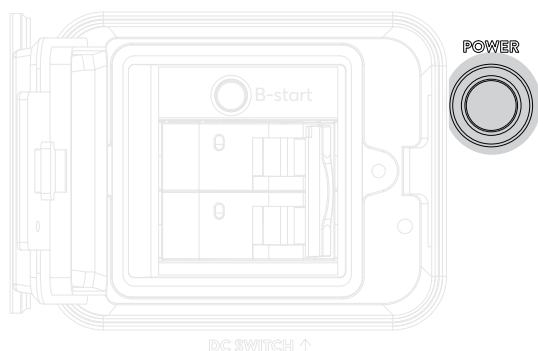
- gridcode instellen voor netveiligheid
- tijd instellen
- selecteer START

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.

PRO APP BINDING



Download Pro app en log in met je Pro account

Pro app Pro app inbedrijfstellingsfuncties:

Inverter vision

- Verbind het apparaat via WiFi
- Download CEI 0-21 zelftestprotocol (Italië)
- Cos φ instellen
- Schijnbaar vermogen AC-ingang beperken

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 Pro app om deze functies te gebruiken

SYSTEEM UITSCHAKELEN

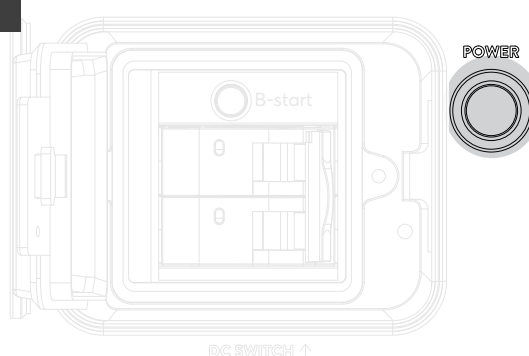
1



Druk 3 sec. op de bevestigingsknop van de omvormer ☒.

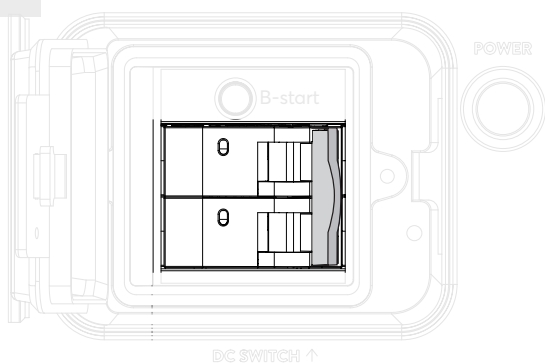
- STOP selecteren

2



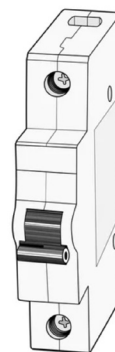
Druk op de POWER-knop van de accu (top pack)

3



Zet batterij DC schakelaar (top pack) op OFF

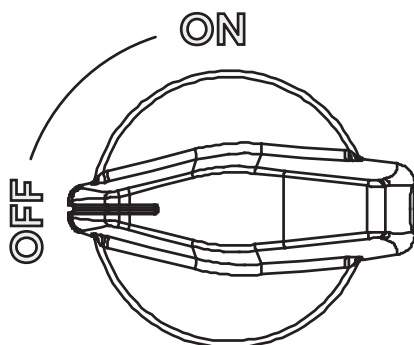
4



Uitschakelen

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

5

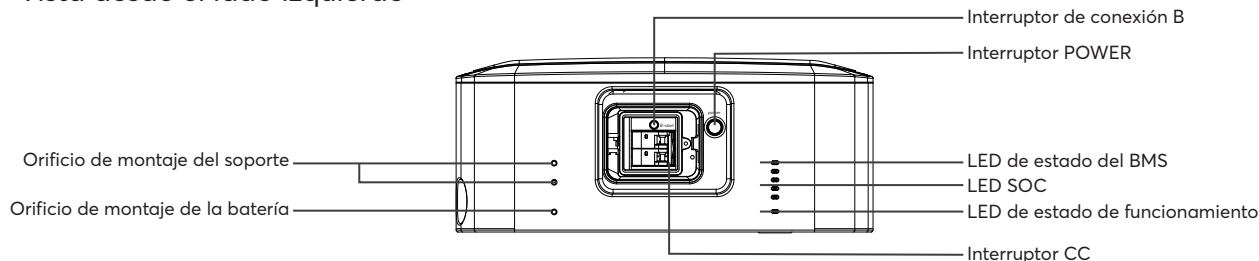


Draai de DC-schakelaar van de omvormer naar OFF

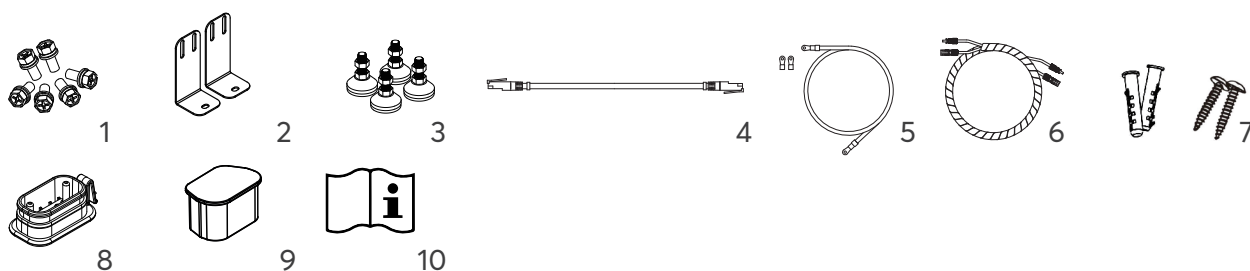
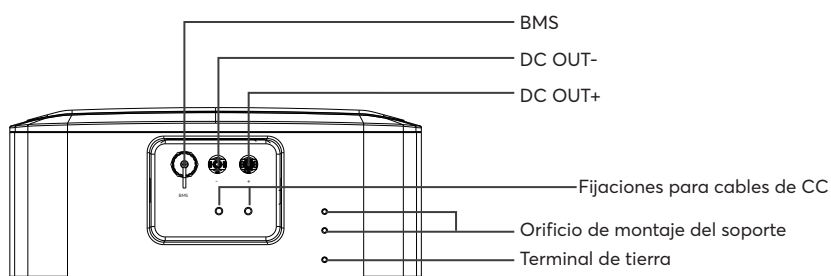
VISTA DEL DISPOSITIVO Y LISTAS DE COMPONENTES

Battery vision top pack 1.0 (2.6 kWh)

Vista desde el lado izquierdo

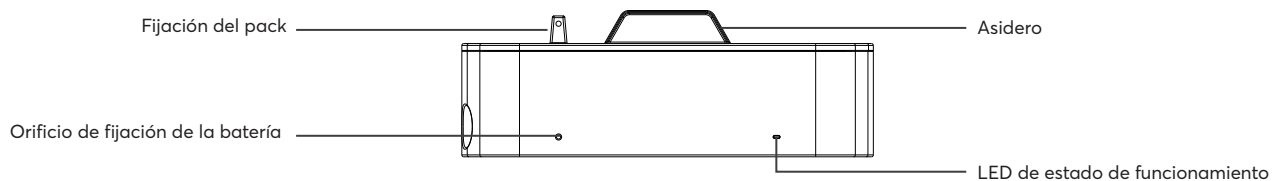


Vista desde el lado derecho



- | | | |
|---|---|---------------------------------------|
| 1 Tornillos (M5) para fijación del pack y los soportes de anclaje | 5 Cable Puesta a Tierra (con abrazaderas) | 9 Cubierta de protección del conector |
| 2 Soportes de anclaje | 6 Cable DC de batería (1,5 m) | 10 Guía rápida de instalación |
| 3 Pies/soporte | 7 Tornillos para fijación en pared | Instrucciones de seguridad |
| 4 Cable de comunicación BMS - Inversor (1,5 m) | 8 Conector de puente | |

Battery vision pack 1.0 (2.6 kWh)



21

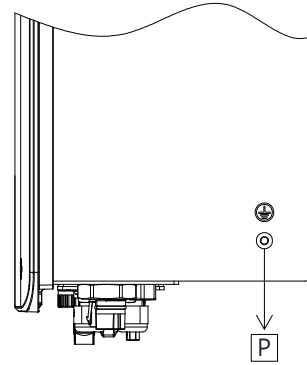


22

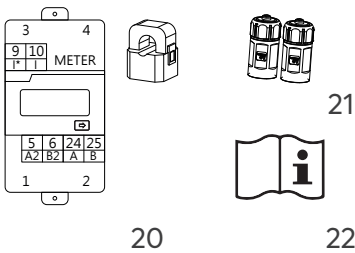
- 21 Tornillos (M5) para fijación de pack
- 22 Instrucciones de seguridad

Inverter vision one 1.0

Diagram of the rear panel of the 1000 Series Transceiver. The panel includes a DC SWITCH, PWR, PUL, ANT, METER (CT/150AHS), Antenna, BMS, DBM, IN, OUT, LAN, COMB. DONGLE, BACKUP, and GRID connectors. Callouts K through O point to specific connectors, and A through J point to specific pins on the bottom connector row.



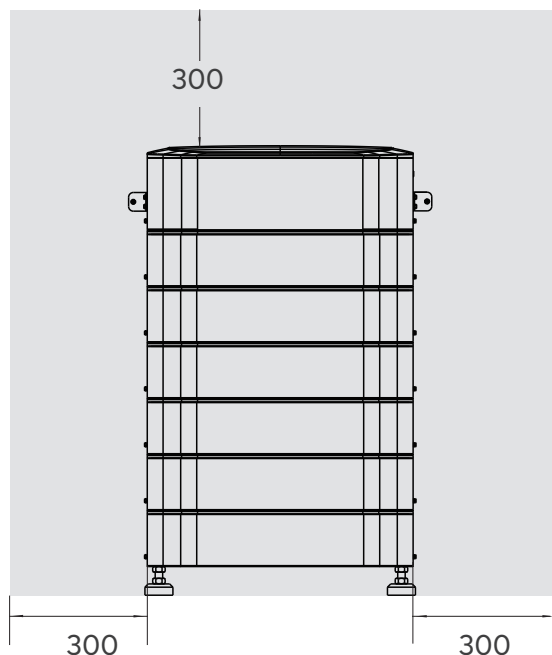
-
- Technical drawings of various accessories for the 1000 Series, numbered 11 through 19:
- 11: A long, thin rectangular component with four small circular features.
 - 12: Two thick, black, cylindrical components with a textured surface.
 - 13: Two white, rectangular components with a textured surface.
 - 14: A white, rectangular component with a textured surface and a small circular feature.
 - 15: A white, rectangular component with a textured surface and a small circular feature.
 - 16: A white, rectangular component with a textured surface and a small circular feature.
 - 17: A set of four white, rectangular components with a textured surface.
 - 18: A white, cylindrical component with a textured surface.
 - 19: A white, L-shaped component with a textured surface.



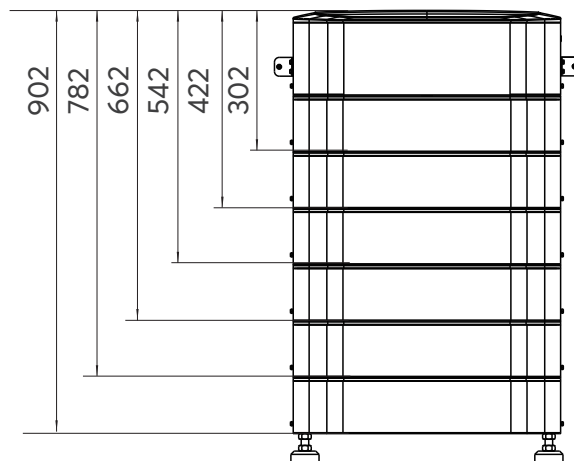
-
- A diagram of a black box system. It consists of a dark gray rounded rectangle with a lighter gray rectangle inside. Below the rectangle are four input labels: S, T, U, and V. Above the rectangle are four output labels: O, P, Q, and R. Arrows indicate the flow of information: S points up to the box, T points down from the box, U points down from the box, and V points down from the box. On the left, an arrow points from the box to O, and another from the box to P. On the right, an arrow points from the box to Q, and another from the box to R. Inside the box, there are four small symbols: a triangle, a circle with a dot, a checkmark, and a curved arrow, each connected to an input or output line.

- #06076 | Rev 5 | 19.11.2024

DIMENSIONES BATTERY VISION [MM]

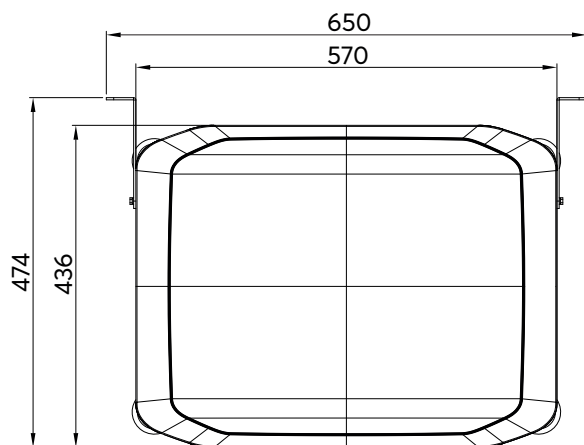


Espacio mínimo de instalación
(área de trabajo mínima delante: 1.200)

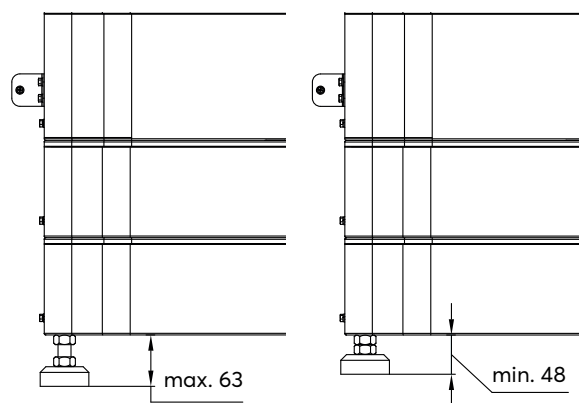


Altura de instalación
(sin pies de apoyo)

(vista desde arriba)

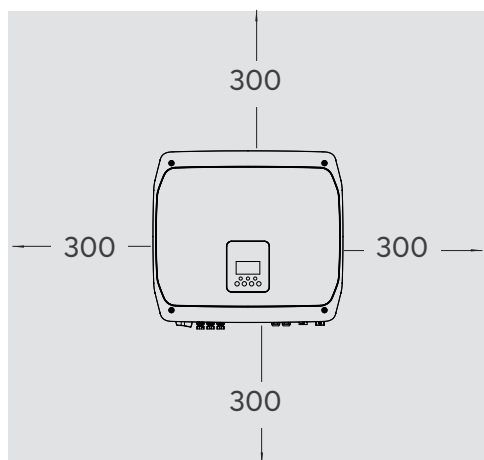


Anchura, profundidad de instalación
Distancia a la pared: 38 mm

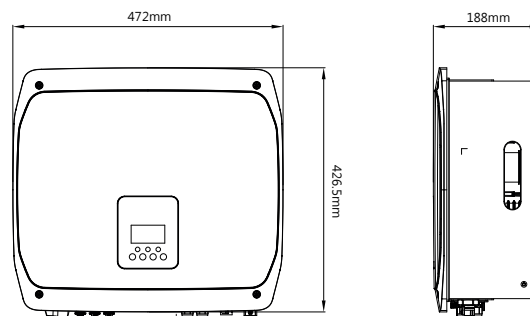


Distancia ajustable al suelo

DIMENSIONES INVERTER VISION ONE [MM]



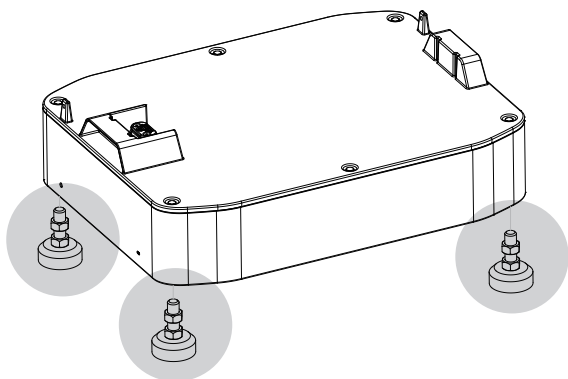
Espacio mínimo de instalación
(área de trabajo mínima delante: 1.200)



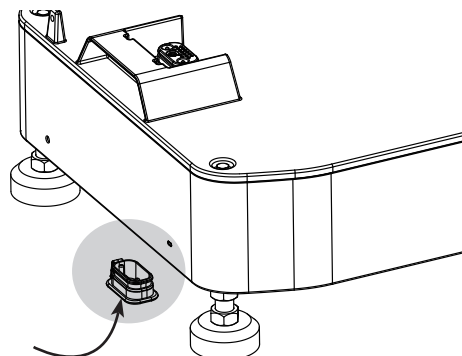
1,5 m de
distancia
a la batería

Longitud estándar del
cable de conexión a la
batería: 1,5 m

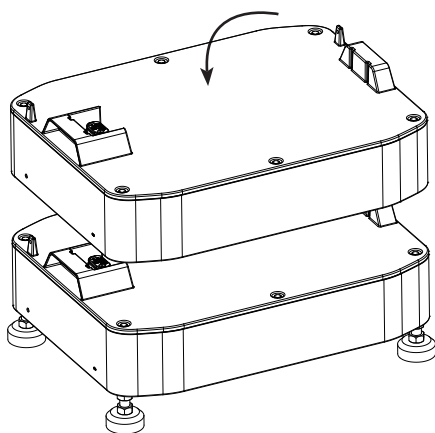
MONTAJE Y CABLEADO DE BATTERY PACKS



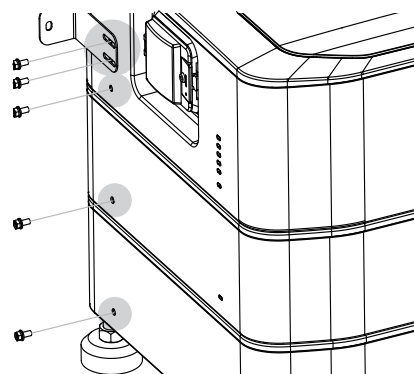
Instalar los cuatro pies de apoyo **(3)** en el módulo inferior
(los pies de apoyo se incluyen en la caja del top pack)



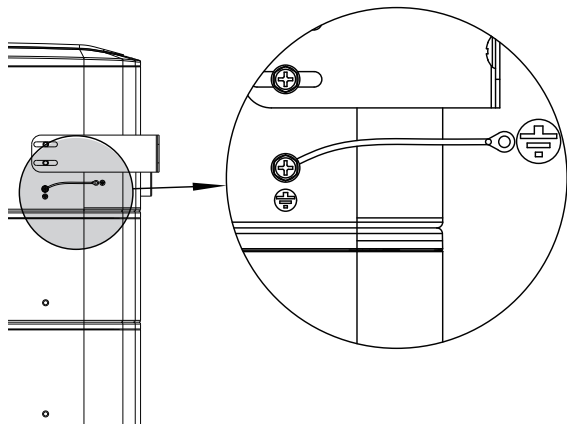
Inserte la cubierta impermeable **(8)**
(los pies de apoyo se incluyen en la caja del top pack)



Apilar los packs, apila el top pack en último lugar

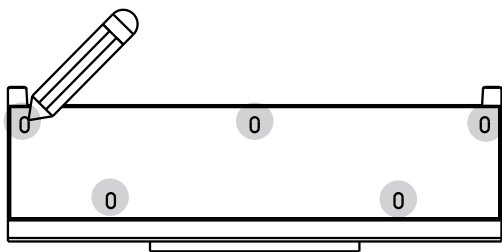


Fije primero el top pack con el soporte de fijación **(2)** y, a continuación, fije los packs con tornillos **(1)**

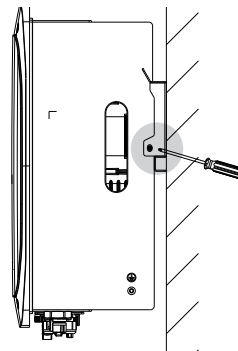


Conecte el cable de tierra **(5)**

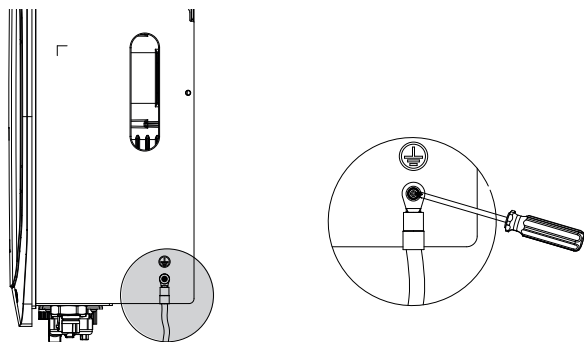
MONTAJE Y CABLEADO DEL INVERSOR



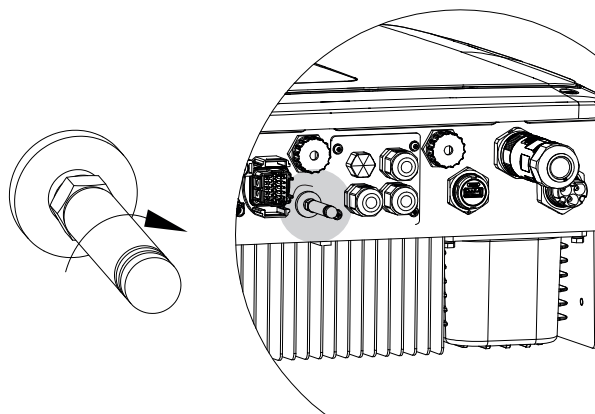
Fije el soporte de pared **(10)** con tornillos



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

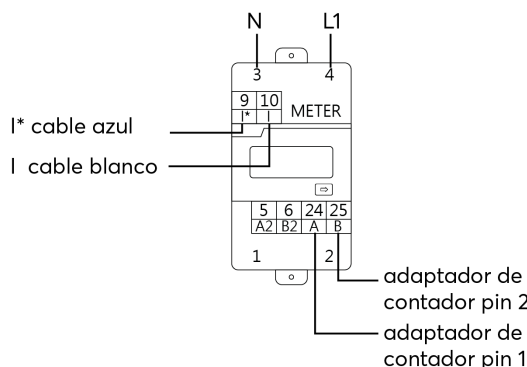


Conecte el terminal de tierra mediante el terminal de cable **(18)**

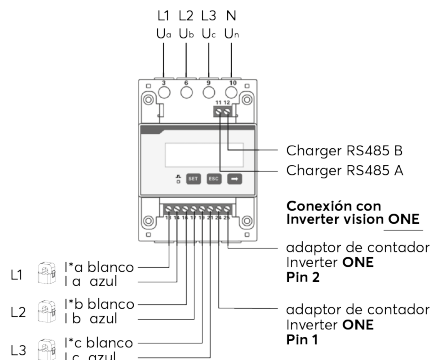


Atornillar la antena Bluetooth/WiFi **(17)**

MONTAJE Y CABLEADO DEL METER

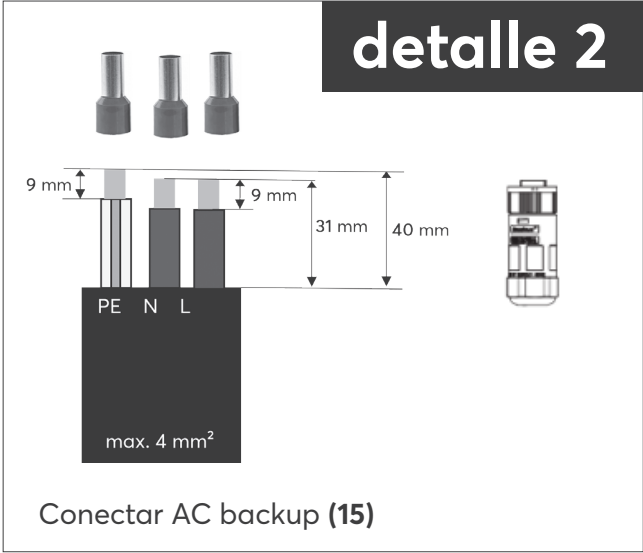
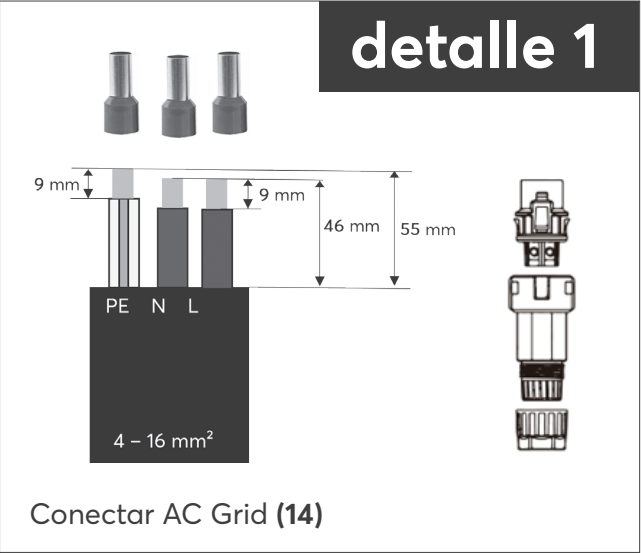
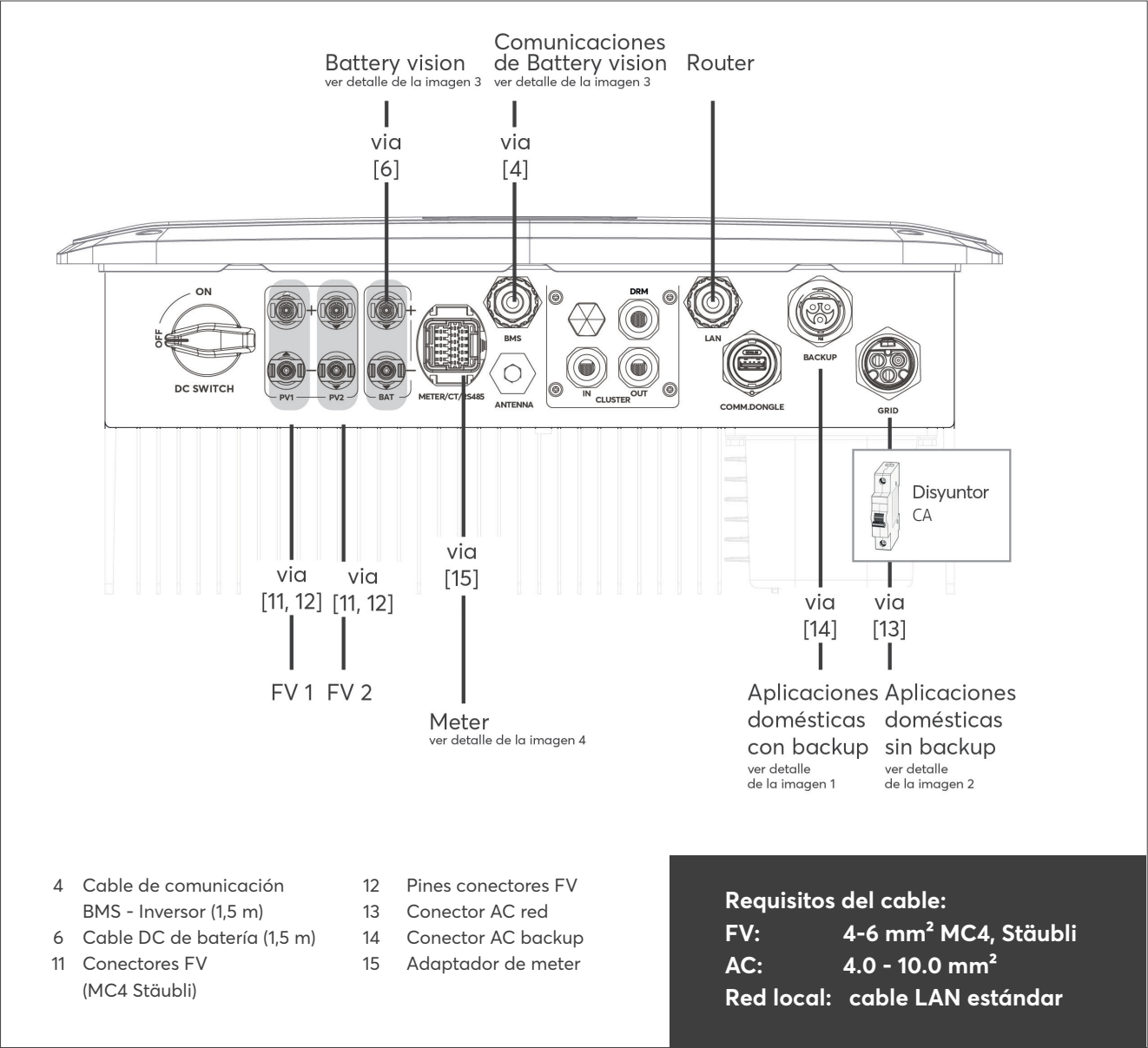


Monte el meter monofásico **(20)** en el riel superior del armario doméstico
Conecte el meter según el esquema eléctrico de la página 4



Alternativa: Monte el meter trifásico (se puede pedir a Solarwatt) en el riel superior del armario doméstico, conecte el contador según el esquema de conexiones p. 5

CONEXIONES DEL INVERSOR



detalle 1

Conectar batería (6, 4)

detalle 2a

PIN meter	B/25	A/24
PIN adaptador	2	1

(Vista desde el lado de las conexiones)

Conectar el meter monofásico (15)

detalle 2b

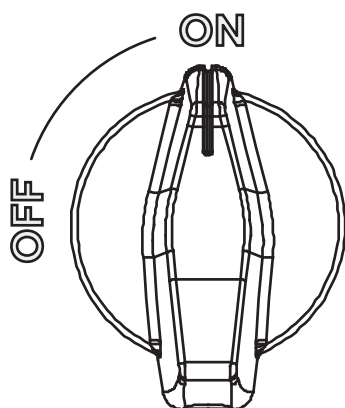
PIN meter	B/25	A/24
PIN adaptador	2	1

(Vista desde el lado de las conexiones)

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

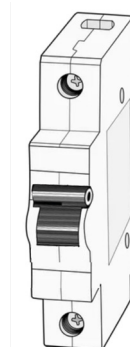
PUESTA EN MARCHA DEL SISTEMA

1



Conecte el seccionador CC del inversor (ON)

2



Conecte:

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

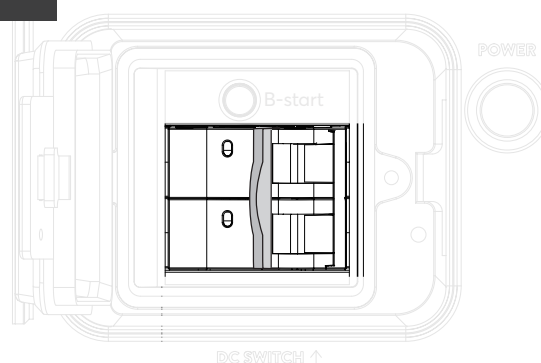
3



Pulse el botón de confirmación del inversor ☒ durante 3 seg..

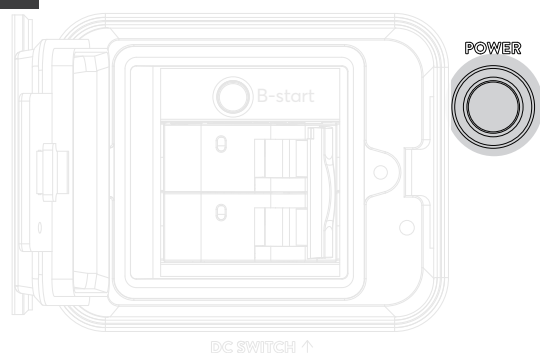
- establecer el código de red para la seguridad de la red
- ajuste hora
- seleccione START

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 PRO APP



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

Funciones de puesta en marcha de Pro app:

Inverter vision

- Posibilidad de conectar el dispositivo vía WiFi
- Descargar el protocolo de Autocomprobación CEI 0-21 (Italia)
- Configurar $\cos \varphi$
- Limitar la potencia aparente Entrada CA

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 ondulator a través de la aplicación Pro app para utilizar estas funciones

APAGADO DEL SISTEMA

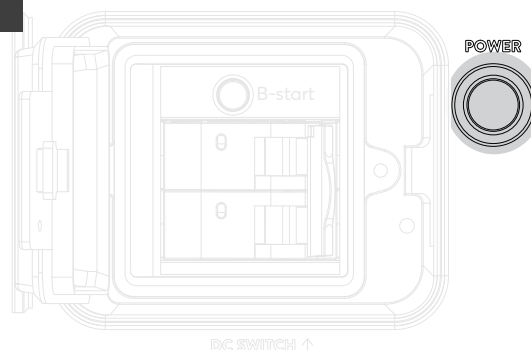
1



Pulse el botón de CONFIRMACIÓN del inversor  durante 3 seg.

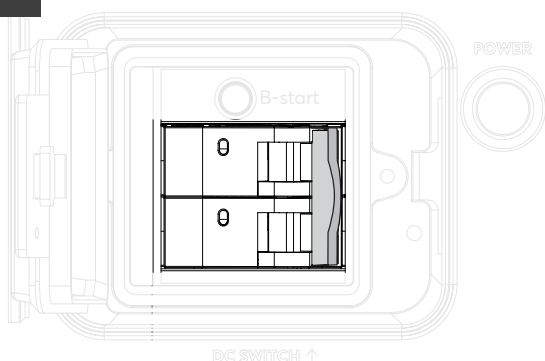
- seleccione STOP

2



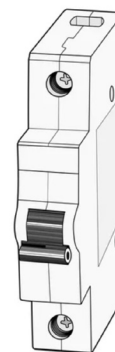
Pulse el botón POWER de la batería (top pack)

3



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

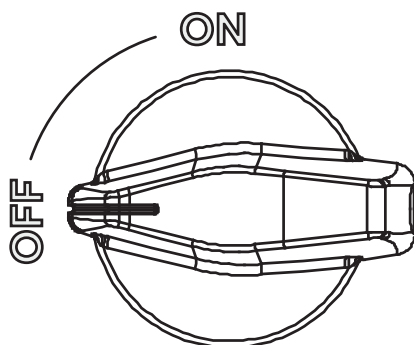
4



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.**

SOLARWATT Technologies Ltd.
Shepperton Marina
Felix Lane
Shepperton TW17 8NS

+44-203-966-1952
info.uk@solarwatt.com
www.solarwatt.co.uk

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

SOLARWATT GmbH
Maria-Reiche-Straße 2a
01109 Dresden

+49-351-8895-555
info@solarwatt.de
www.solarwatt.de

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

Solarwatt France
15 Chemin du Saquin
69130 Ecully

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

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

Solarwatt Italia S.R.L. | Viale della
Navigazione Interna n°52
35129 Padova

info.italy@solarwatt.com
solarwatt.it

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

Solarwatt BV
Morsestraat 25
4004 JP Tiel
Nederland

+31 (0)344 767 002
info.benelux@solarwatt.com
solarwatt.nl/solarwatt.be

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

Solarwatt Energy Solutions Spain S.L
Calle Real 12-B
28691 Villanueva de la Cañada
España

+34 91 7236854
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

