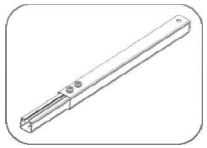
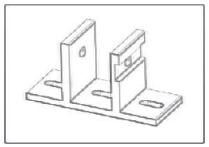
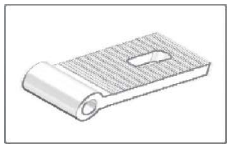
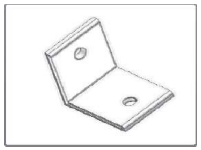
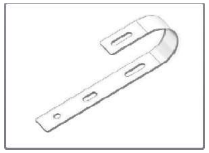
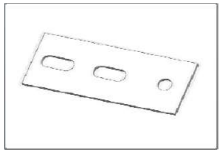
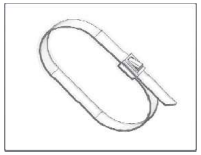
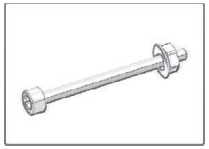
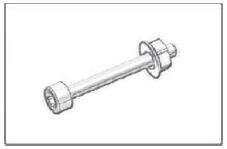
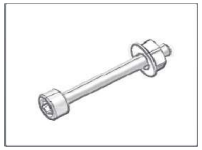
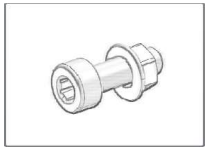
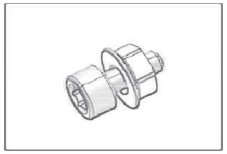
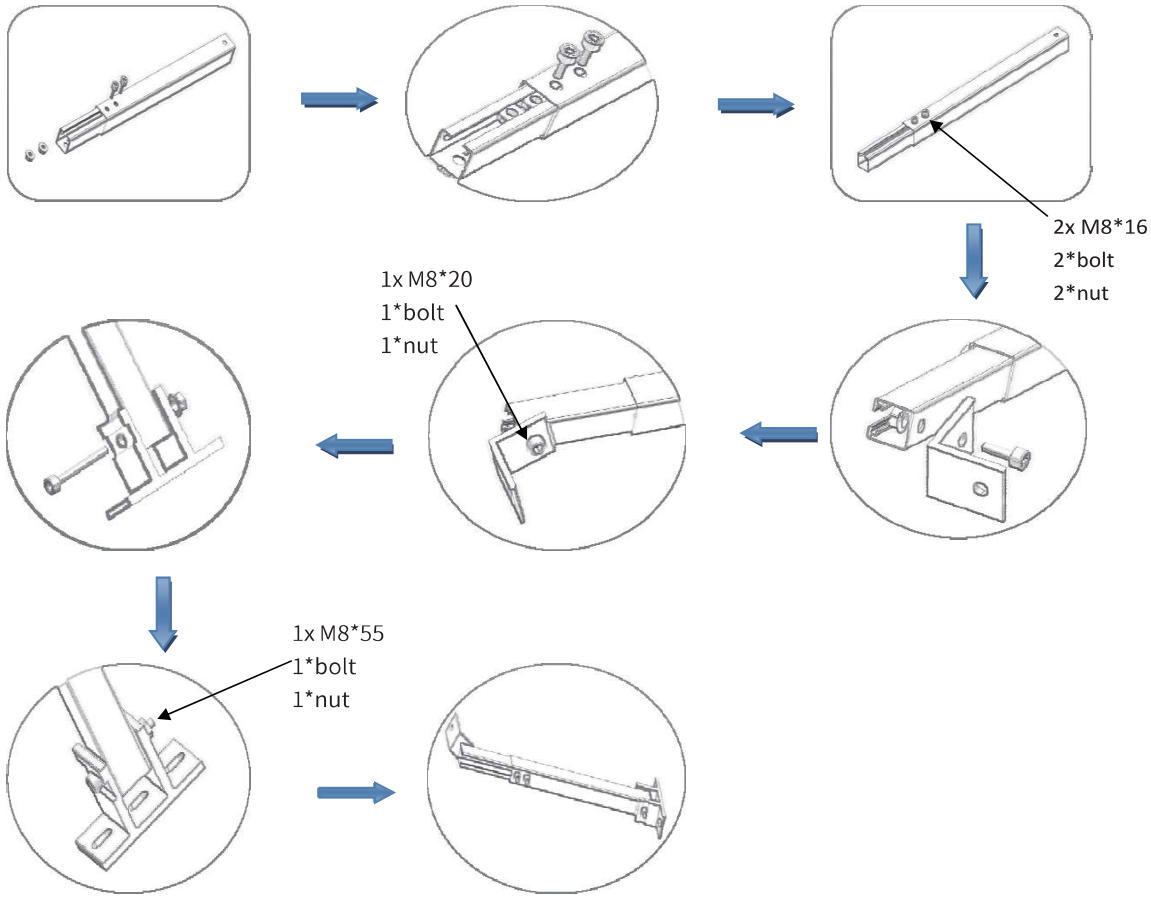
800W Solar Microinverter Suit

Quick Installation

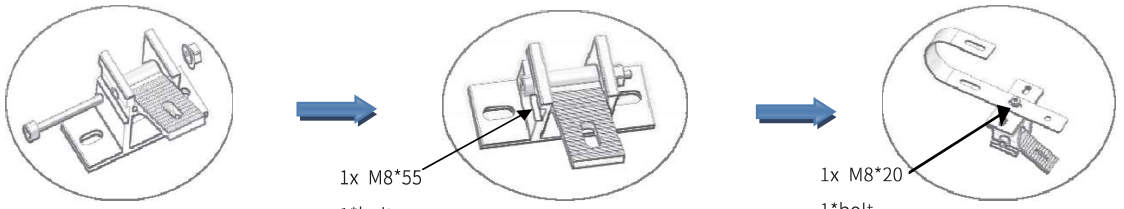
Step 1: Get the PVS Spare Parts

Telescopic rod x2 	Fixed seat x4 	Support columns x2 
Fixed Frame x2 	Round pipe hook x2 	Stainless steel set x4 
Stainless steel tie x4 	Bolt Set M8*85 x2 	Bolt Set M8*55 x4 
Bolt Set M8*45 x8 	Bolt Set M8*20 x8 	Bolt Set M8*16 x4 

Step 2: Install the Telescopic Rod

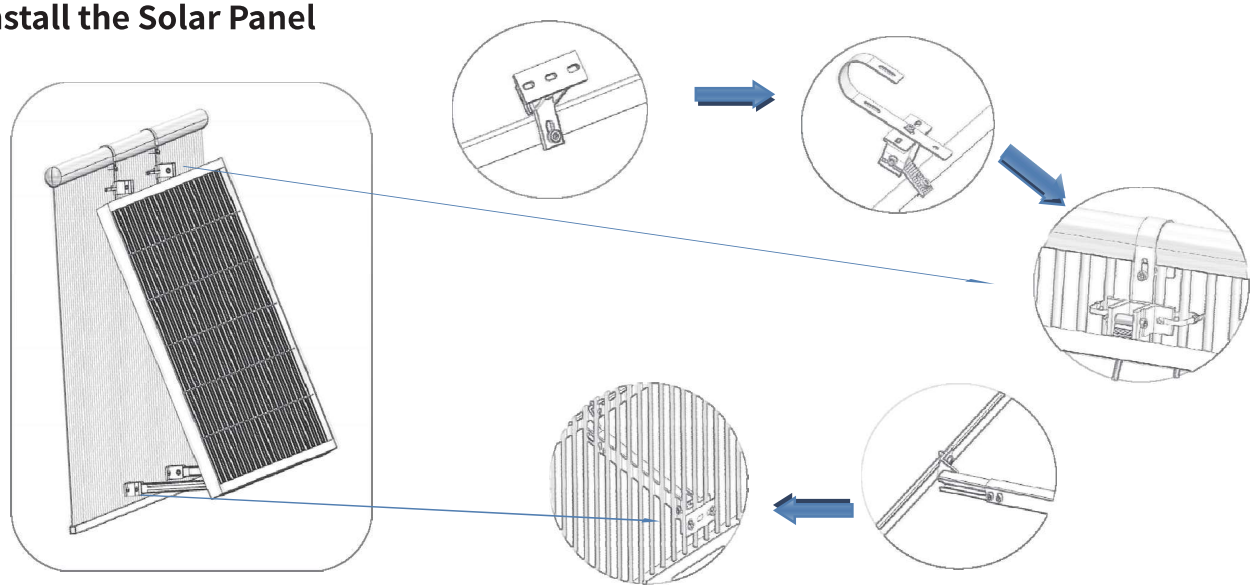


Step 3: Install the Fixed Set with Round Pipe Hook



Repeat step 3 for the other set of tripods

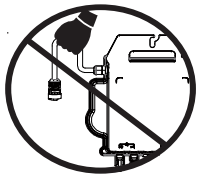
Step 4: Install the Solar Panel



Step 5: Torque of Bolts

Bolt	Torque(N*m)
M8	8 - 10

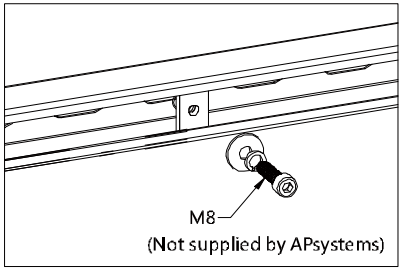
Step 6: Prepare for the Micro-inverter Installation

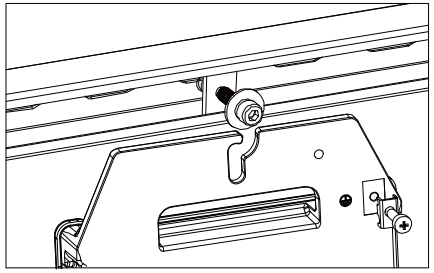


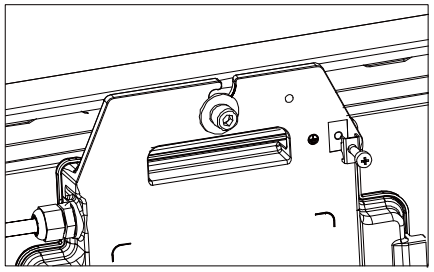
- Make sure the inverter rating matches with the grid connection requirements.
- Retrieve the inverter and cables.
- Do not lift the inverter by the AC Cable.

Step 7: Install the Microinverter in Proper Position

- Choose a suitable place.
- Mark the desired position and drill a hole.
- Mount the microinverter with M8 screws or other reliable methods to secure it in place.



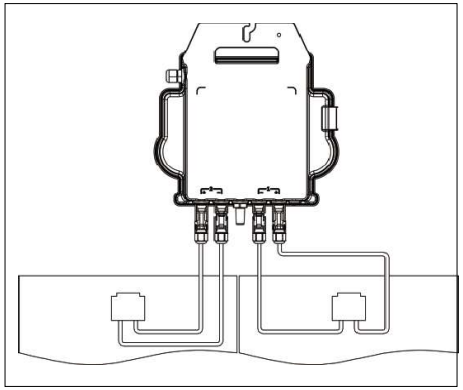


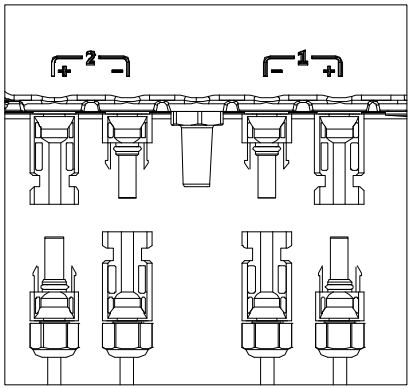


Note:

- A proper place refers to a location that won't expose the microinverter directly into rain, sunlight or other harmful weather events and meets the local electrical code.
- Keep a distance more than 1.5cm (>3/4'') between the inverter case and the position hole to allow air flow.

Step 8: Connect the Inverter to the PV Module





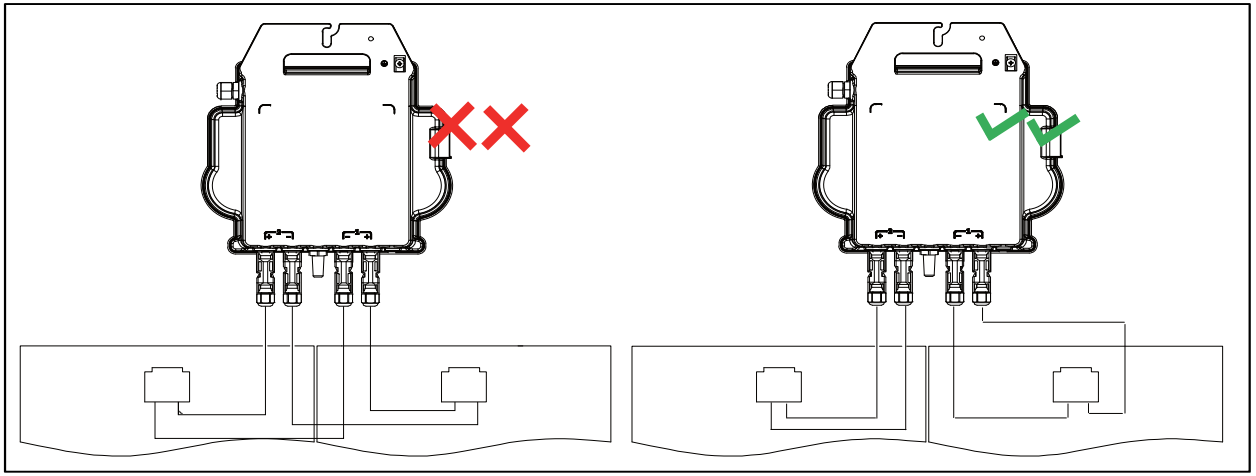
Success:

· Green light flashes 10 times

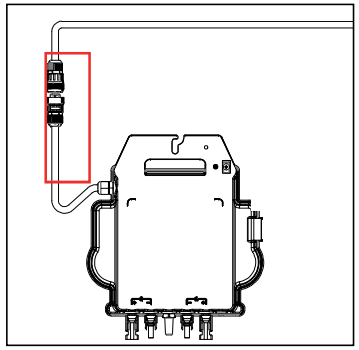
Note:

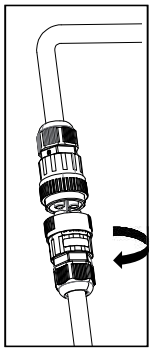
· The lights will flash green for 10s when the DC cable is correctly connected to the PV panel.

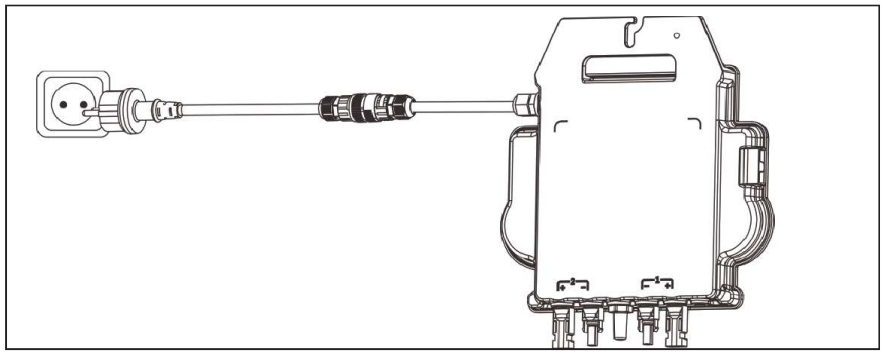
· Do not split positive and negative DC cables into two different input channels.



Step 9: Cable Connection







Step 10: Get the App

IOS:

- Go to App Store
- Search “AP EasyPower”
- Download and install

Android 1:

- Go to Google Play Store
- Search “AP EasyPower”
- Download and install

Android 2:

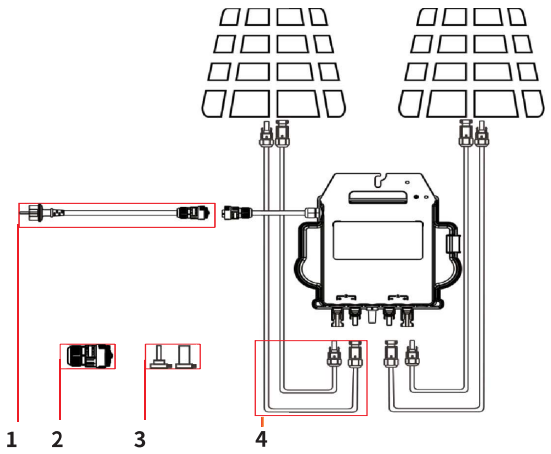
- Open https://apsystems.comSelect your region
- Click the tab menu “Apps” below “Products”
- Download and install

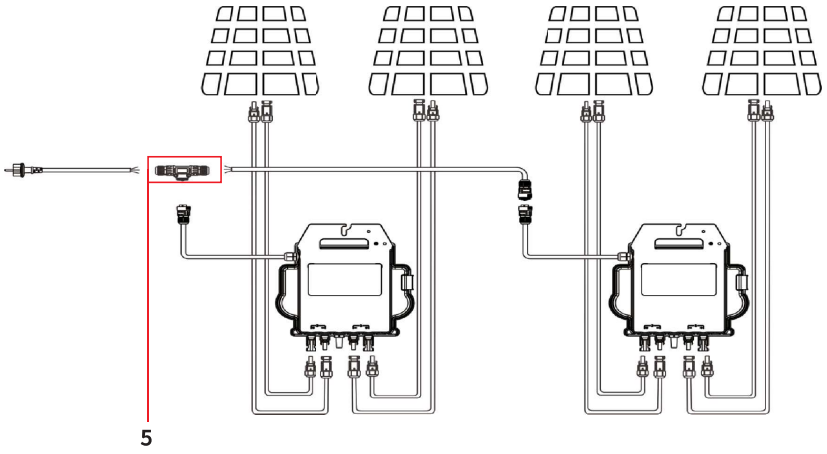
Note:

Two control modes are offered through the App: **Direct Control** Mode and **Remote** Mode.

In the absence of Wi-Fi, users can monitor and control the device in direct connection mode.

Step 11: User Scenario Overview





1. **Power Cord (1.5mm^2,5m)**
2. **AC Connector (3C, 17.5A, Female)**
3. **DC Male/Female Connector Cap (MC4)**
4. **DC Extension Cable (MC4)**
5. **AC T Connector (3C, 17.5A)**

Note:

- Do not attempt to repair the Microinverter yourself. If you suspect a fault, please contact your local dealer for Technical Support. They will assist you in troubleshooting and provide a RMA (Return Merchandise Authorization) number if a replacement is necessary.
- Do not touch the product surface when it is working.
- Do not disconnect the microinverter and the PV panel when inverter is still grid connected.
- All electrical installations must be carried out in compliance with local electrical codes.

EC REP

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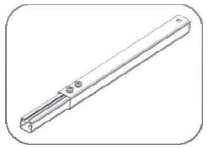
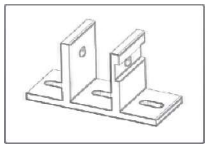
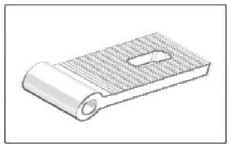
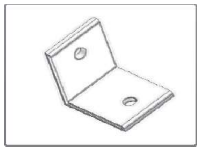
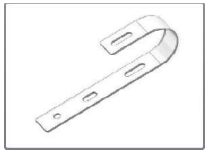
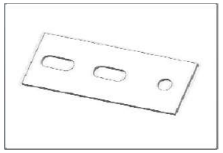
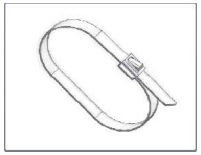
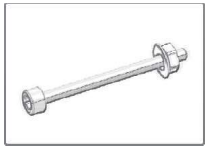
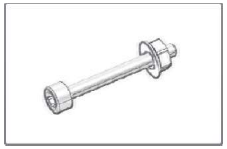
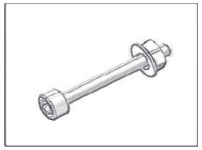
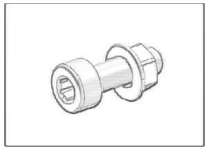
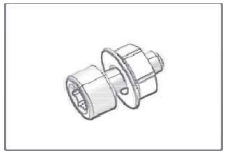
Address：Planckstr. 59, 45147 Essen
Email: zed.zhang@ark-solar.de
Telefon: +49 15226799683

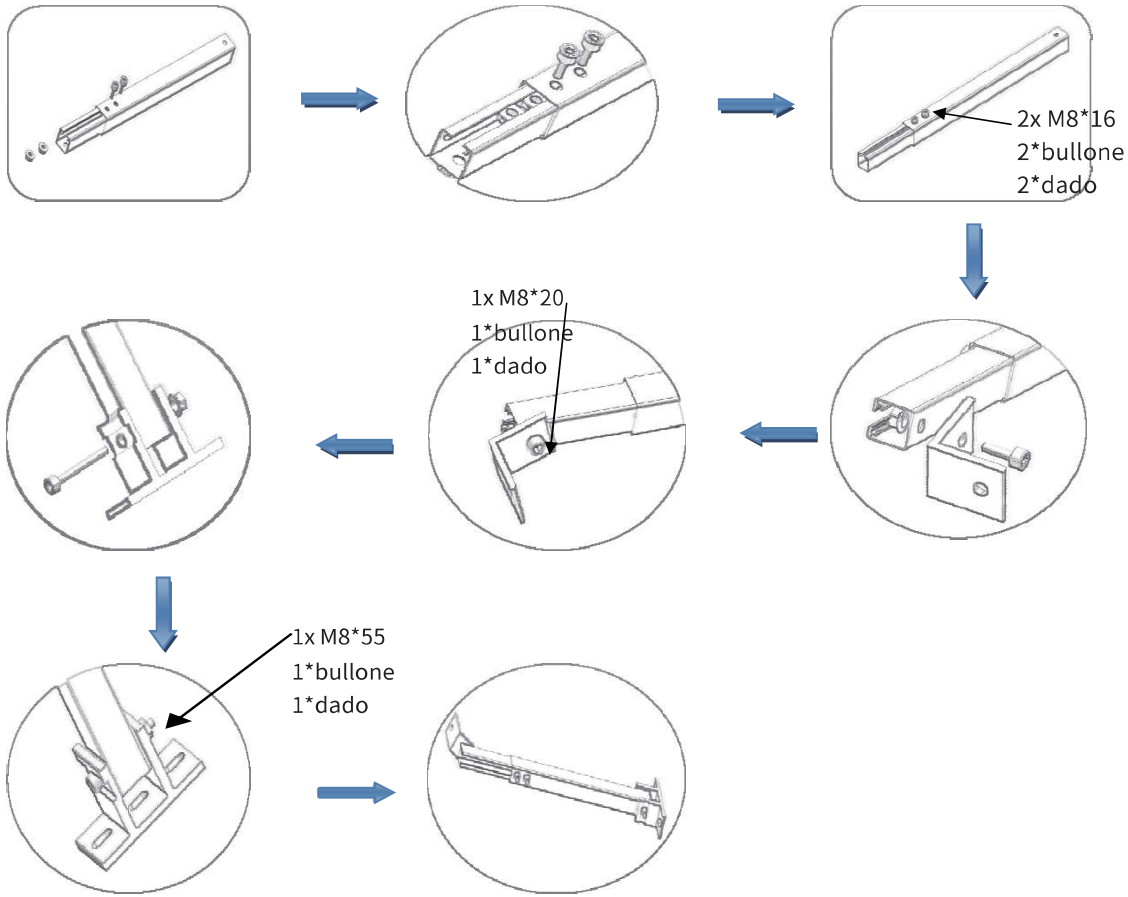
800W Set di microinverter solari

Installazione rapida

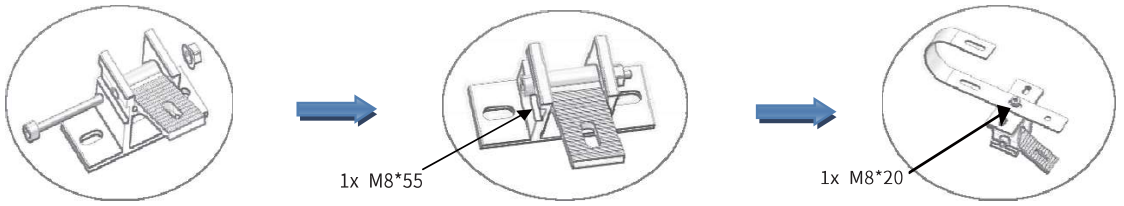
Passaggio 1: Ottenere i pezzi di ricambio per il PV

Astina telescopica x2 	Sedile fisso x4 	Colonne di supporto x2 
Telaio fisso x2 	Gancio a tubo rotondo x2 	Set in acciaio inossidabile x4 
Fascetta in acciaio inossidabile x4 	Set di bulloni M8*85 x2 	Set di bulloni M8*55 x4 
Set di bulloni M8*45 x8 	Set di bulloni M8*20 x8 	Set di bulloni M8*16 x4 

Passaggio 2: Installazione dell'astina telescopica

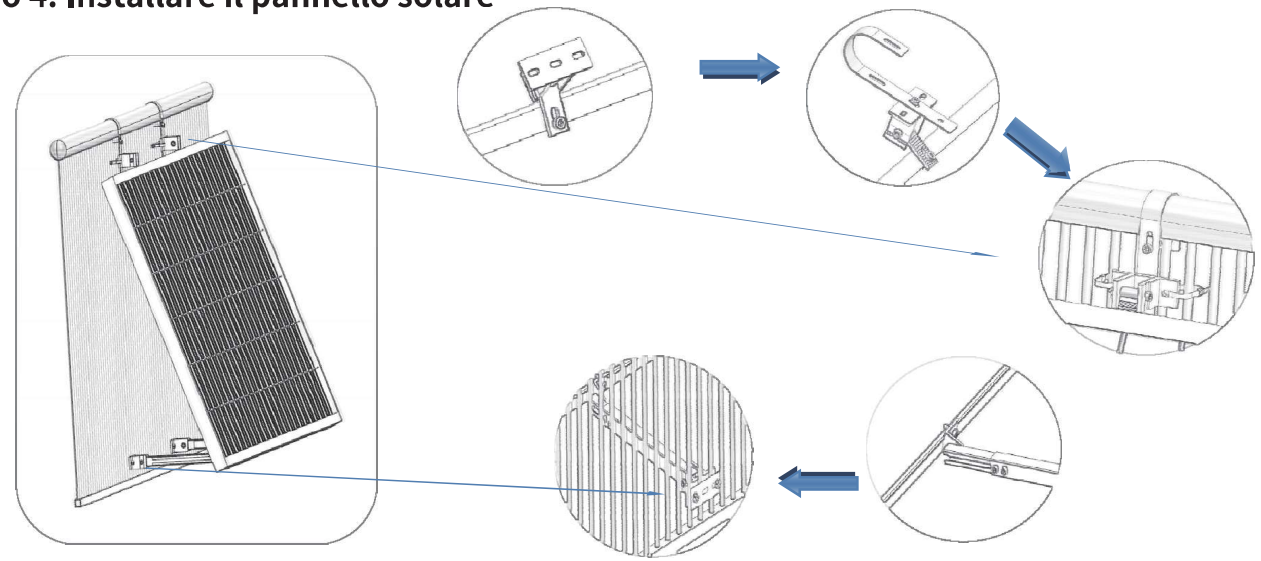


Passaggio 3: Installa il set fisso con il gancio a tubo rotondo



Ripetere il passaggio 3 per l'altro set di treppiedi.

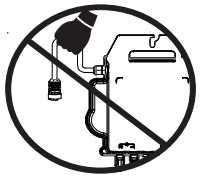
Passaggio 4: Installare il pannello solare



Passaggio 5: Coppia dei bulloni

Bullone	Coppia (N*m)
M8	8 - 10

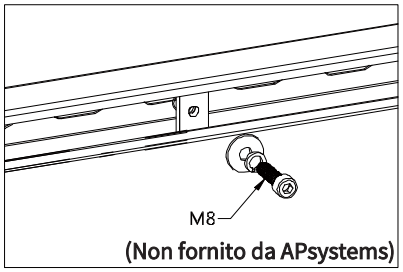
Passaggio 6: Preparazione per l'installazione del microinverter

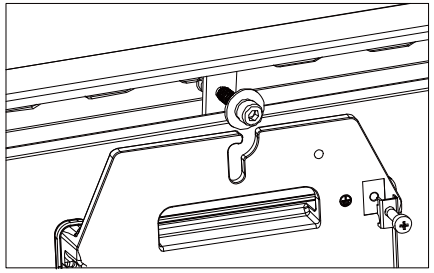


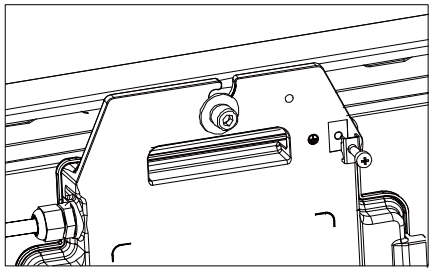
- Assicurarsi che la potenza nominale dell'inverter corrisponda ai requisiti di connessione alla rete.
- Recuperare l'inverter e i cavi.
- Non sollevare l'inverter per il cavo AC.

Passaggio 7: Installare i microinverter nella posizione corretta

- Scegliere una posizione adatta.
- Segnare la posizione desiderata e praticare un foro.
- Montare il microinverter utilizzando viti M8 o altri metodi affidabili per fissarlo al suo posto.



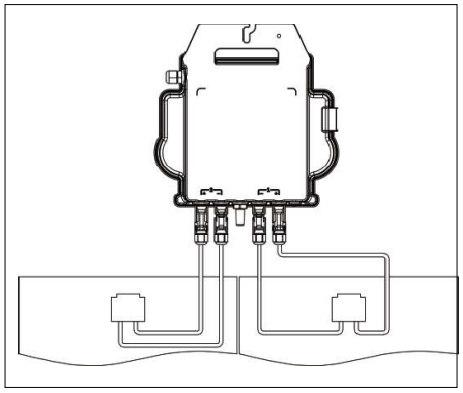


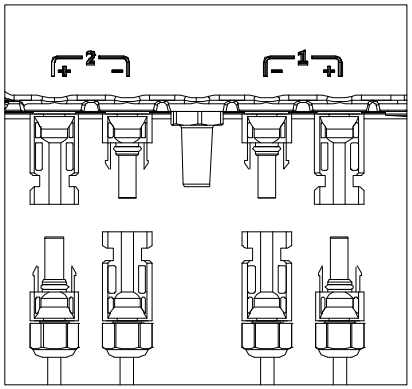


Nota:

- Un luogo appropriato si riferisce a una posizione che non espone direttamente il microinverter alla pioggia, alla luce solare o ad altri eventi meteorologici dannosi e che soddisfa il codice elettrico locale.
- Mantenere una distanza superiore a 1,5 cm (> 3/4 ") tra il case dell'inverter e il foro di posizionamento per consentire la circolazione dell'aria.

Passaggio 8: Collegare l'inverter al modulo PV





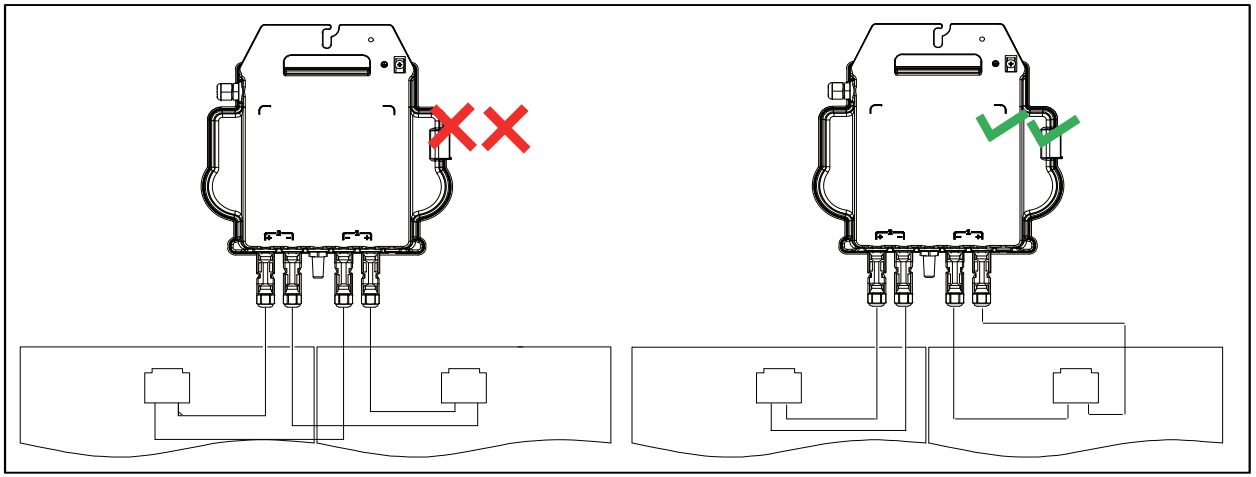
Successo:

· La luce verde lampeggia 10 volte

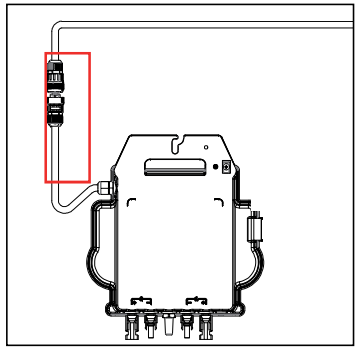
Nota:

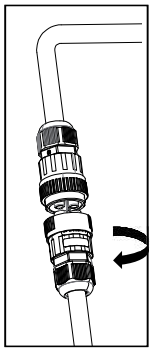
· Le luci lampeggiano in verde per 10 secondi quando il cavo DC è collegato correttamente al pannello PV.

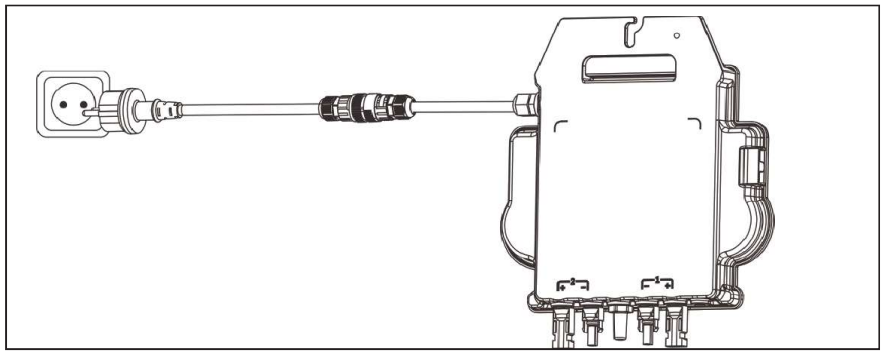
· Non separare i cavi DC positivo e negativo in due canali di ingresso diversi.



Passaggio 9: Collegamento dei cavi







Passaggio 10: Ottieni l'app

IOS:

- Vai su App Store
- Cerca "AP EasyPower"
- Scarica e installa

Android 1:

- Vai su Google Play Store
- Cerca "AP EasyPower"
- Scarica e installa

Android 2:

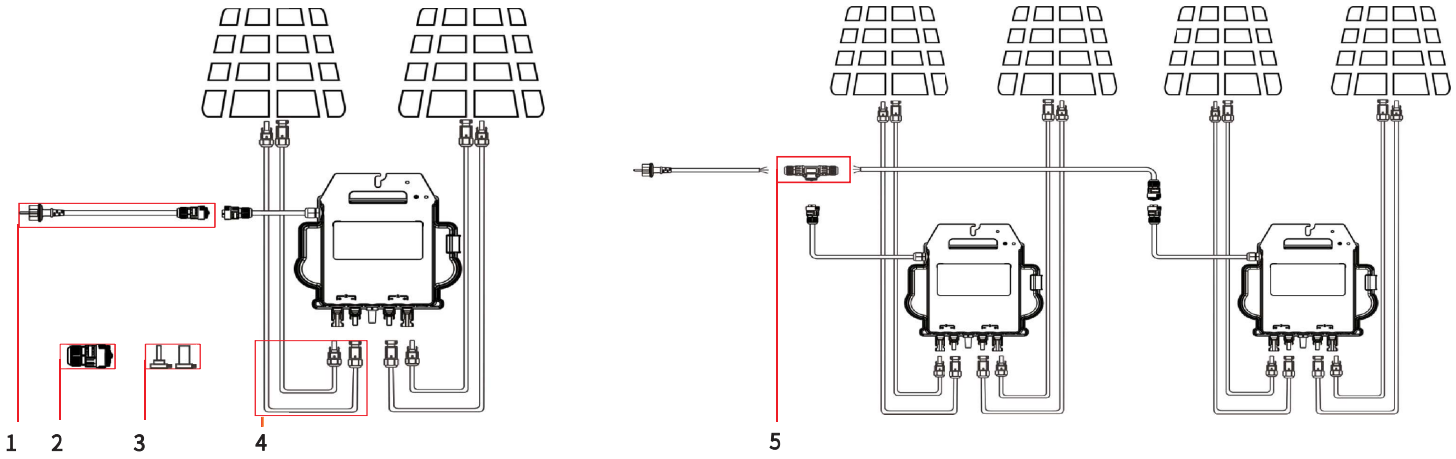
- Apri https://apsystems.com Seleziona la tua regione
- Clicca sulla scheda "App" sotto "Prodotti"
- Scarica e installa

Nota:

L'app offre due modalità di controllo: Modalità di controllo **diretto** e Modalità **remota**.

In assenza di connessione Wi-Fi, gli utenti possono monitorare e controllare il dispositivo in modalità di connessione diretta.

Passaggio 11: Panoramica dello scenario utente



1. Cavo di alimentazione (1.5 mm², 5 m)
2. Connettore AC (3C, 17,5 A, femmina)
3. Cappuccio del connettore DC maschio/ femmina (MC4)
4. Cavo di prolunga DC (MC4)
5. Connettore a T AC (3C, 17,5 A)

Nota:

- Non tentare di riparare il microinverter da solo. Se sospetti un difetto, contatta il tuo rivenditore locale per il supporto tecnico. Ti aiuteranno nella risoluzione dei problemi e forniranno un numero RMA (Autorizzazione al Ritorno della Merce) se necessario sostituire il prodotto.
- Non toccare la superficie del prodotto quando è in funzione.
- Non scollegare il microinverter e il pannello PV quando l'inverter è ancora collegato alla rete.
- Tutte le installazioni elettriche devono essere effettuate in conformità con i codici elettrici locali.

EC REP

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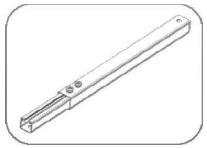
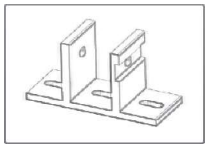
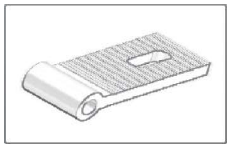
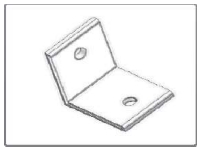
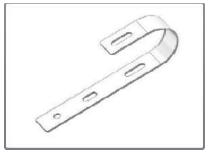
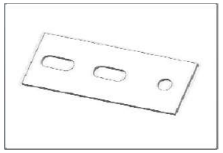
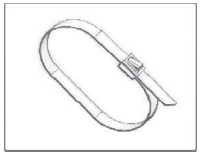
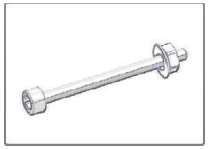
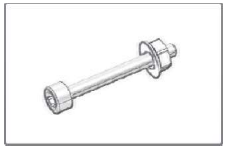
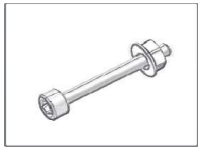
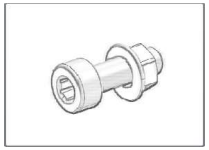
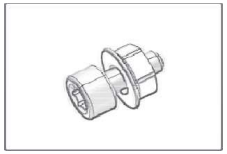
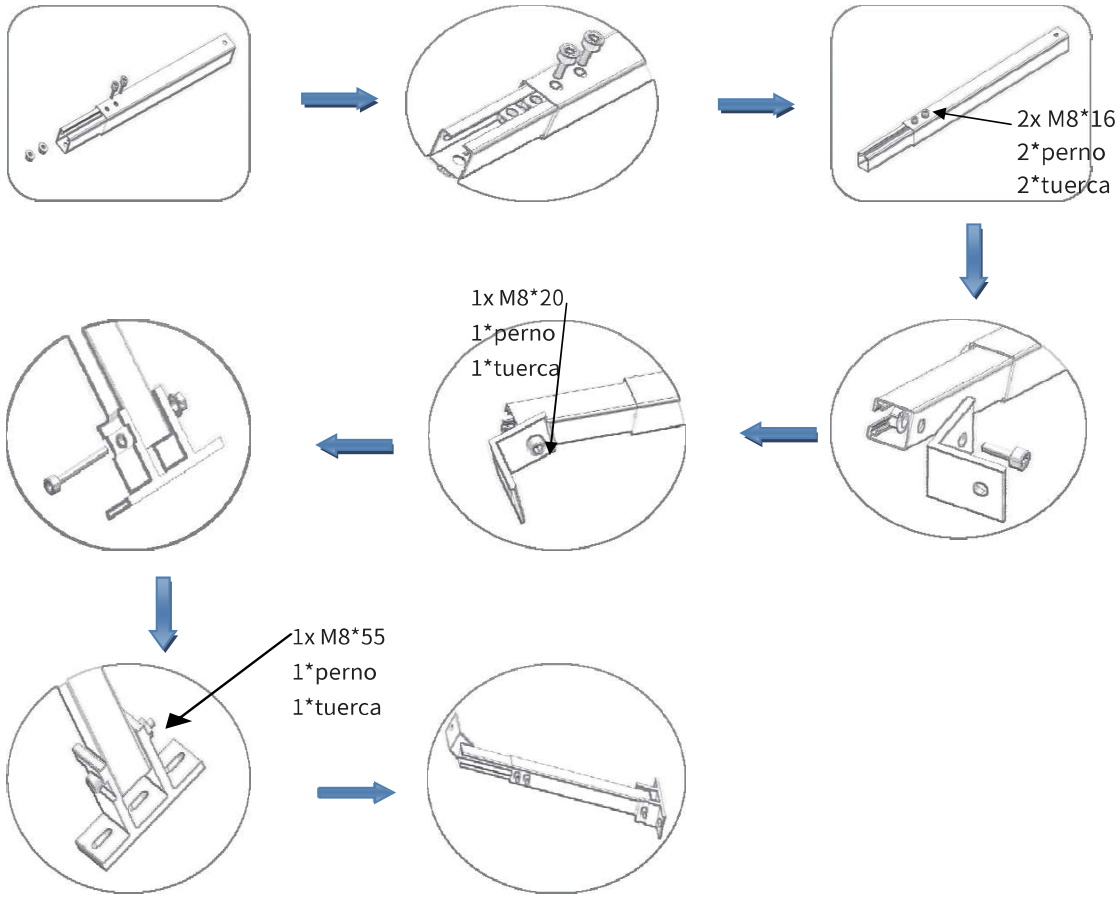
800W
Conjunto de microinversores solares

Instalación rápida

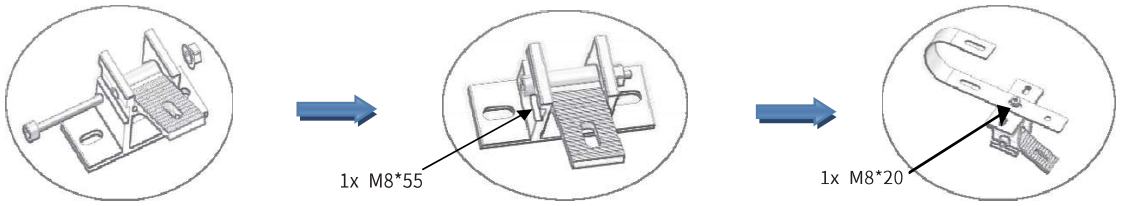
Paso 1: Obtener las piezas de repuesto para el PV

Varilla telescópica x2 	Asiento fijo x4 	Columnas de soporte x2 
Marco fijo x2 	Gancho de tubo redondo x2 	Juego de acero inoxidable x4 
Corbata de acero inoxidable x4 	Conjunto de pernos M8*85x2 	Conjunto de pernos M8*55x4 
Conjunto de pernos M8*45x8 	Conjunto de pernos M8*20x8 	Conjunto de pernos M8*16x4 

Paso 2: Instalación de la varilla telescópica

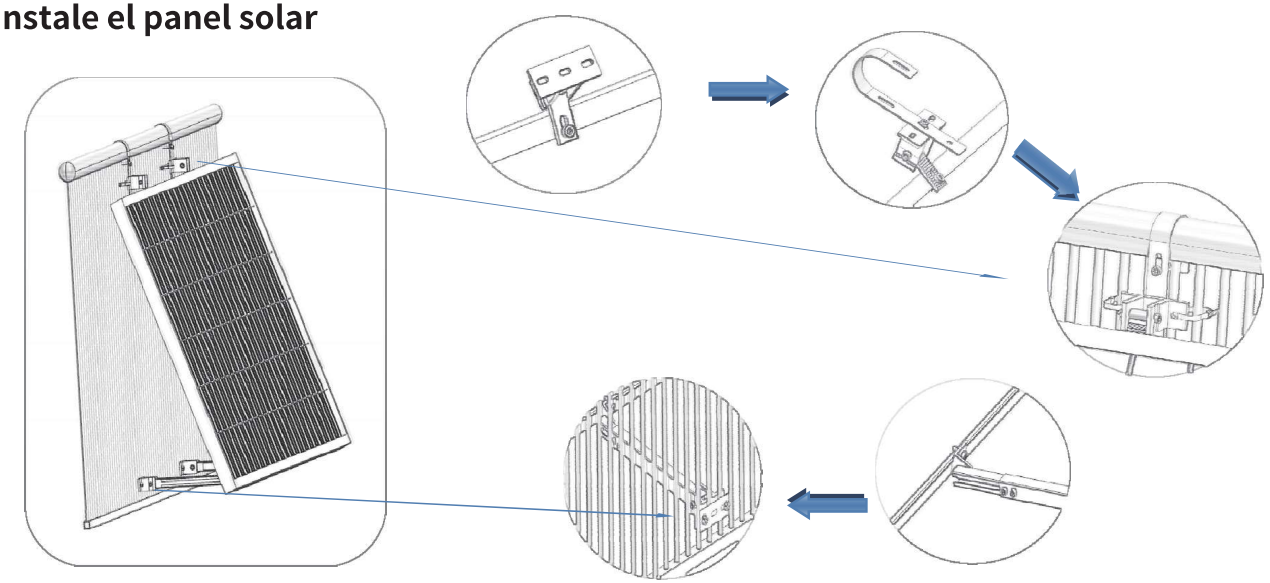


Paso 3: Instale el conjunto fijo con el gancho de tubo redondo



Repite el paso 3 para el otro conjunto de trípodes.

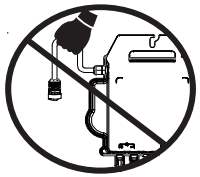
Paso 4: Instale el panel solar



Paso 5: Torque de los pernos

Perno	Torque (N*m)
M8	8 - 10

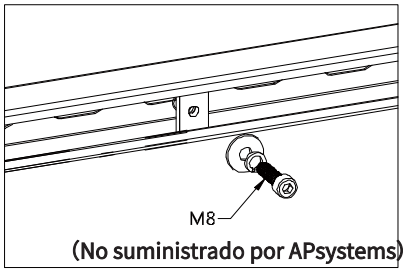
Paso 6: Preparación para la instalación del microinversor

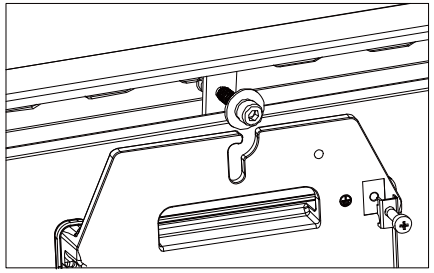


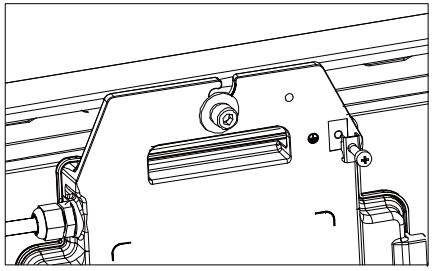
- Asegúrese de que la potencia nominal del inversor coincida con los requisitos de conexión a la red.
- Recupere el inversor y los cables.
- No levante el inversor por el cable de CA.

Paso 7: Instale los microinversores en la posición adecuada

- Elija un lugar adecuado.
- Marque la posición deseada y taladre un agujero.
- Monte el microinversor utilizando tornillos M8 u otros métodos confiables para asegurarlo en su lugar.



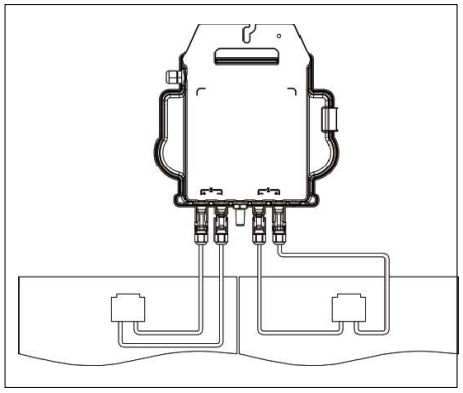


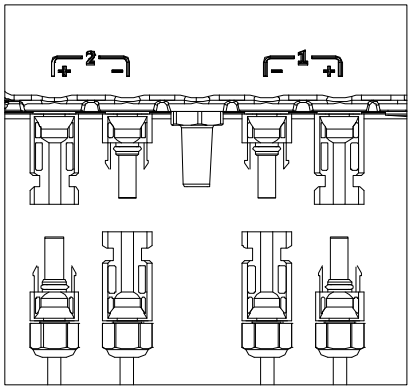


Nota:

- Un lugar adecuado se refiere a una ubicación que no exponga directamente el microinversor a la lluvia, la luz solar u otros eventos climáticos dañinos y cumpla con el código eléctrico local.
- Mantenga una distancia de más de 1,5 cm (> 3/4 ") entre la carcasa del inversor y el orificio de posición para permitir el flujo de aire.

Paso 8: Conecte el inversor al módulo PV





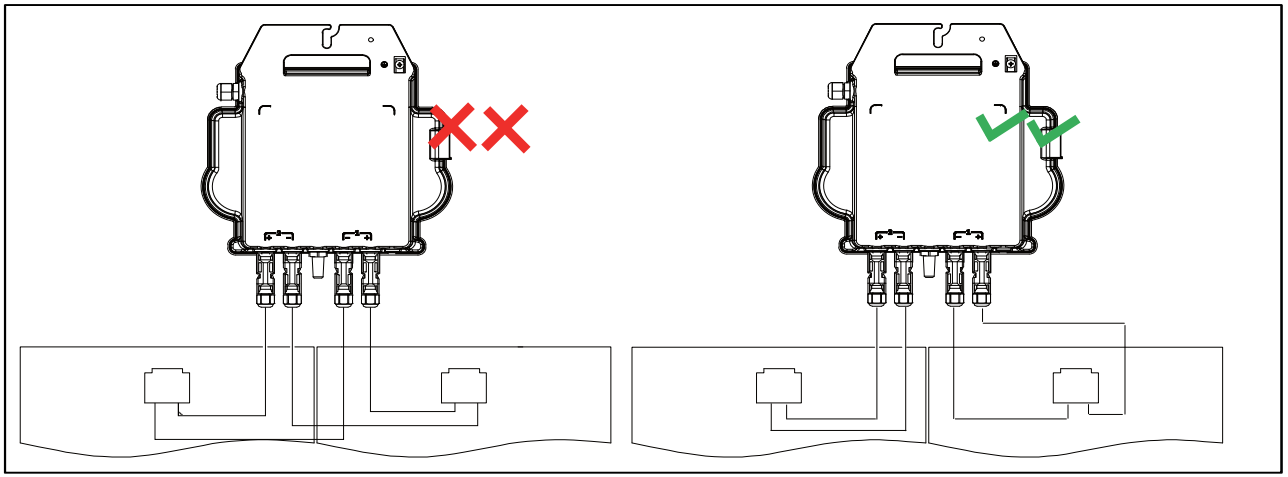
Éxito:

· La luz verde parpadea 10 veces

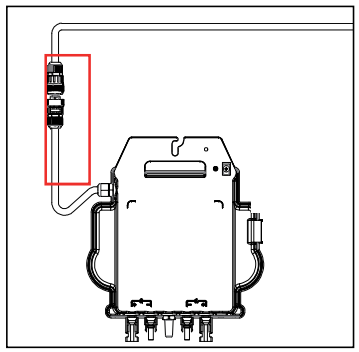
Nota:

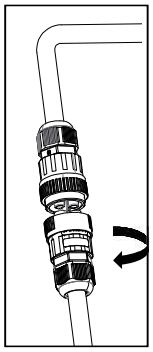
· Las luces parpadearán en verde durante 10 segundos cuando el cable DC esté conectado correctamente al panel PV.

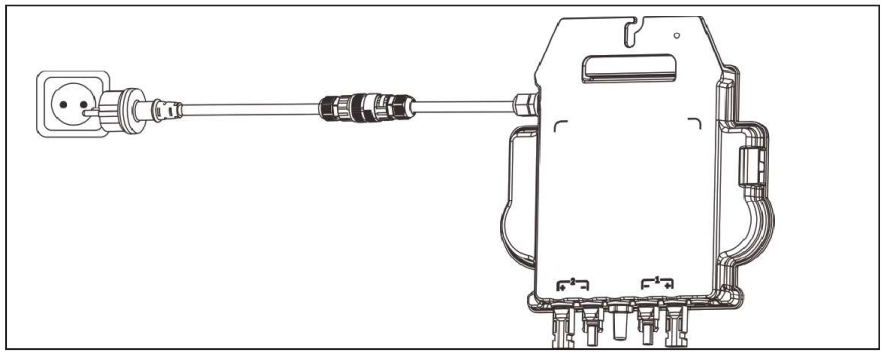
· No divida los cables DC positivo y negativo en dos canales de entrada diferentes.



Paso 9: Conexión de cables







Paso 10: Obtén la aplicación

IOS:

- Ve a App Store
- Busca "AP EasyPower"
- Descarga e instala

Android 1:

- Ve a Google Play Store
- Busca "AP EasyPower"
- Descarga e instala

Android 2:

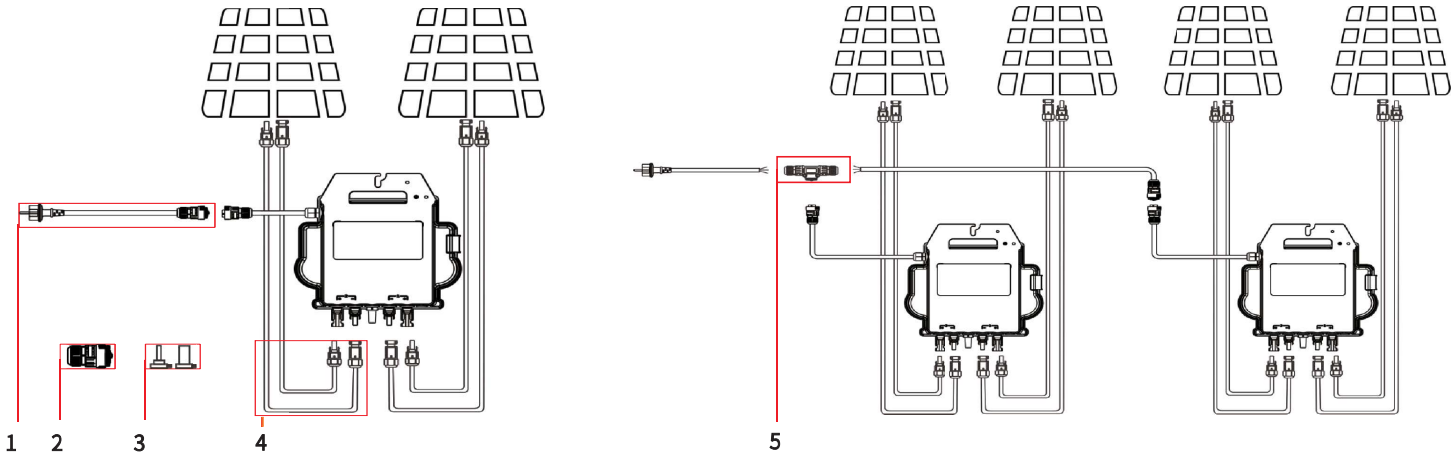
- Abre https://apsystems.com Selecciona tu región
- Haz clic en la pestaña "Apps" debajo de "Productos"
- Descarga e instala

Nota:

La aplicación ofrece dos modos de control: Modo de control **directo** y Modo **remoto.**

En ausencia de Wi-Fi, los usuarios pueden monitorear y controlar el dispositivo en modo de conexión directa.

Paso 11: Resumen del escenario de usuario



1. Cable de alimentación (1.5 mm², 5 m)
2. Conector de CA (3C, 17,5 A, hembra)
3. Tapa de conector macho/hembra de CC (MC4)
4. Cable de extensión de CC (MC4)
5. Conector en T de CA (3C, 17,5 A)

Nota:

- No intentes reparar el microinversor tú mismo. Si sospechas de una falla, por favor, contacta a tu distribuidor local para obtener soporte técnico. Te ayudarán a resolver problemas y proporcionarán un número de RMA (Autorización de Devolución de Mercancía) si es necesario reemplazarlo.
- No toques la superficie del producto cuando esté en funcionamiento.
- No desconectes el microinversor y el panel PV cuando el inversor esté todavía conectado a la red eléctrica.
- Todas las instalaciones eléctricas deben llevarse a cabo cumpliendo con los códigos eléctricos locales.

EC REP

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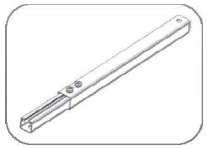
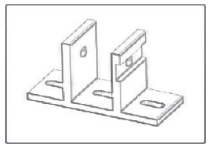
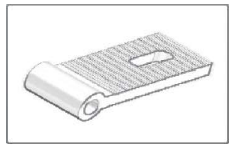
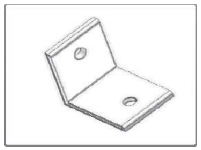
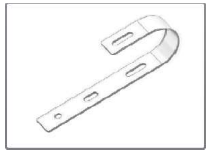
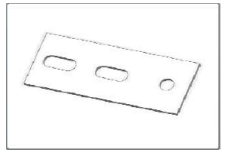
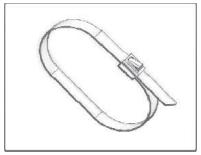
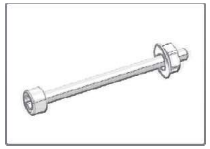
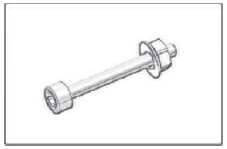
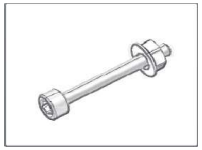
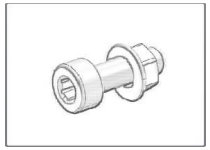
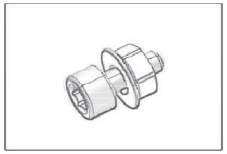
Teléfono: +49 15226799683

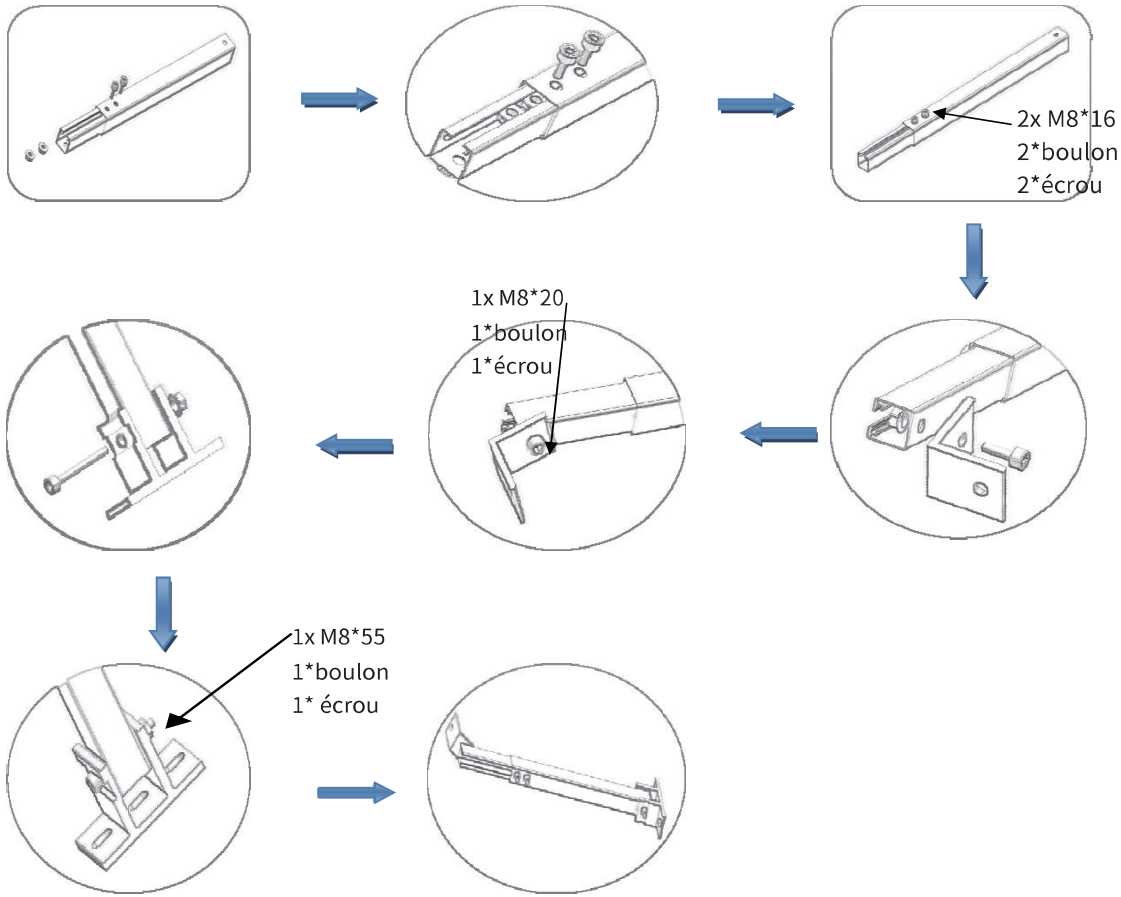
800W
Ensemble de micro-onduleurs solaires

Installation rapide

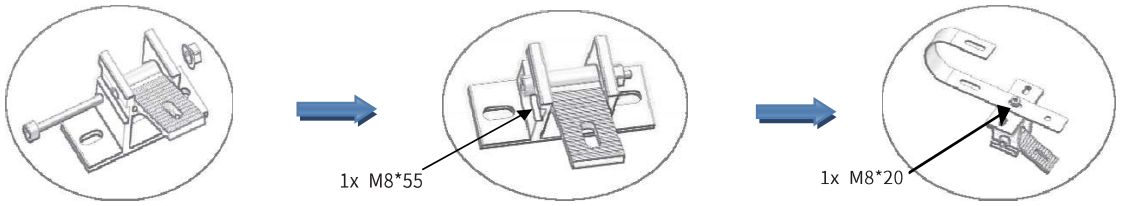
Étape 1 : Obtenir les pièces de rechange pour le PV

Barre télescopique x2 	Siège fixe x4 	Colonnes de support x2 
Cadre fixe x2 	Crochet de tuyau rond x2 	Kit en acier inoxydable x4 
Attache en acier inoxydablex4 	Ensemble de boulons M8*85x2 	Ensemble de boulons M8*55x4 
Ensemble de boulons M8*45x8 	Ensemble de boulons M8*20x8 	Ensemble de boulons M8*16x4 

Étape 2 : Installation de la barre télescopique

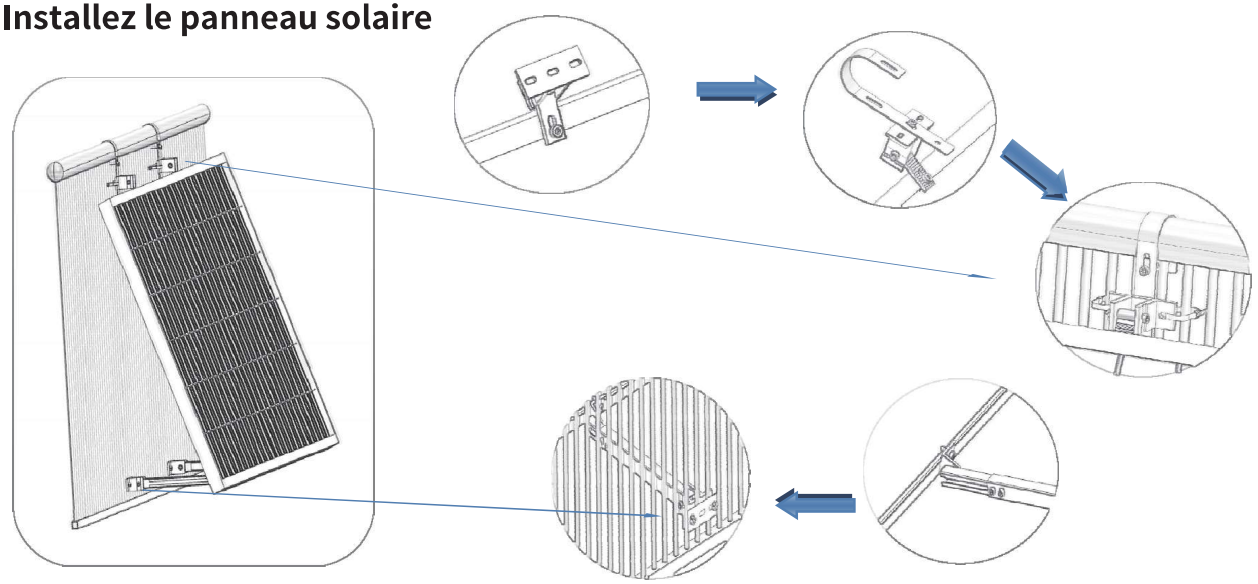


Étape 3 : Installez l'ensemble fixe avec le crochet de tuyau rond



Répétez l'étape 3 pour l'autre ensemble de trépieds.

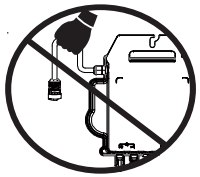
Étape 4 : Installez le panneau solaire



Étape 5 : Couple de serrage des boulons

Boulon	Couple de serrage (N*m)
M8	8 - 10

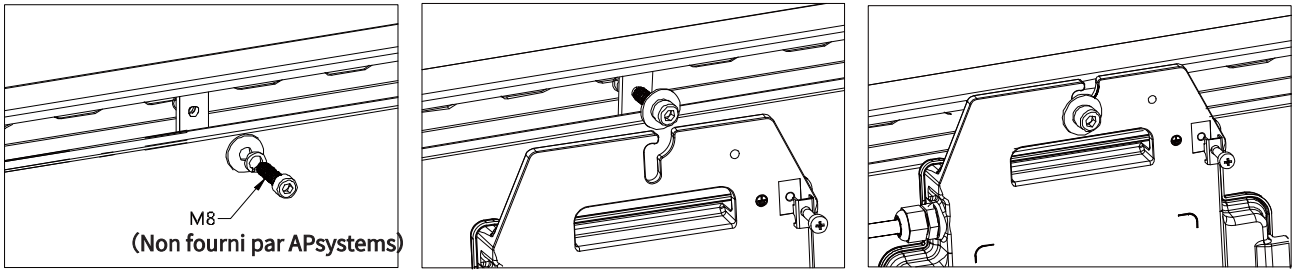
Étape 6 : Préparation de l'installation du micro-onduleur



- Assurez-vous que la puissance nominale de l'onduleur correspond aux exigences de raccordement au réseau.
- Récupérez l'onduleur et les câbles.
- Ne soulevez pas l'onduleur par le câble AC.

Étape 7 : Installez les micro-onduleurs à la position appropriée

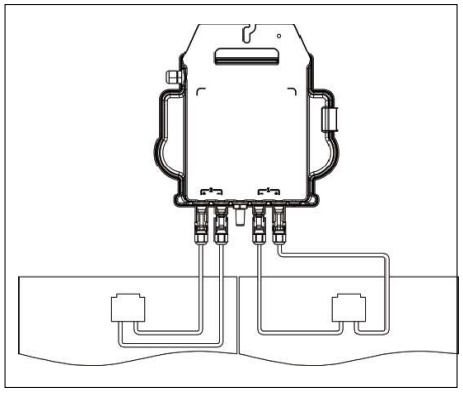
- Choisissez un emplacement approprié.
- Marquez la position souhaitée et percez un trou.
- Fixez le micro-onduleur à l'aide de vis M8 ou d'autres méthodes fiables pour le maintenir en place.

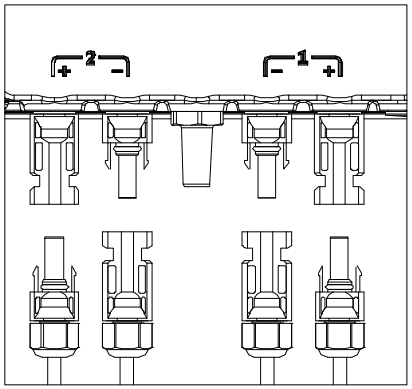


Remarque :

- Un emplacement approprié se réfère à un endroit qui n'expose pas directement le micro-onduleur à la pluie, à la lumière du soleil ou à d'autres conditions météorologiques nocives, et qui est conforme au code électrique local.
- Maintenez une distance supérieure à 1,5 cm (> 3/4 ") entre le boîtier de l'onduleur et le trou de position pour permettre la circulation de l'air.

Étape 8 : Connectez l'onduleur au module PV





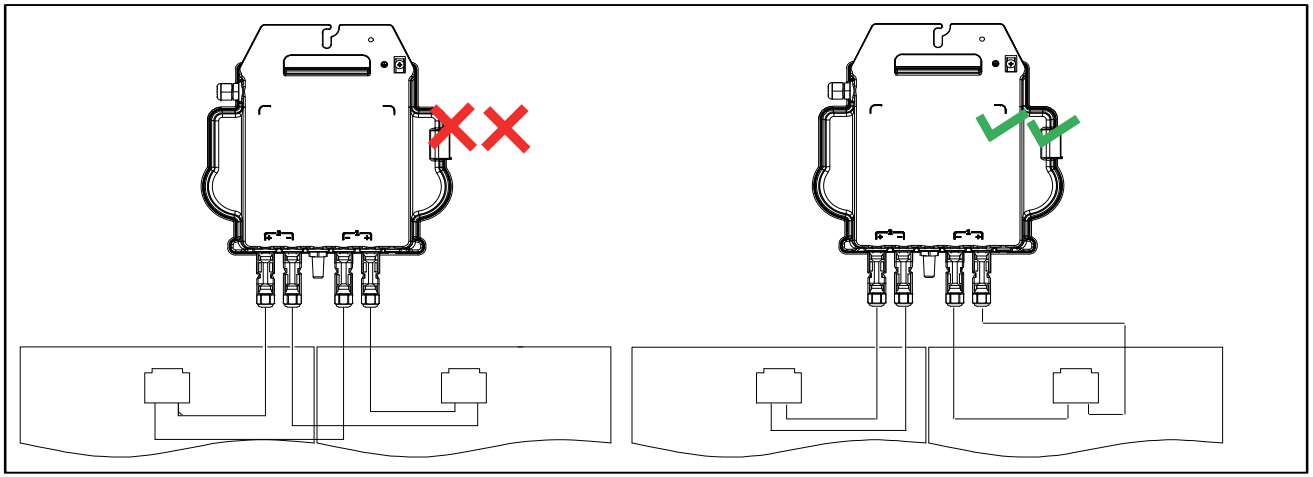
Succès :

· Le voyant vert clignote 10 fois

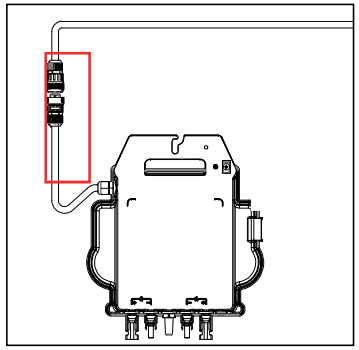
Remarque :

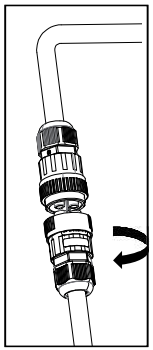
· Les voyants clignotent en vert pendant 10 secondes lorsque le câble DC est correctement connecté au panneau PV.

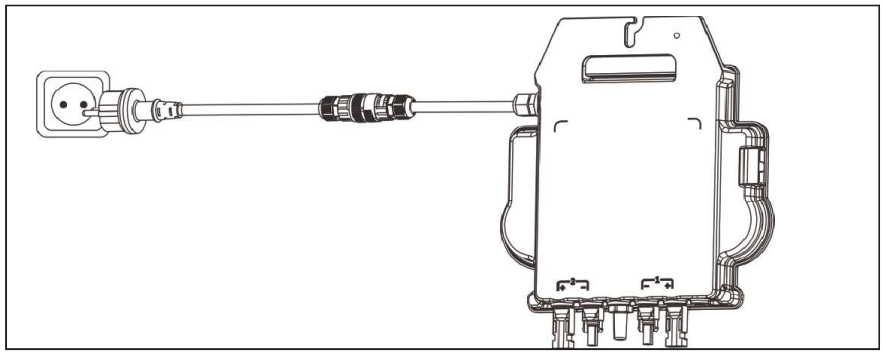
· Ne séparez pas les câbles DC positif et négatif en deux canaux d'entrée différents.



Étape 9 : Connexion des câbles







Étape 10 : Obtenez l'application

IOS:

- Rendez-vous sur l'App Store
- Recherchez "AP EasyPower"
- Téléchargez et installez-le

Android 1:

- Rendez-vous sur le Google Play Store
- Recherchez "AP EasyPower"
- Téléchargez et installez-le

Android 2:

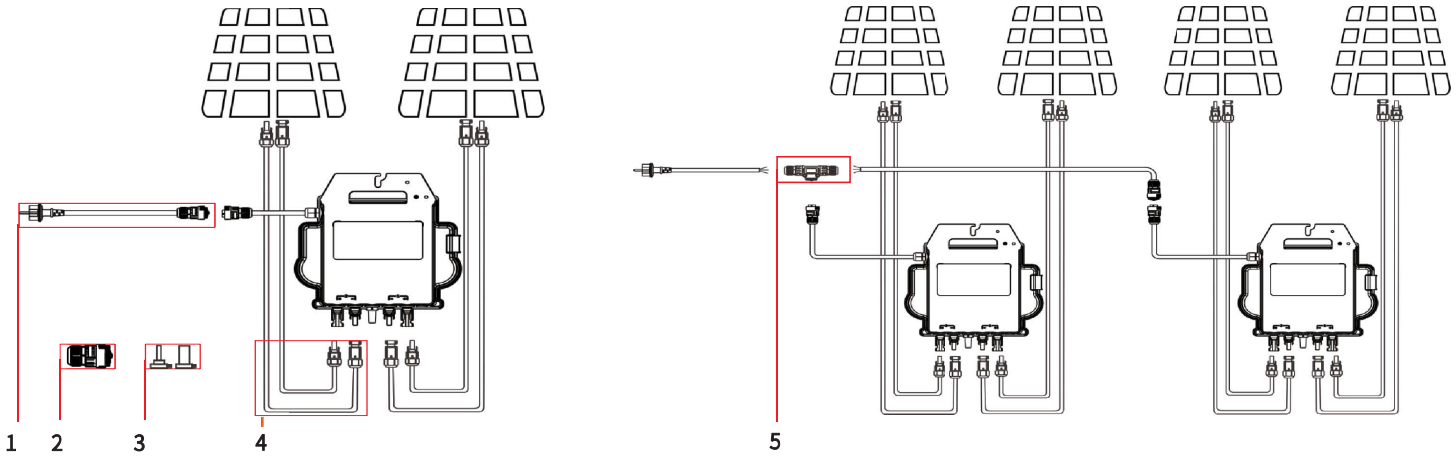
- Ouvrez https://apsystems.com Sélectionnez votre région
- Cliquez sur l'onglet "Apps" sous "Produits"
- Téléchargez et installez-le

Remarque :

L'application offre deux modes de contrôle : le mode de contrôle **direct** et le mode à **distance**.

En l'absence de connexion Wi-Fi, les utilisateurs peuvent surveiller et contrôler l'appareil en mode de connexion directe.

Étape 11 : Aperçu du scénario utilisateur



1. Cordon d'alimentation (1.5 mm², 5 m)
2. Connecteur AC (3C, 17,5 A, femelle)
3. Capuchon de connecteur DC mâle/femelle (MC4)
4. Câble d'extension DC (MC4)
5. Connecteur en T AC (3C, 17,5 A)

Remarque :

- N'essayez pas de réparer vous-même le micro-onduleur. Si vous soupçonnez un défaut, veuillez contacter votre revendeur local pour obtenir un support technique. Ils vous aideront à résoudre les problèmes et vous fourniront un numéro RMA (Return Merchandise Authorization) si un remplacement est nécessaire.
- Ne touchez pas la surface du produit lorsqu'il est en fonctionnement.
- Ne débranchez pas le micro-onduleur et le panneau PV lorsque l'onduleur est encore connecté au réseau.
- Toutes les installations électriques doivent être réalisées conformément aux codes électriques locaux.

EC REP

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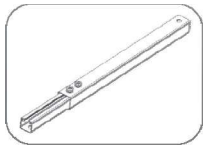
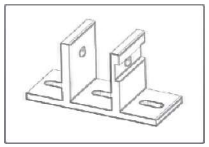
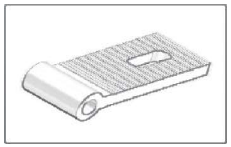
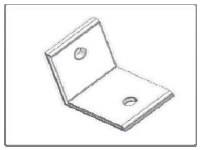
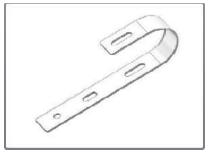
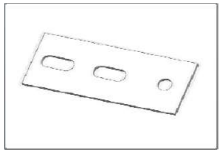
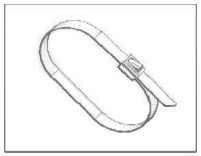
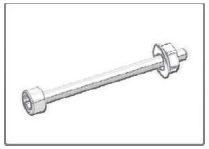
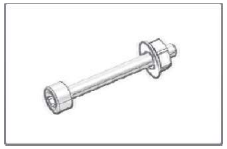
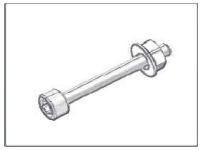
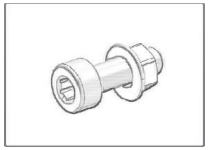
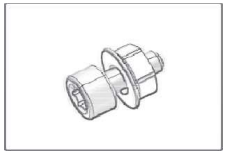
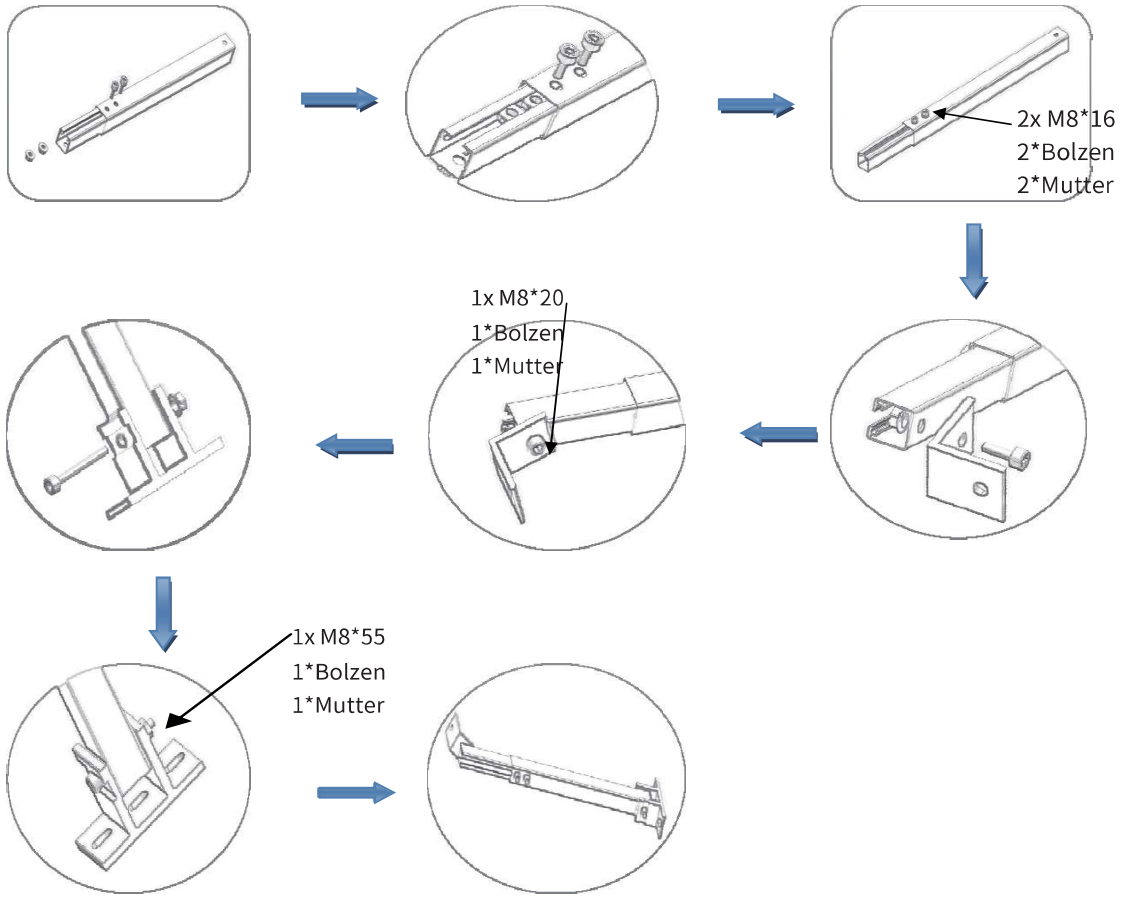
800W Solar Mikrowechselrichter-Set

Schnelle Installation

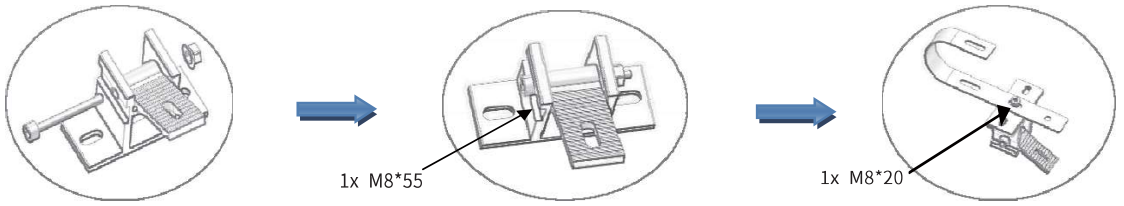
Schritt 1: Beschaffung der PV-Ersatzteile

Teleskopstange x2 	Befestigungssitz x4 	Stützsäulen x2 
Fester Rahmen x2 	Runde Rohrhaken x2 	Edelstahlset x4 
Edelstahlkrawatte x4 	Bolzensatz M8*85 x2 	Bolzensatz M8*55 x4 
Bolzensatz M8*45 x8 	Bolzensatz M8*20 x8 	Bolzensatz M8*16 x4 

Schritt 2: Installation der Teleskopstange

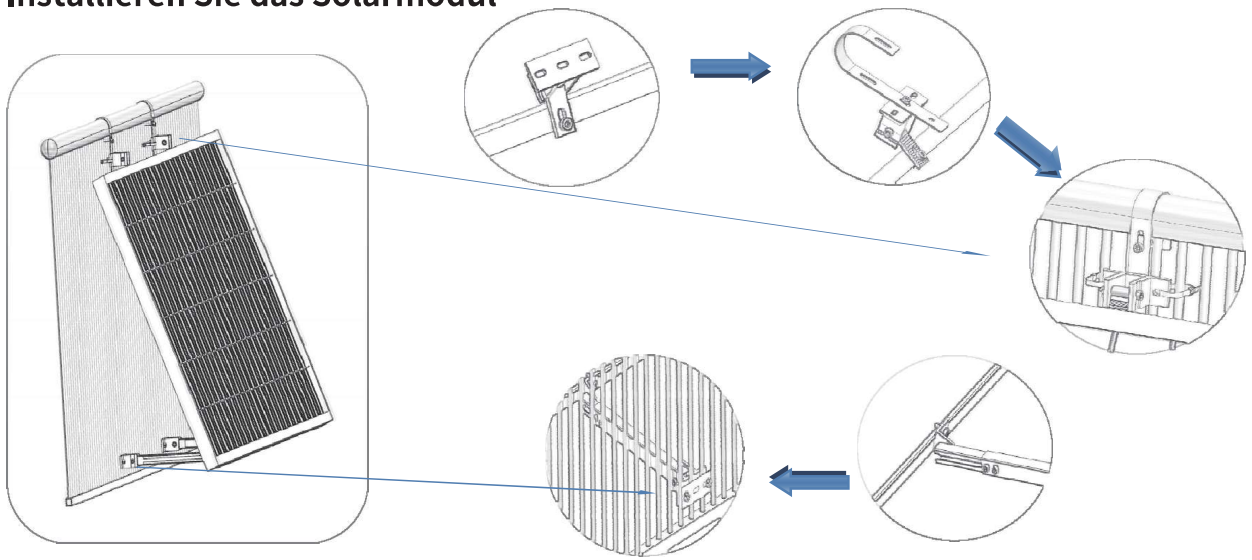


Schritt 3: Installieren Sie die feste Halterung mit dem runden Rohrhaken



Wiederholen Sie Schritt 3 für das andere Set von Stativen.

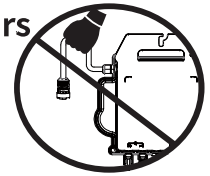
Schritt 4: Installieren Sie das Solarmodul



Schritt 5: Anzugsmoment der Bolzen

Bolzen	Anzugsmoment (N*m)
M8	8 - 10

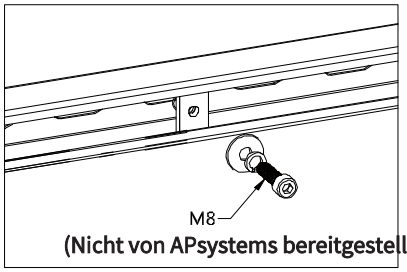
Schritt 6: Vorbereitung für die Installation des Mikro-Wechselrichters

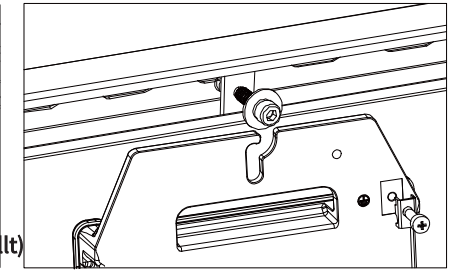


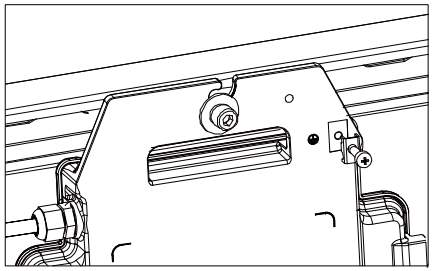
- Stellen Sie sicher, dass die Nennleistung des Wechselrichters den Anforderungen der Netzverbindung entspricht.
- Holen Sie den Wechselrichter und die Kabel.
- Heben Sie den Wechselrichter nicht am AC-Kabel an.

Schritt 7: Installieren Sie die Mikro-Wechselrichter an der richtigen Position

- Wählen Sie einen geeigneten Standort aus.
- Markieren Sie die gewünschte Position und bohren Sie ein Loch.
- Befestigen Sie den Mikro-Wechselrichter mit M8-Schrauben oder anderen zuverlässigen Methoden, um ihn an Ort und Stelle zu sichern.



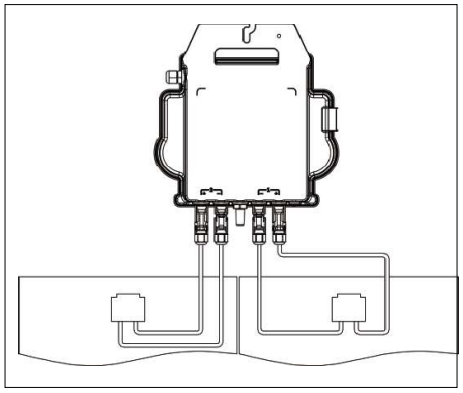


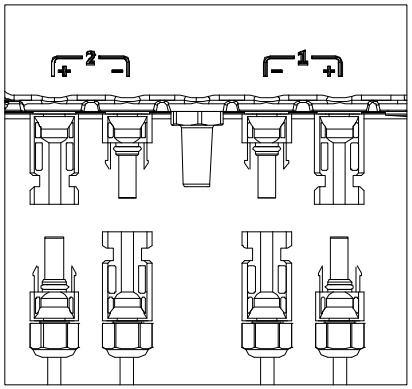


Hinweis:

- Ein geeigneter Ort bezieht sich auf einen Ort, an dem der Mikro-Wechselrichter nicht direkt Regen, Sonnenlicht oder anderen schädlichen Wetterereignissen ausgesetzt ist und den örtlichen elektrischen Vorschriften entspricht.
- Halten Sie einen Abstand von mehr als 1,5 cm (> 3/4 ") zwischen dem Gehäuse des Wechselrichters und dem Positionsloch ein, um eine Luftzirkulation zu ermöglichen.

Schritt 8: Verbinden Sie den Wechselrichter mit dem PV-Modul





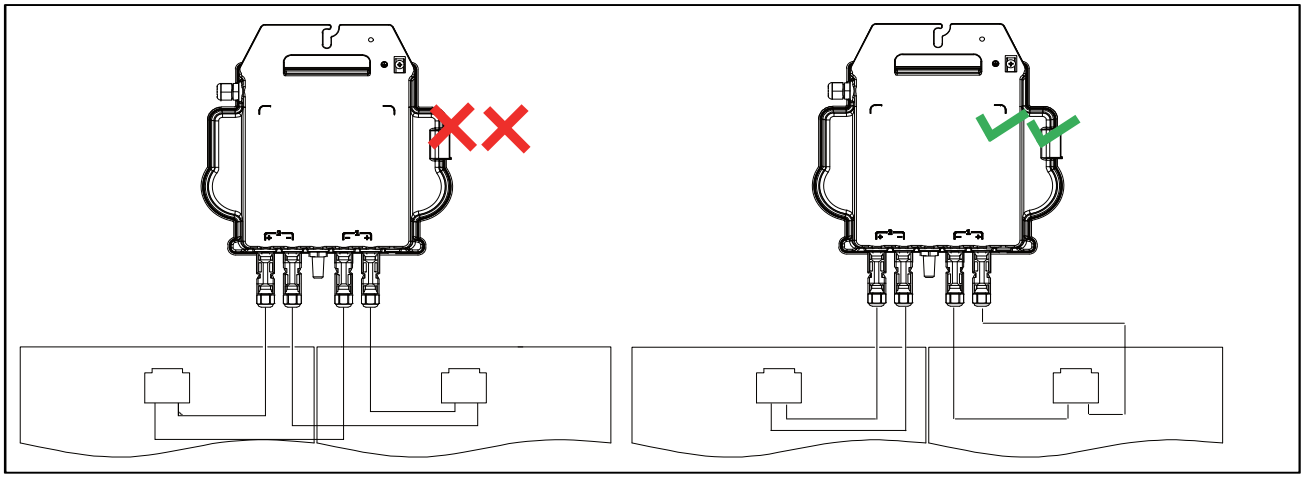
Erfolg:

· Grünes Licht blinkt 10 Mal

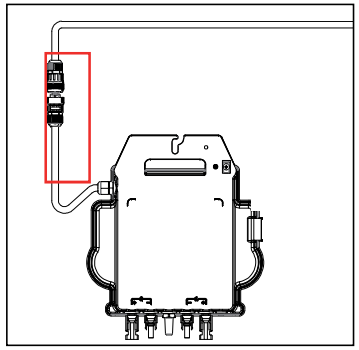
Hinweis:

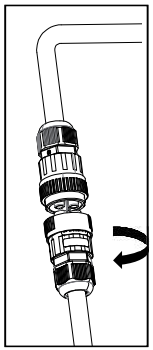
· Die Lichter blinken grün für 10 Sekunden, wenn das Gleichstromkabel ordnungsgemäß mit dem PV-Panel verbunden ist.

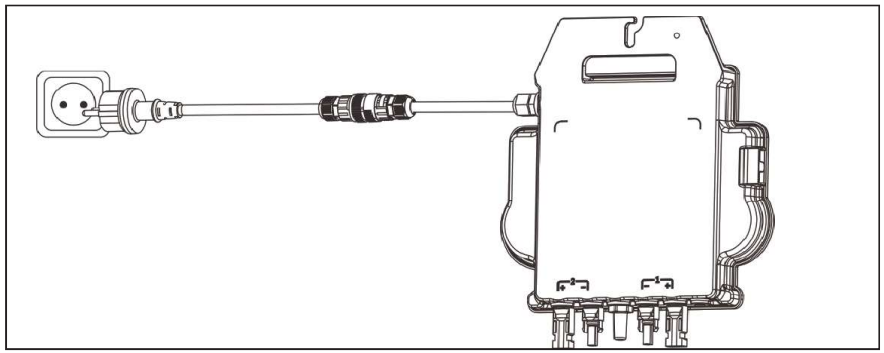
· Trennen Sie das positive und negative Gleichstromkabel nicht in zwei verschiedene Eingangskanäle auf.



Schritt 9: Kabelverbindung







Schritt 10: Holen Sie sich die App

IOS:

- Gehe zum App Store
- Suche nach "AP EasyPower"
- Lade es herunter und installiere es

Android 1:

- Gehe zum Google Play Store
- Suche nach "AP EasyPower"
- Lade es herunter und installiere es

Android 2:

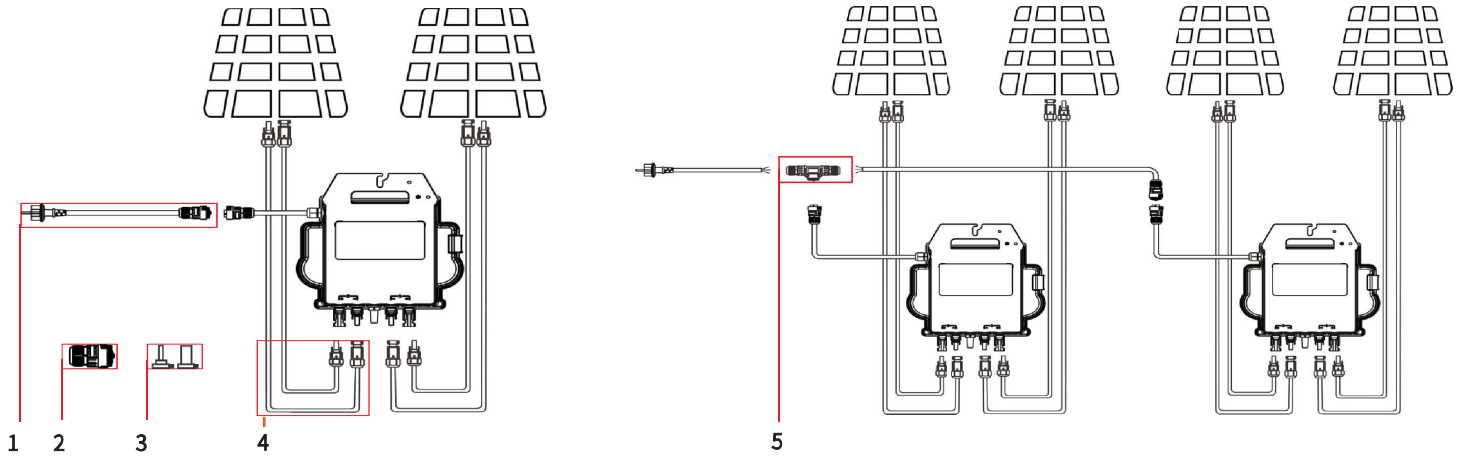
- Öffne https://apsystems.com. Wähle deine Region aus
- Klicke auf das Tab-Menü "Apps" unter "Produkte"
- Lade es herunter und installiere es

Hinweis:

Die App bietet zwei Steuerungsmodi: den Direktsteuerungsmodus und den Remote-Modus.

Bei fehlender Wi-Fi-Verbindung können Benutzer das Gerät im Direktverbindungmodus überwachen und steuern.

Schritt 11: Übersicht des Anwenderszenarios



1. Netzkabel (1.5 mm², 5 m)
2. AC-Steckverbinder (3C, 17,5 A, weiblich)
3. DC-Male/Female-Anschlusskappe (MC4)
4. DC-Verlängerungskabel (MC4)
5. AC-T-Stecker (3C, 17,5 A)

Hinweis:

- Versuchen Sie nicht, den Mikro-Wechselrichter selbst zu reparieren. Wenn Sie einen Defekt vermuten, wenden Sie sich bitte an Ihren örtlichen Händler für technischen Support. Sie werden Ihnen bei der Fehlerbehebung helfen und Ihnen eine RMA (Return Merchandise Authorization)-Nummer geben, falls ein Ersatz erforderlich ist.
- Berühren Sie die Oberfläche des Produkts nicht, wenn es in Betrieb ist.
- Trennen Sie den Mikro-Wechselrichter und das PV-Panel nicht, wenn der Wechselrichter noch mit dem Stromnetz verbunden ist.
- Alle elektrischen Installationen müssen gemäß den örtlichen elektrischen Vorschriften durchgeführt werden.

EC REP

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