



X1-MINI G4

0.6 kW / 0.7 kW / 0.8 kW / 1.1 kW / 1.5 kW / 2.0 kW
/ 2.5 kW / 3.0 kW / 3.3 kW / 3.7 kW / 4.0 kW

Installation Manual

Version 11.0

www.solaxpower.com















X1-MINI G4
eManual in the QR code or at
<http://kb.solaxpower.com/>

Avis général

1. Le contenu peut être périodiquement mis à jour ou révisé. SolaX se réserve le droit d'apporter des améliorations ou des modifications au(x) produit(s) et au(x) programme(s) décrit(s) dans ce manuel sans préavis.
2. L'installation, la maintenance et le réglage lié au réseau ne peuvent être effectués que par du personnel qualifié qui:
 - sont agréés et/ou satisfont aux exigences de la réglementation nationale et locale ;
 - ont une bonne connaissance de ce manuel et des autres documents connexes.
3. Avant d'installer l'appareil, lisez attentivement, comprenez parfaitement et suivez strictement les instructions détaillées du manuel d'utilisation et d'autres réglementations connexes. SolaX ne sera pas responsable des conséquences causées par la violation de la réglementation concernant le stockage, le transport, l'installation et l'exploitation spécifiées dans ce document et le manuel d'utilisation.
4. Utiliser des outils isolés lors de l'installation de l'appareil. Des outils de protection individuels doivent être portés lors de l'installation, du raccordement électrique et de la maintenance.
5. Veuillez visiter le site Web www.solaxpower.com de SolaX pour obtenir de plus amples informations.

Descriptions des étiquettes

	Marquage CE de conformité		Homologation TÜV
	Marquage RCM de conformité		Marquage BIS de conformité
	Attention, surface chaude		Attention, risque de choc électrique
	Attention, risque de danger		Lire la documentation jointe
	Ne pas jeter l'onduleur avec les ordures ménagères		Point de mise à la terre supplémentaire
	Ne pas faire fonctionner cet onduleur tant qu'il n'est pas isolé du secteur et des fournisseurs de production PV sur site.		
	Risque de haute tension. Ne pas toucher pas les pièces sous tension avant un délai de 5 minutes après la déconnexion des sources d'alimentation.		

Remarque : Le tableau n'est utilisé que pour la description des symboles qui peuvent être utilisés sur l'onduleur. Veuillez respecter les symboles réels sur l'appareil.

! DANGER!**Danger de mort par choc électrique dû à l'onduleur**

- N'exploitez l'onduleur que s'il est techniquement irréprochable. Sinon, un choc électrique ou un incendie pourrait se produire.
- Ne jamais ouvrir le boîtier sans l'autorisation de SolaX. L'ouverture non autorisée annulera la garantie et peut entraîner un danger mortel ou des blessures graves par choc électrique.

! DANGER!**Danger de mort par choc électrique dû au PV**

- Lors d'une exposition à la lumière du soleil, une tension continue élevée sera générée par le générateur photovoltaïque. La mort ou des blessures mortelles se produiront en raison d'un choc électrique.
- Ne jamais toucher le pôle positif ou négatif du dispositif de connexion PV. Il est également interdit de toucher les deux en même temps.
- Ne pas mettre à la terre le pôle positif ou négatif des modules PV.
- Seul un personnel qualifié peut effectuer le câblage des panneaux PV.

! AVERTISSEMENT!**Risque de blessures corporelles ou de dommages à l'onduleur**

- Pendant le fonctionnement, ne touchez aucune pièce autre que l'interrupteur CC et le panneau LCD.
- Ne jamais brancher ni débrancher les fiches CA et CC lorsque l'onduleur fonctionne.
- Coupez l'alimentation CA et CC et déconnectez-les de l'onduleur, attendez 5 minutes pour décharger complètement la tension avant de tenter toute maintenance, nettoyage ou travail sur les circuits connectés.
- S'assurer que la tension d'entrée CC soit \leq à la tension d'entrée CC nominale maximale de l'onduleur. Une surtension peut causer des dommages permanents à l'onduleur, ce qui n'est PAS couvert par la garantie.

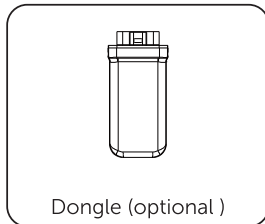
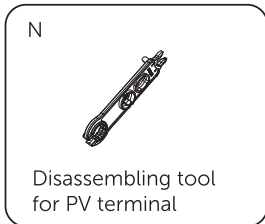
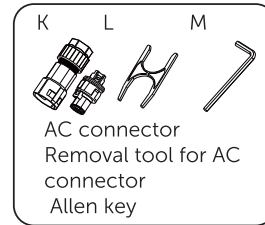
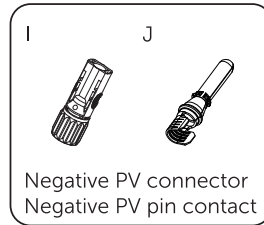
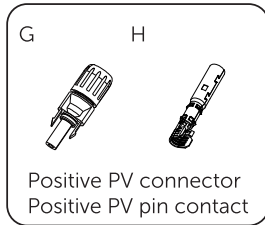
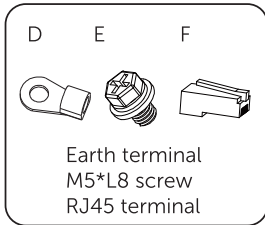
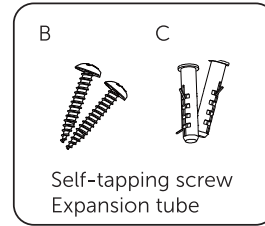
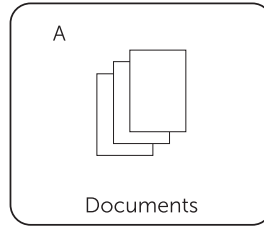
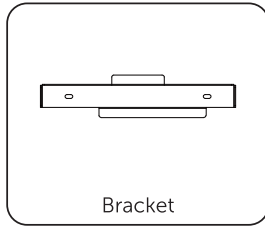
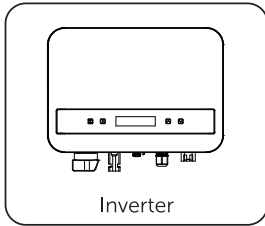
! ATTENTION!

- Tenir les enfants éloignés de l'onduleur.
- Prêter attention au poids de l'onduleur. Des blessures personnelles peuvent être causées si le produit n'est pas manipulé correctement.

PRUDENCE!

- L'inverseur dispose d'une unité de surveillance de courant résiduel de type B (RCMU) intégrée.
- Si un disjoncteur externe est requis par les réglementations locales, vérifiez quel type de disjoncteur est requis pour les codes électriques pertinents. Il est recommandé d'utiliser un disjoncteur de type A avec une valeur de 300 mA.
- Toutes les étiquettes de produit et la plaque signalétique de l'onduleur doivent rester clairement visibles.

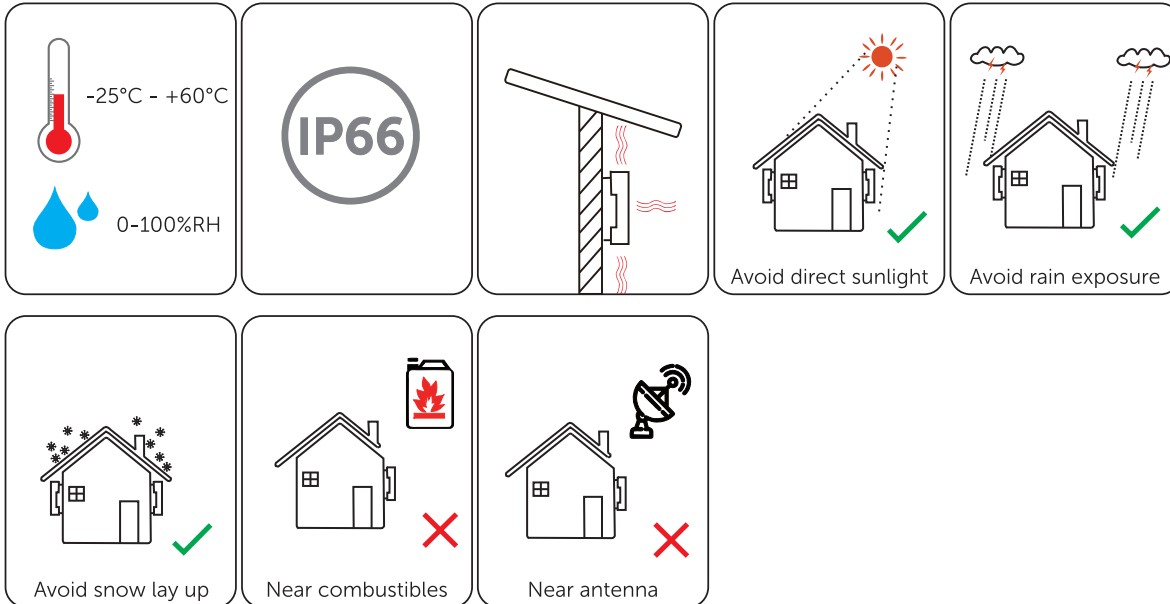
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*Refer to the actual delivery for the optional accessories.

Item No.	Items	Quantity
/	Inverter	1 pc
/	Bracket	1 pc
A	Documents	/
B	Self-tapping screw	2 pc
C	Expansion tube	2 pc
D	Earth terminal	1 pc
E	M5*L8 screw	1 pc
F	RJ45 terminal	1 pc
G	Positive PV connector	1 pc
H	Positive PV pin contact	1 pc
I	Negative PV connector	1 pc
J	Negative PV pin contact	1 pc
K	AC connector	1 pc
L	Removal tool for AC connector	1 pc
M	Allen key	1 pc
N	Disassembling tool for PV terminal	1 pc
/	Dongle (optional)	1 pc

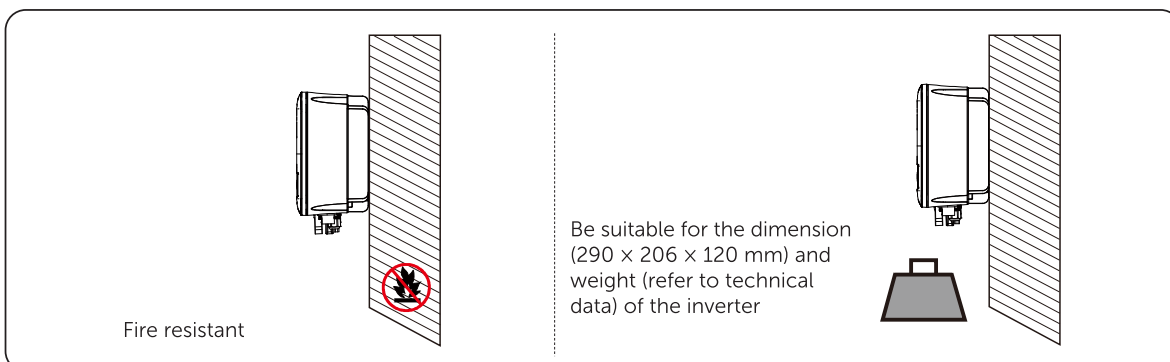
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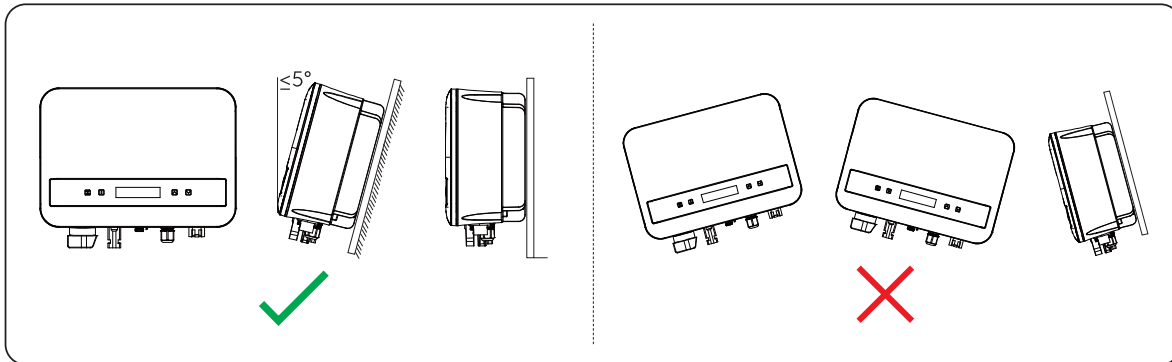
NOTICE

- For outdoor-installation, precautions against direct sunlight, rain exposure and snow accumulation are recommended.
- Exposure to direct sunlight raises the temperature inside the device. This temperaturerise poses no safety risks, but may impact the device-performance.

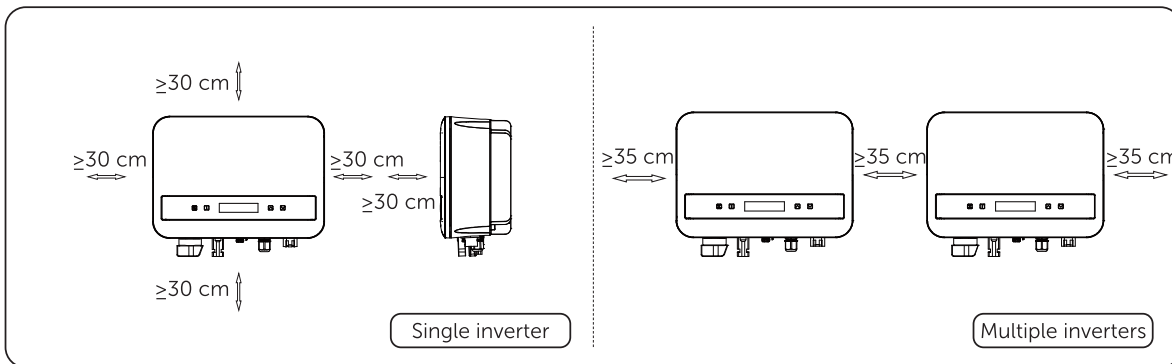
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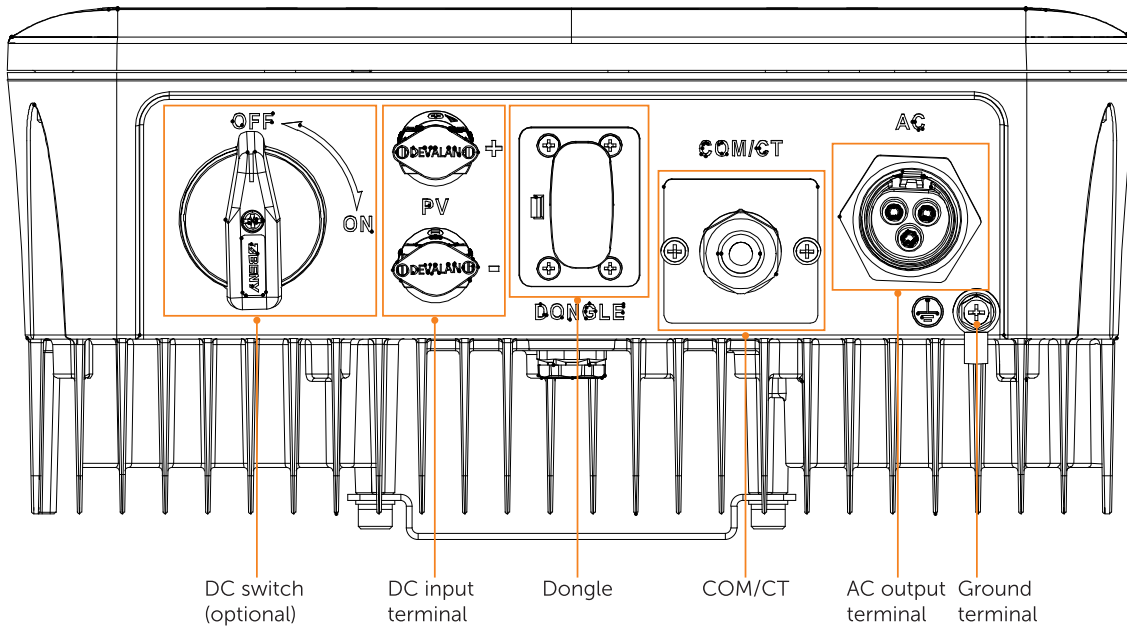
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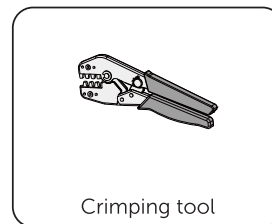
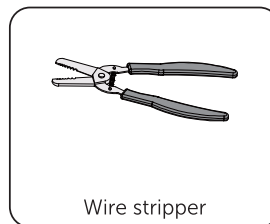
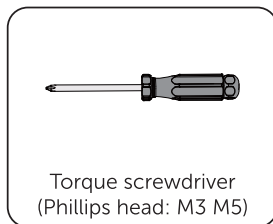
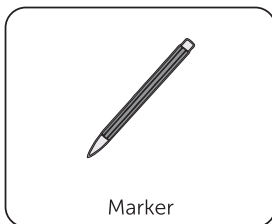
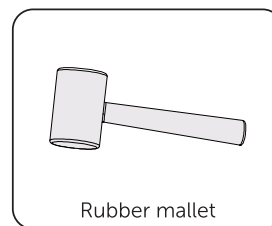
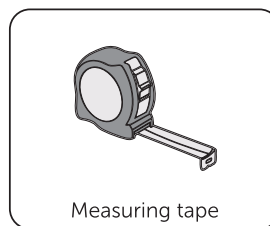
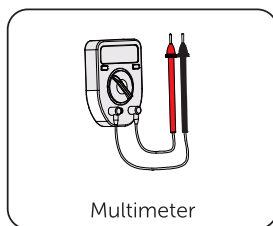
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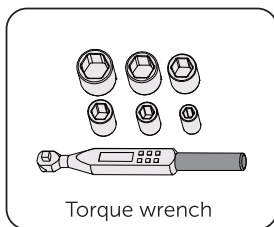


Terminal Description / Terminalbeschreibung / Description du terminal / Descripción del terminal / Descrição do terminal / Terminalbeschrijving / Descrizione del terminale / Opis terminala / Popis terminálu / Terminalbeskrivning / Descrierea terminalului / Описание на терминала / Terminalbeskrivelse / Περιγραφή τερματικού / Terminali kirjeldus / Terminallin kuvaus / Opis terminala / Terminál leírása / Terminalo aprašymas / Termināla apraksts / Opis terminala / Opis terminala / Описание терминала / Опис терминалу / Terminal Açıklaması / Descrição do terminal

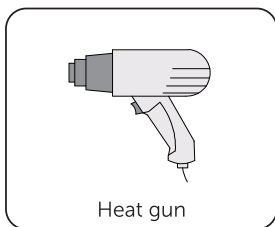


Installation Tools / Installationswerkzeuge / Outils d'installation / Herramientas de instalación / Ferramentas de instalação / Installatiemiddelen / Utensili di installazione / Narzędzia do instalacji / Instalační nástroje / Verktyg för installation / Instrumente de instalare / Монтажни инструменти / Monteringsværktøjer / Εργαλεία εγκατάστασης / Paigaldamise tööriistad / Asennustyökalut / Alati za ugradnju / Telepitő eszközök / Montavimo įrankiai / Uzstādīšanas instrumenti / Nástroje pre inštaláciu / Orodja za namestitvev / Инструменты для Установки / Монтажный інструмент / Kurulum Araçları / Ferramentas de Instalação

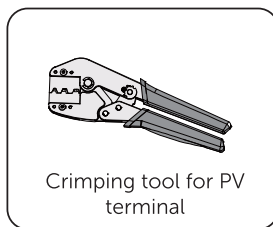




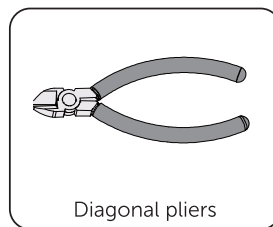
Torque wrench



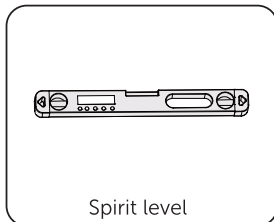
Heat gun



Crimping tool for PV terminal



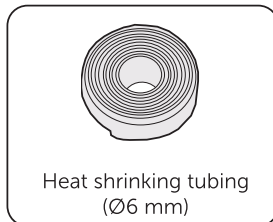
Diagonal pliers



Spirit level



Crimping tool for RJ45



Heat shrinking tubing (Ø6 mm)



Safety goggles



Anti-dust mask



Safety gloves

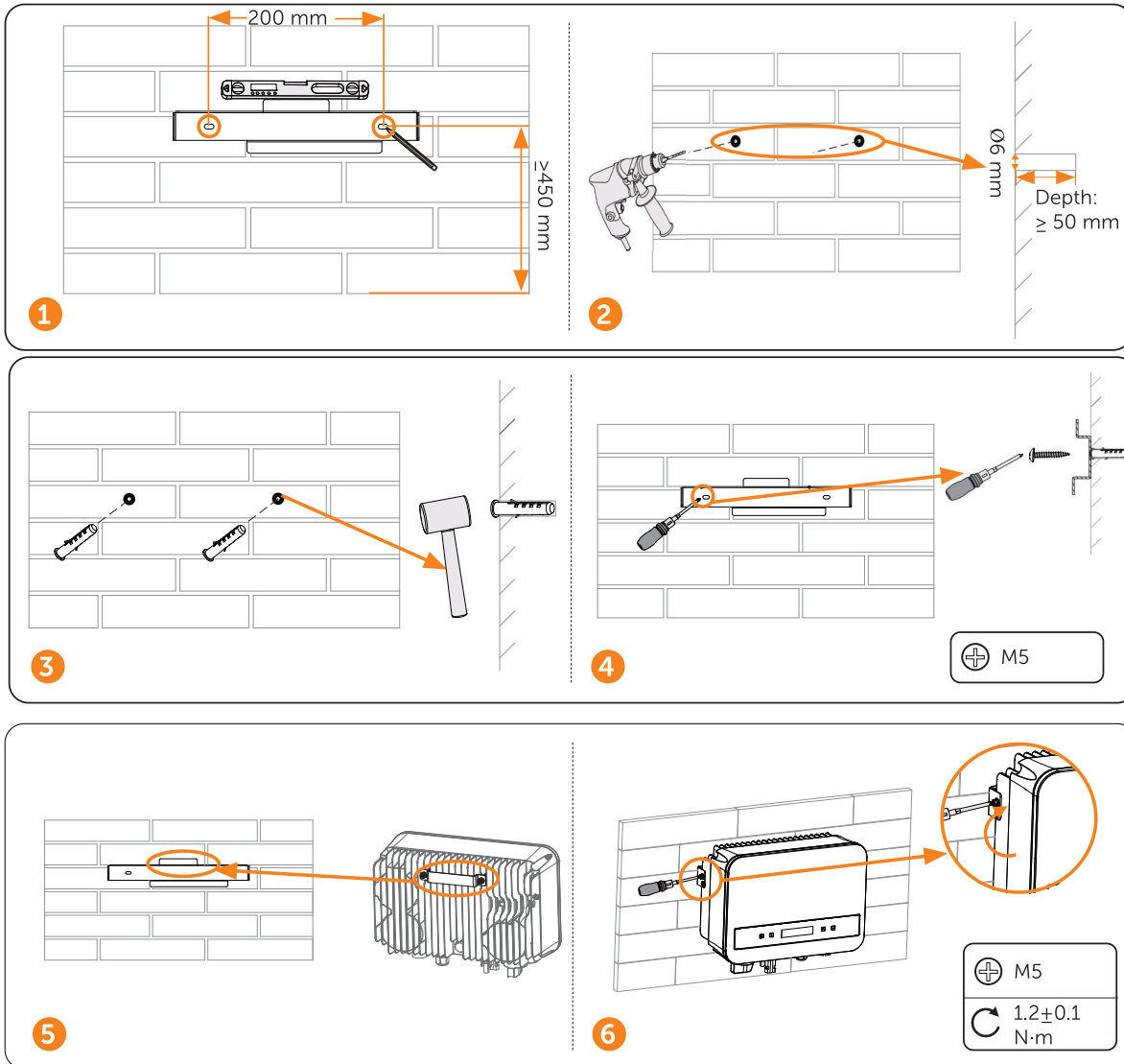


Safety boots

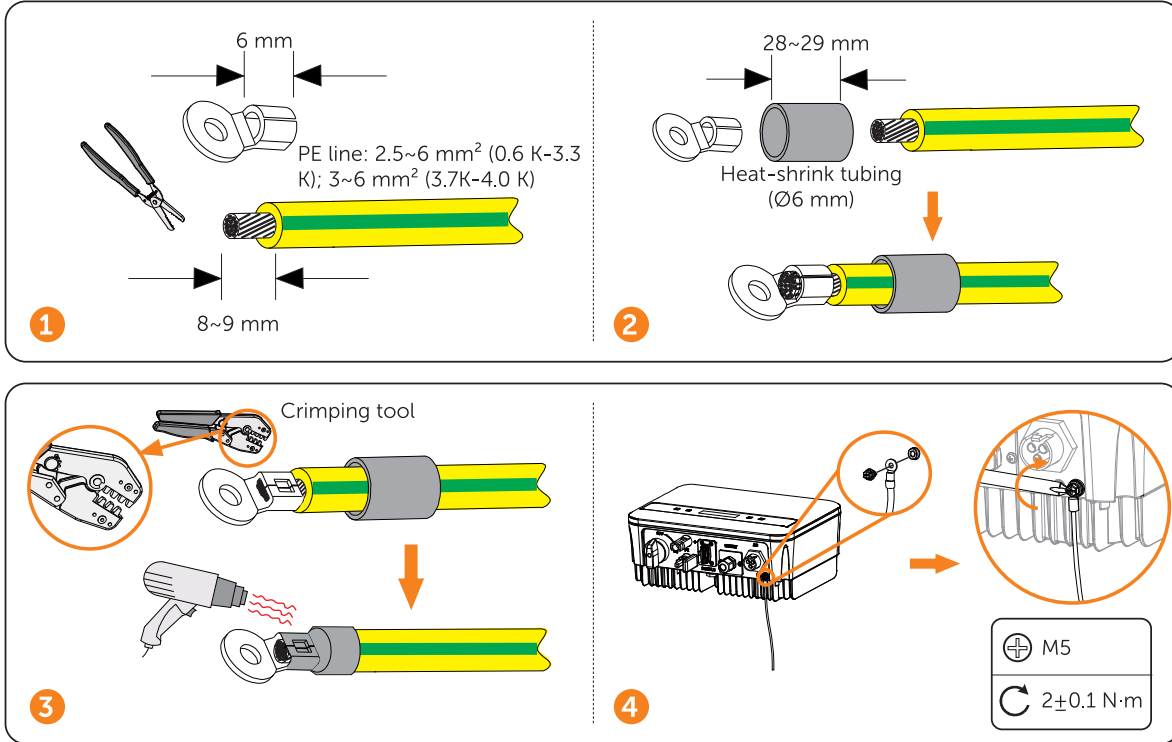
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No.	Required Material	Type	Size
1	AC circuit breaker	/	/
2	PV cable	Dedicated PV wire withstand voltage 600 V	Cross sectional area: 4~6 mm ²
3	AC cable	Three-core copper wire	Cross sectional area: 2.5~6 mm ² (0.6 K-3.3 K); 3~6 mm ² (3.7 K-4.0 K)
4	Communication cable	Network cable CAT5	External diameter: Ø2-6 mm
5	PE cable	Conventional yellow and green wire	Cross sectional area: 2.5~6 mm ² (0.6 K-3.3 K); 3~6 mm ² (3.7 K-4.0 K) * The cross-sectional area of PE line should be the same as that of L/N line.

Mechanical Installation / Mechanische Installatie / Installation mécanique / Instalación mecánica / Instalação mecânica / Mechanische installatie / Installazione meccanica / Instalacja mechaniczna / Mechanická instalace / Mekanisk installation / Instalare mecanică / Механичен монтаж / Mekanisk installation / Μηχανική εγκατάσταση / Mehaaniline paigaldus / Mekaaninen asennus / Mehanička ugradnja / Mechanikai telepítés / Mechaninis montavimas / Mehāniskā uzstādīšana / Mechanická inštalácia / Mehanska namestitvev / Механическая Установка / Механічне встановлення / Mekanik Kurulum / Instalação Mecânica



PE Connection / Schutzerdungs-Anschluss / Connexion PE / Conexión PE / Ligação à Terra / PE-aansluiting / Collegamento PE / Potężenie PE / PE připojení / PE-anslutning / Conexiune PE / PE връзка (земя) / Jordforbindelse / Σύνδεση PE / PE ühendus / PE-yhteys / PE priključak / PE bekötés / PE (apsauginio žeminimo) kontaktas / PE savienojums / Pripojenie ochranného vodiča / PE povezava / Подключение заземления / Підключення заземлення / PE Bağlantısı / Conexão PE



AC Side Connection / Wechselstrom-seitiger Anschluss / Connexion côté CA / Conexión lateral de CA / Ligação lateral CA / Aansluiting wisselspanningszijde / Collegamento lato CA / Połączenie po stronie AC / Boční připojení střídavého proudu / Anslutning på AC-sidan / Conexiune laterală c.a. / Свързване от AC страната / AC-sidetilslutning / Πλαϊνή σύνδεση AC / Vahelduvoolupoolne ühendus / AC-puolen liitäntä / Priključak za izmjeničnu struju (AC) / Váltóáram-oldali bekötés / AC (kint. sr.) šoninis kontaktas / Maiņstrāvas puses savienojums / Pripojenie na strane striedavého prúdu / AC stranska povezava / Подключение на стороне переменного тока AC / Підключення живлення змінного струму / AC Yan Bağlantı / Conexão do Lado CA

52.5 mm
Outer jacket Ø6-15 mm
L
N
PE
6 mm
55 mm
L/N/PE line: 2.5~6 mm² (0.6 K-3.3 K); 3~6 mm² (3.7 K-4.0 K)
1 * The cross-sectional area of PE line should be the same as that of L/N line.

Separate these two parts
2

3 AC Cable

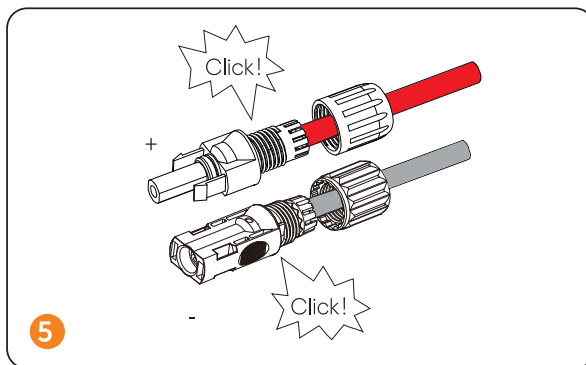
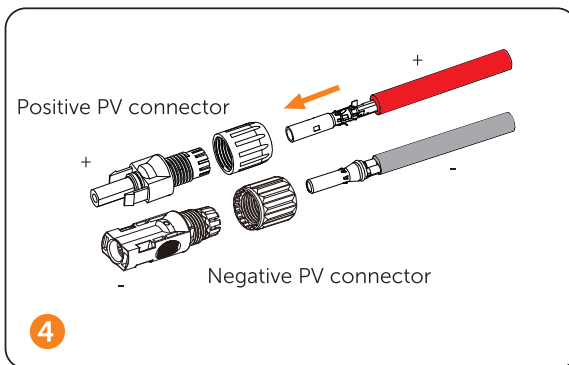
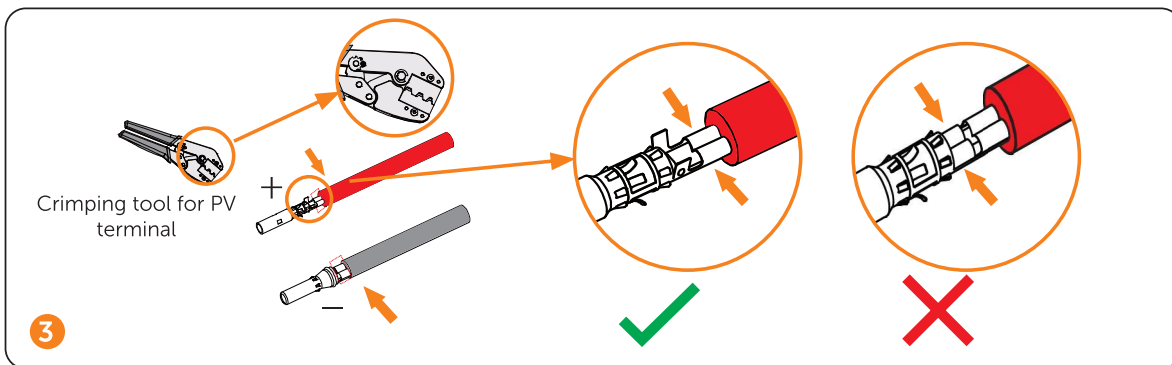
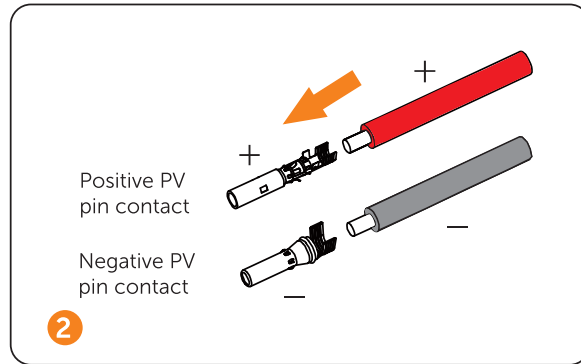
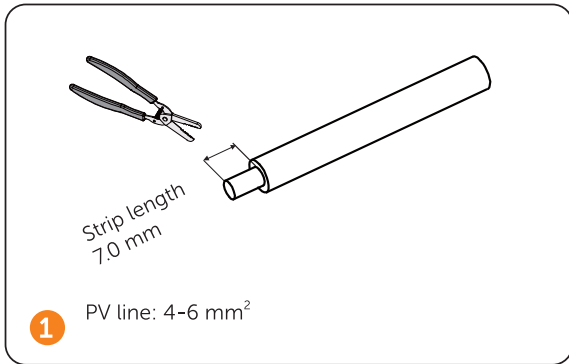
4 0.5±0.1 N·m

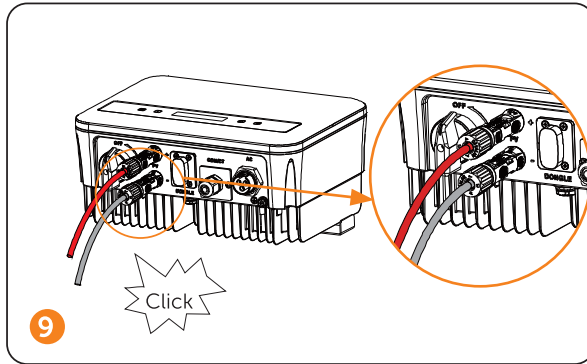
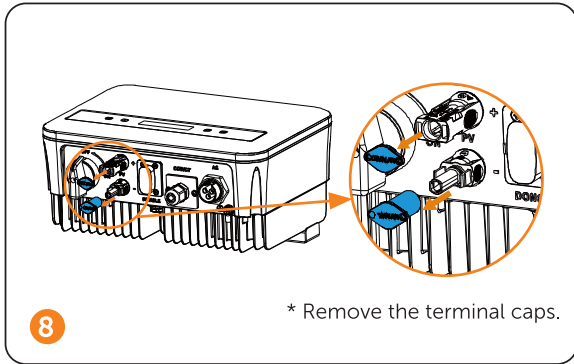
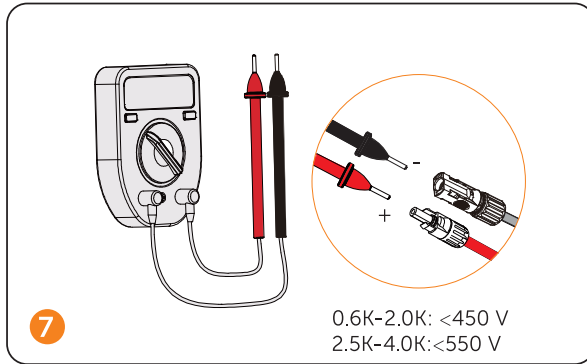
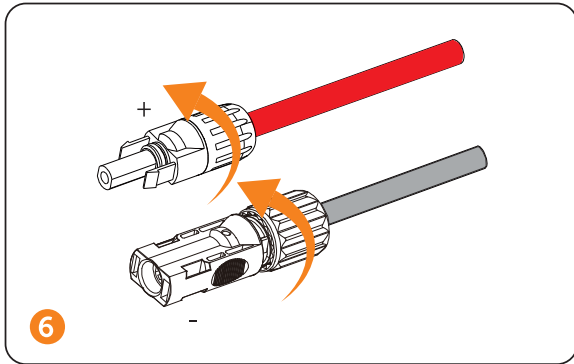
5 Click

6 3±0.3 N·m

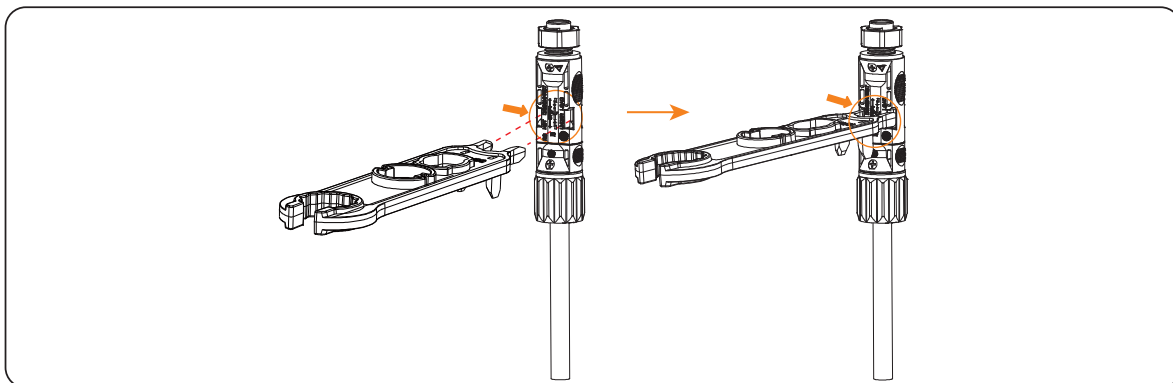
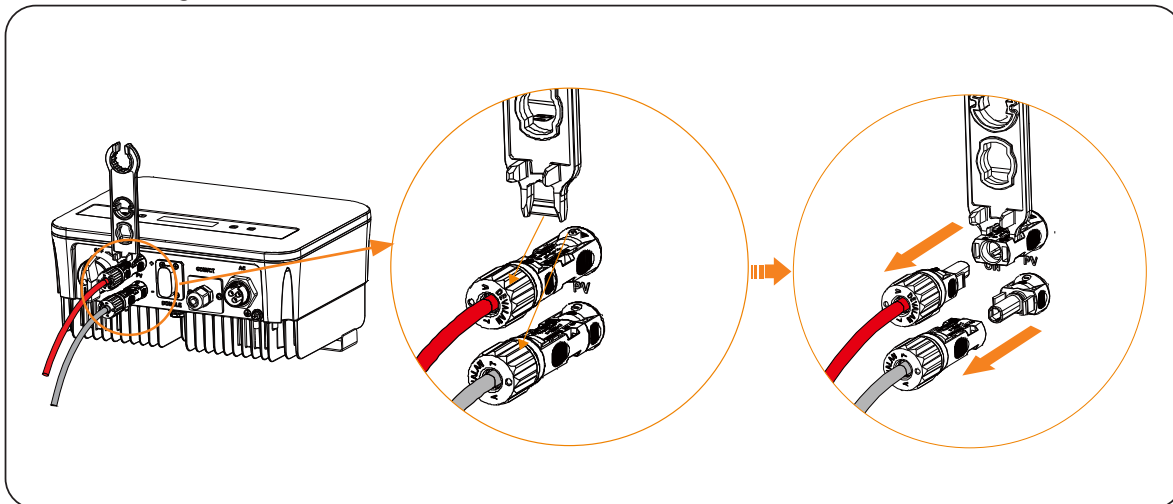
7 Click

DC Side Connection / Gleichstrom-seitiger Anschluss / Connexion côté CC / Conexión lateral de CC / Ligação lateral CC / Aansluiting gelijkspanningszijde / Collegamento lato CC / Połączenie po stronie DC / Boční připojení stejnosměrného proudu / Anslutning på DC-sidan / Conexiune laterală c.c. / Свързване от DC страната / DC-sidetilslutning / Πλαϊνή σύνδεση DC / Alalisvoolupoolne ühendus / DC-puolen liitântä / Priključak za istosmjernu struju (DC) / Egenáram-oldali bekötés / DC (nuol. sr.) šoninis kontaktas / Līdzstrāvas puses savienojums / Pripojenie na strane jednosmerného prúdu / DC stranska povezava / Підключення живлення змінного струму / Підключення живлення постійного струму / DC Yan Bağlantı / Conexão do Lado CC

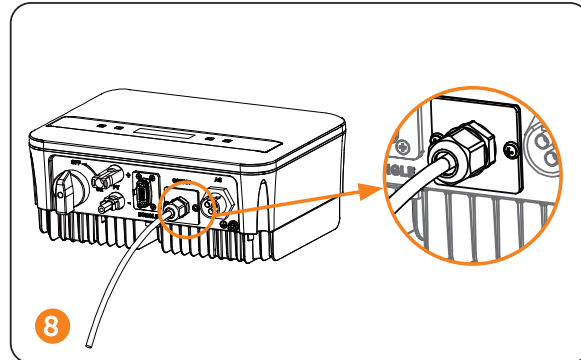
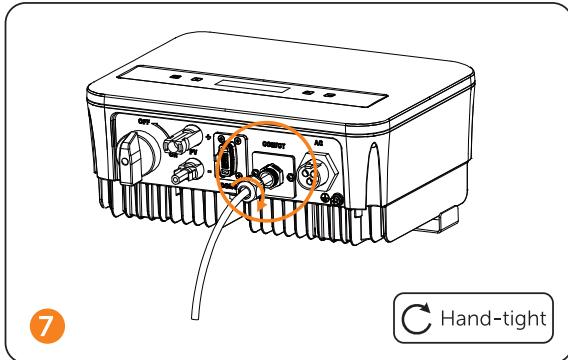
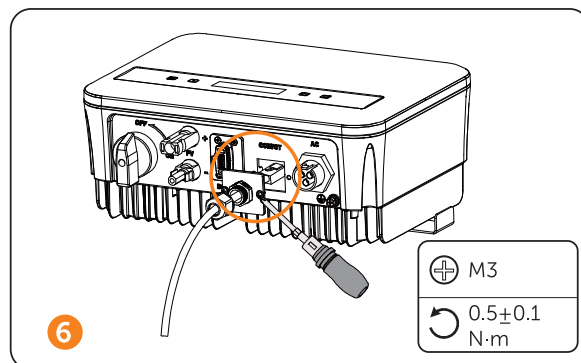
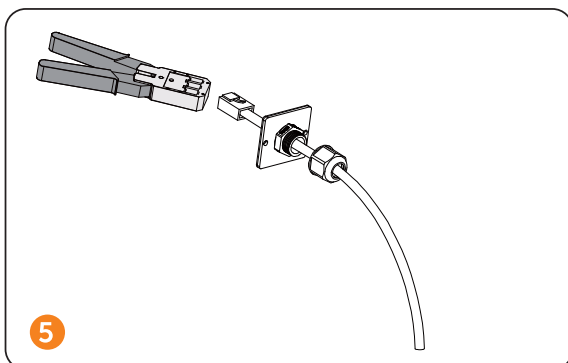
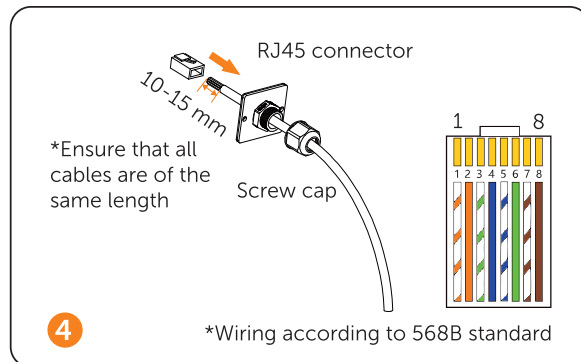
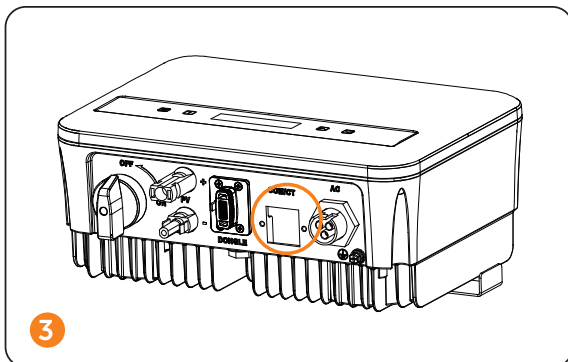
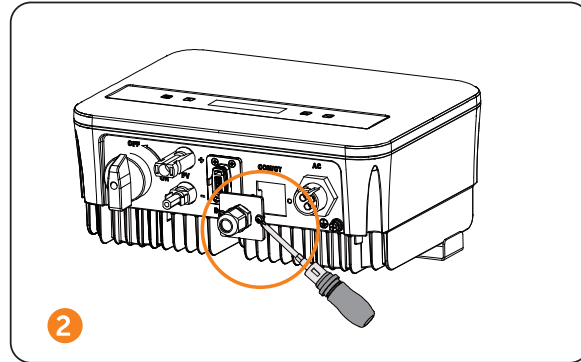
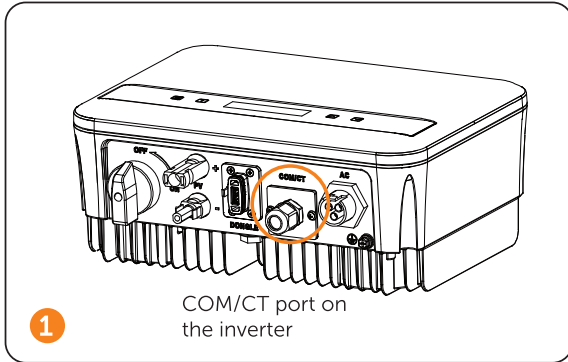




Disassembling the PV cables



Communication Connection / Kommunikations-Anschluss / Branchement de communication / Conexión de comunicación / Ligação à Comunicação / Communicatie-aansluiting / Collegamento comunicazione / Połączenie komunikacyjne / Komunikační připojení / Kommunikationsanslutning / Conexiune de comunicare / Коммуникационная връзка / Kommunikationsforbindelse / Σύνδεση επικοινωνίας / Sideühendus / Tiedonsiirtoliitäntä / Priključak za komunikaciju / Kommunikációs bekötés / Duomenų ryšys / Sakaru savienojums / Pripojenie komunikácie / Komunikacijska povezava / Подключение связи / Підключення передачі даних / İletişim Bağlantısı / Conexão de Comunicação

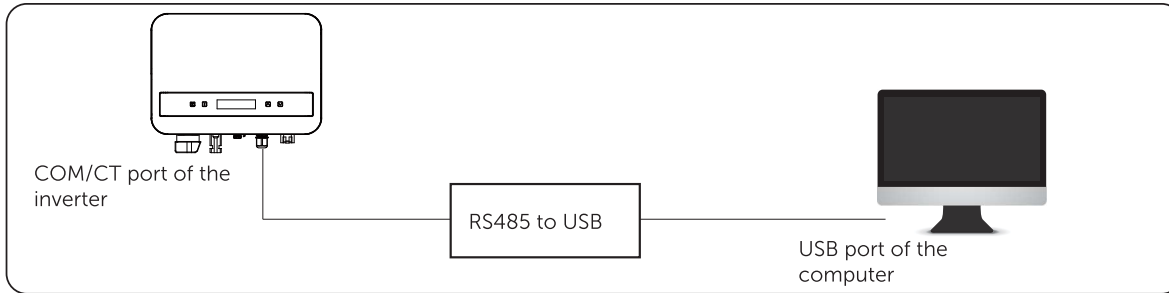


- Pin definition.

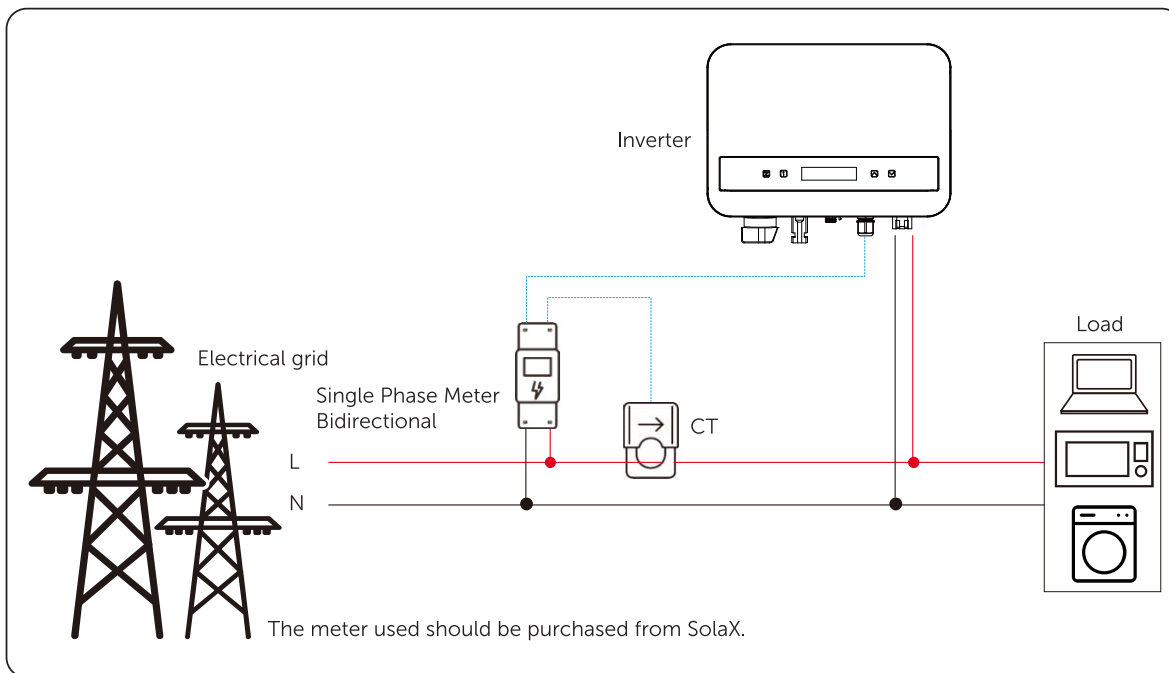
Function	CT	DRM	Heat pump	RS485/ Meter	RS485/ Meter	Heat pump	DRM	CT
Pin	1	2	3	4	5	6	7	8
Pin Definition	CT+	DRM0	Heat Pump-	485_A	485_B	Heat Pump+	+3.3V	CT-

*Note: DRM0 here is for AS4777.2 AU/NZ.

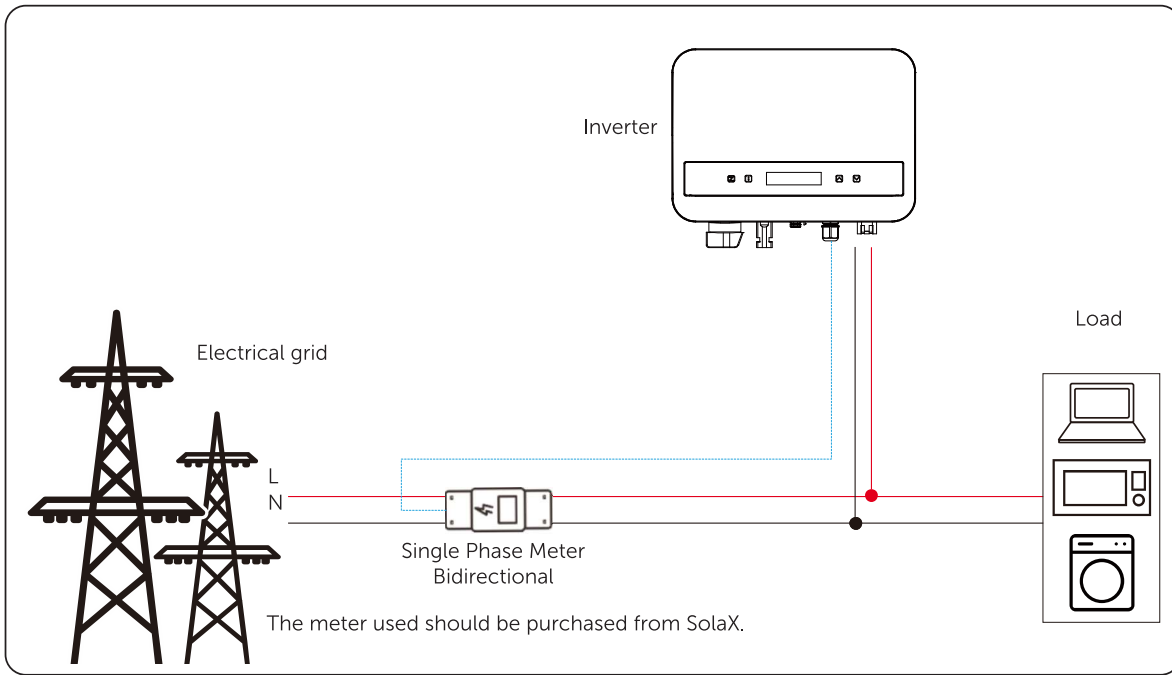
For RS485.



- For meter.
 - i. For meter with CT

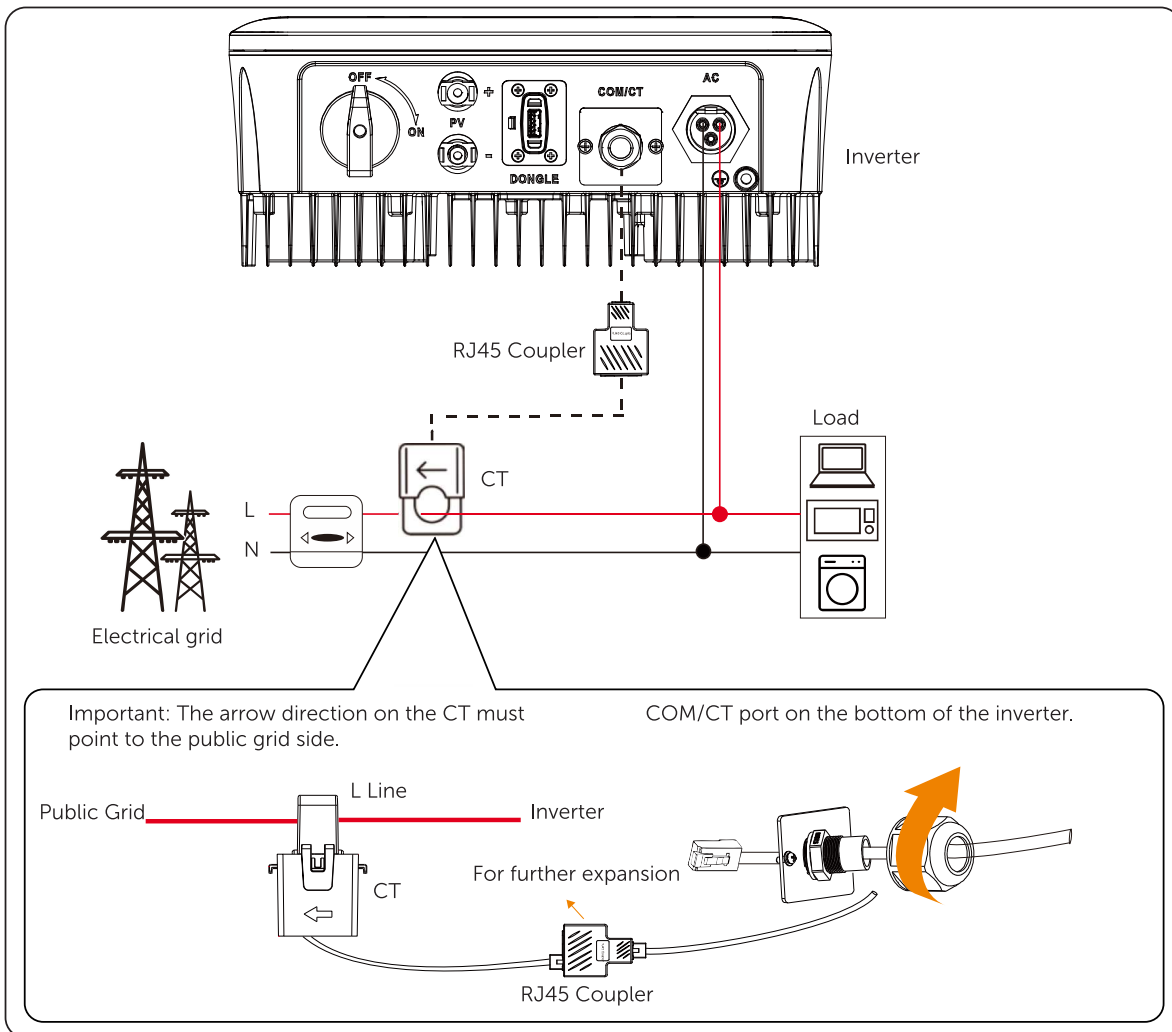


ii. For meter without CT

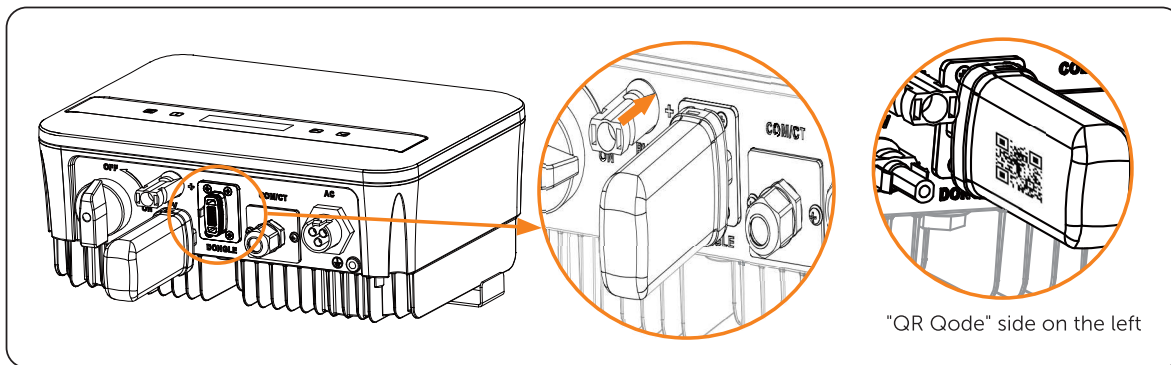


iii. For wireless meter

- For direct CT connection.



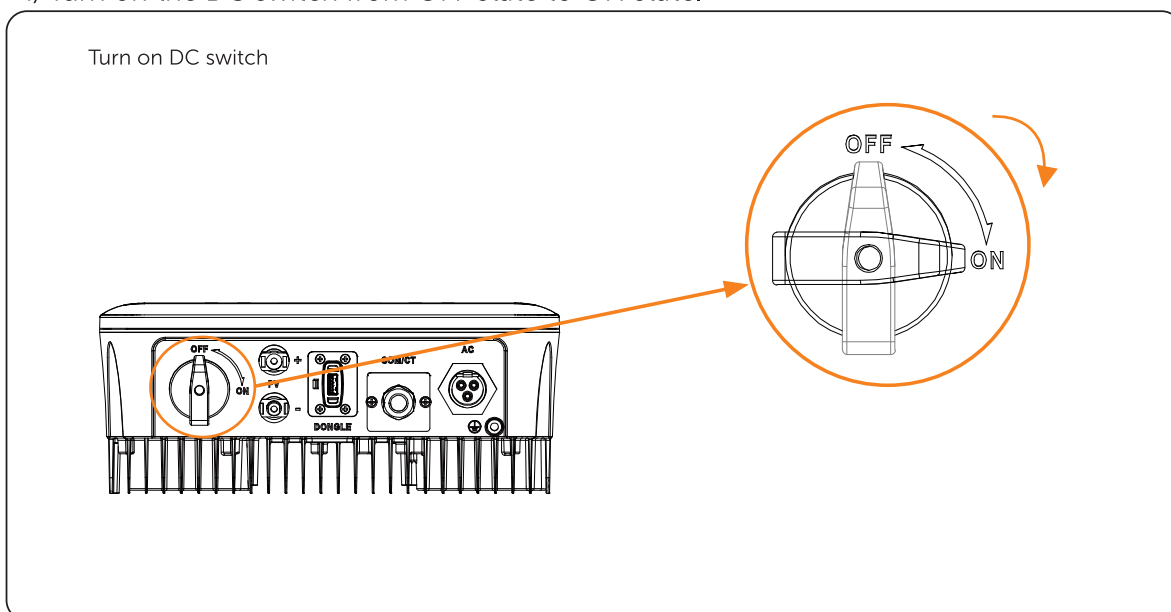
Monitoring Connection / Überwachungs-Anschluss / Branchement de surveillance / Conexión de monitorización / Ligação à Monitorização / Monitoring-aansluiting / Collegamento monitoraggio / Potężczenie na potrzeby monitorowania / Připojení ke sledování / Övervakningsanslutning / Conexiune de monitorizare / Мониторингова връзка / Overvågningsforbindelse / Σύνδεση παρακολούθησης / Seire ühendus / Valvontaliitäntä / Priključak za nadzor / Monitoring bekötés / Stebėjimo ryšys / Uzraudzības savienojums / Pripojenie monitorovania / Povezava za spremljanje / Подключеніе мониторинга / Підключення моніторингу / İzleme Bağlantısı / Conexão de Monitoramento



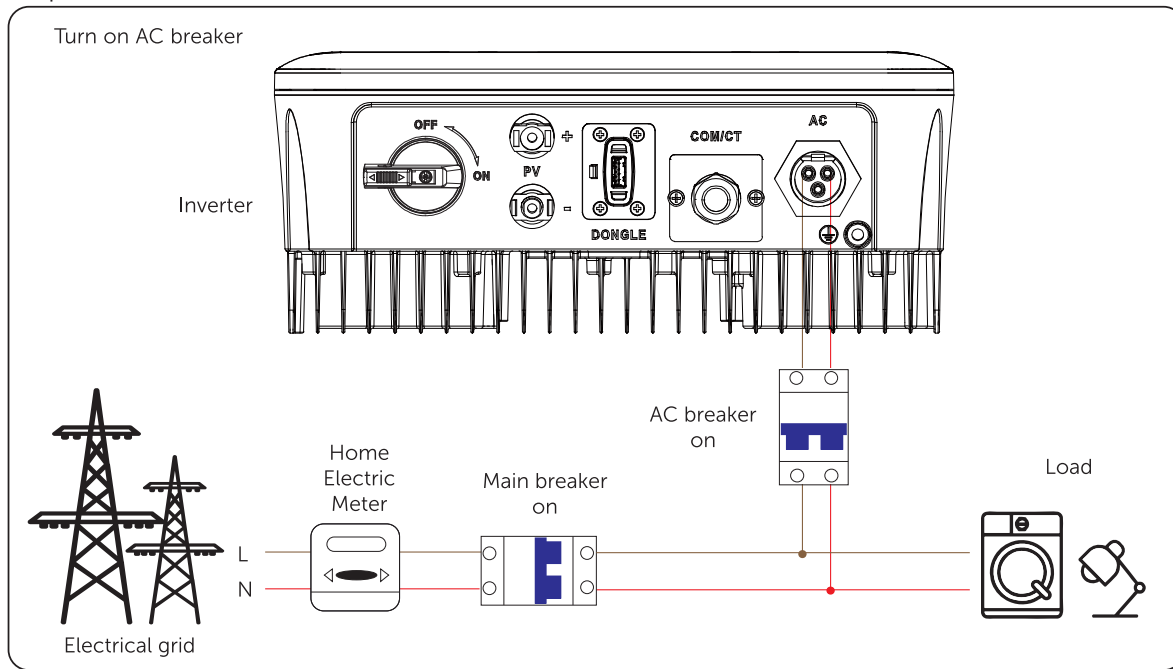
Power on the System / Schalten Sie das System ein / Mise sous tension du système / Encienda el sistema / Ligue o sistema / Het systeem inschakelen / Accensione del sistema / Włączanie systemu / Zapnutí systému / Slå på systemet / Pornire sistem / Включване на системата / Tænd for systemet / Ρεύμα στο σύστημα / Süsteemi sisselülitamine / Kytke järjestelmän virta päälle / Napajanje sustava / Rendszer áram alá helyezés / Ijungti sistemą / Ieslēdziet sistēmu / Zapnite system / Vklõpите sistem / Включеніе питания системы / Ввімкнення системи / Sistem in Gücü / Ligar o Sistema

Step 1: Turn on DC switch.

i) Turn on the DC switch from OFF state to ON state.



Step 2: Turn on AC breaker.

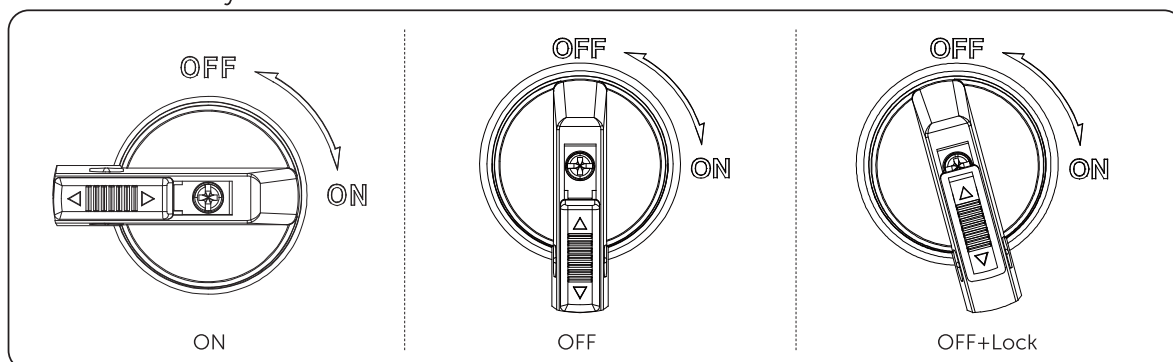


Lockable DC Switch / Abschließbarer DC-Schalter / Interrupteur CC verrouillable / Interruptor de CC con bloqueo / Interruptor CC Bloqueável / Vergrendelbare DCschakelaar / Interruttore CC bloccabile / Blokowany przetą̀cznik prądu stałego / Uzamykatelny DC vypínač / Låsbar DC-brytare / Comutator DC blocabil / **Заключващ се превключвател за постоянен ток** / Låsbar DC-afbryder / Διακόπτης DC με δυνατότητα κλειδώματος / Lukustatav alalisvoolu-lüliti / Lukittava DC-kytkin / Prekidač istosmjernje struje (DC) koji se može blokirati / Zárható DC kapcsoló / Užrakinamas nuolatinės srovės jungiklis / Bloķējams līdzstrāvas slēdzis / Uzamykatelny spínač jednosmerného prúdu / DC stikalo z možnostjo zaklepanja / **Переключатель DC Блокируемый / Перемикач DC, Що Блокується** / Kilitlenebilir DC Anahtarı / Interruptor CC bloqueável

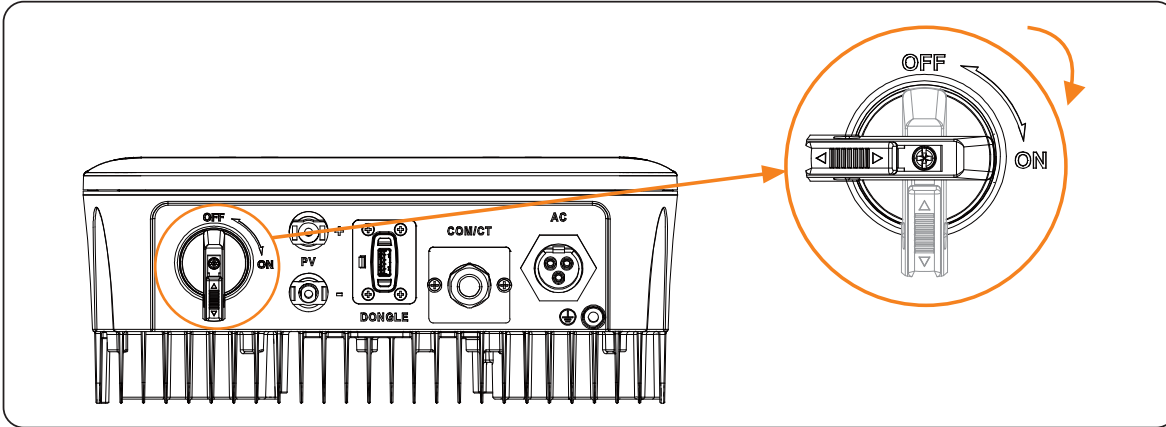
This series of inverters are provided with two kinds of DC switches: unlockable DC switch (standard; without lock) and lockable DC switch (optional; with lock). Lockable DC switch is divided into two types, please use it according to the accessory in the packing list and the corresponding instructions as follows.

- For lockable DC switch (mode 1):

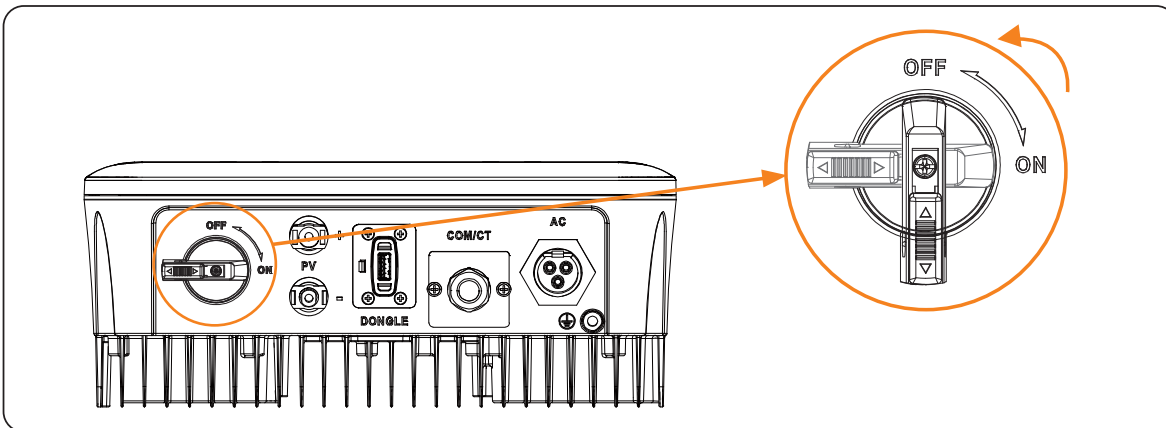
The lockable DC switch includes 3 states: ON, OFF, and OFF+Lock. The DC switch is in the OFF state by default.



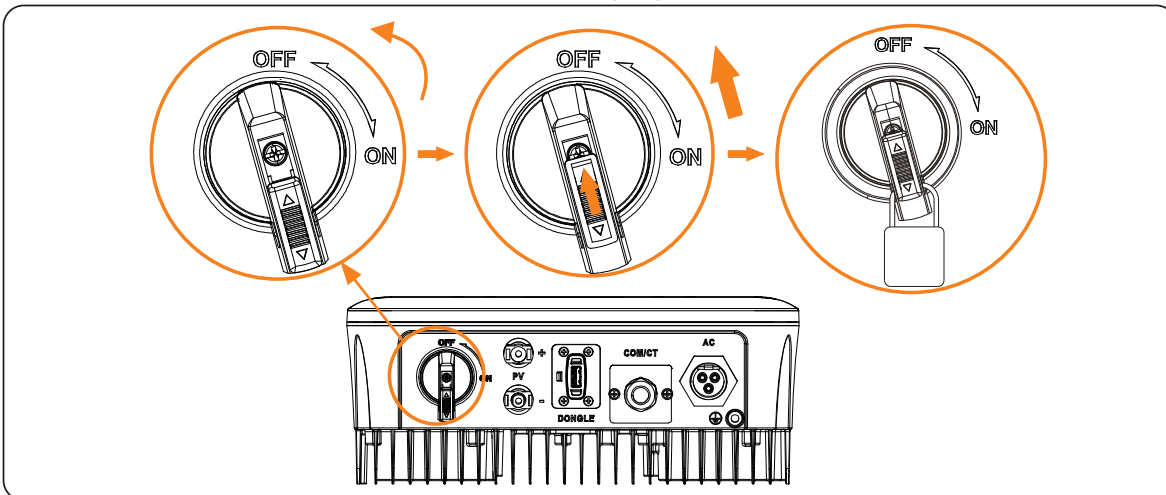
- To turn on the DC switch
 - Turn on the DC switch from OFF state to ON state.



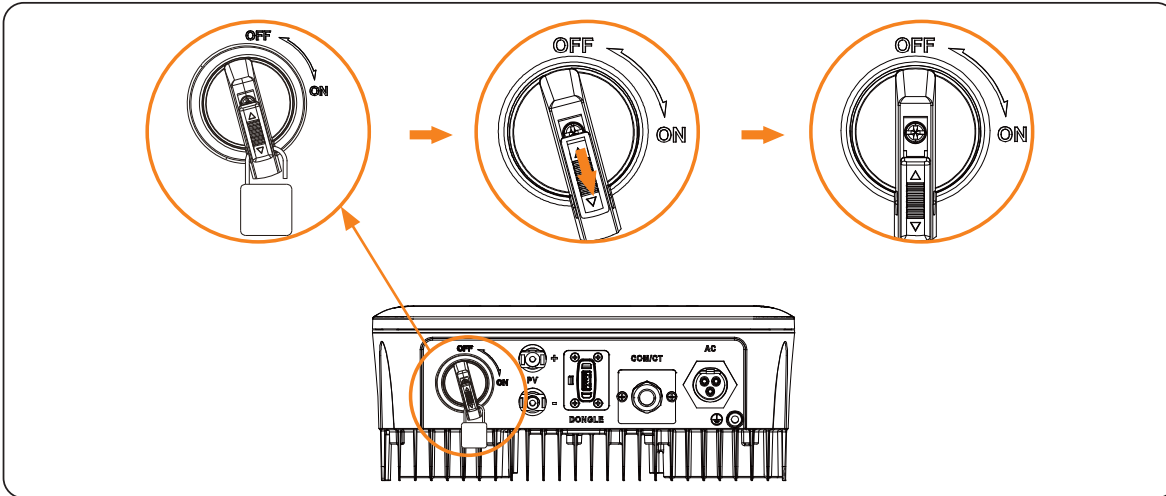
- To turn off the DC switch
 - Rotate the DC switch from ON state to OFF state.



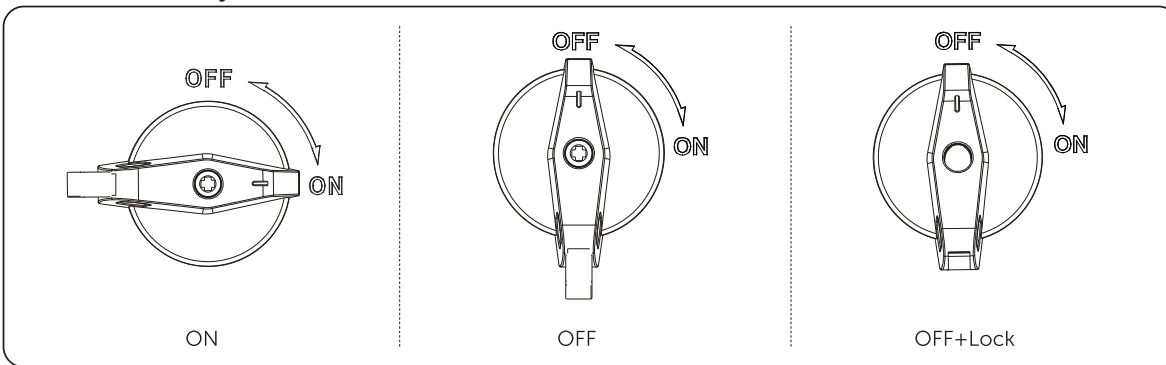
- To lock the DC switch
 - Rotate the lock to the left side;
 - Push the lock upward (as shown in the diagram below).
 - Secure the DC switch with a lock (Please prepare a lock in advance).



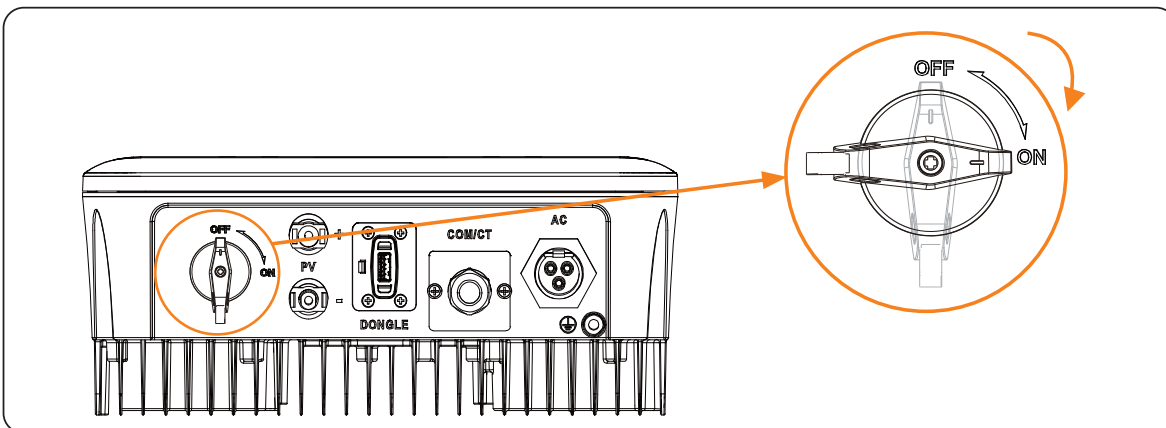
- To unlock the DC switch
 - Remove the lock.
 - Push the lock down (as shown in the diagram below);
 - Wait for it to return to OFF state.



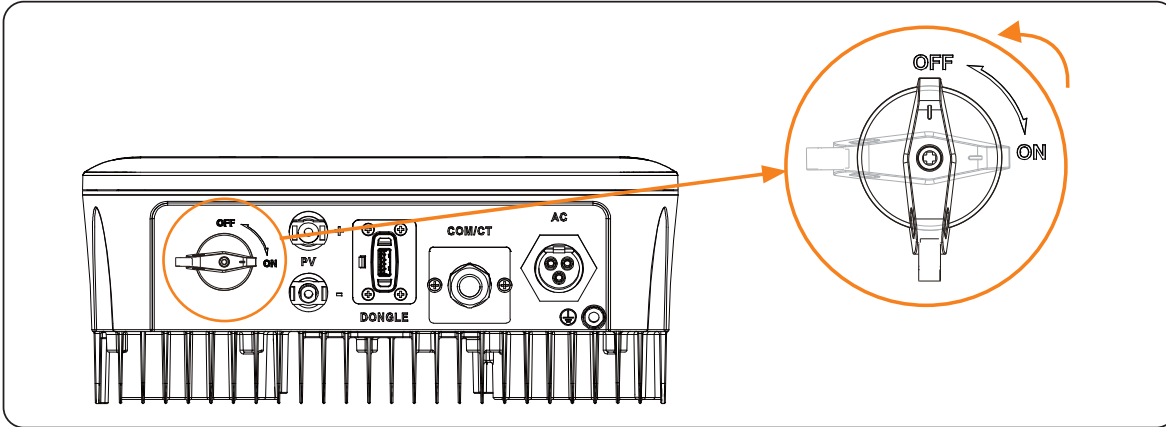
- For lockable DC switch (mode 2):
The lockable DC switch includes 3 states: ON, OFF, and OFF+Lock. The DC switch is in the OFF state by default.



- To turn on the DC switch
 - Turn on the DC switch from OFF state to ON state.

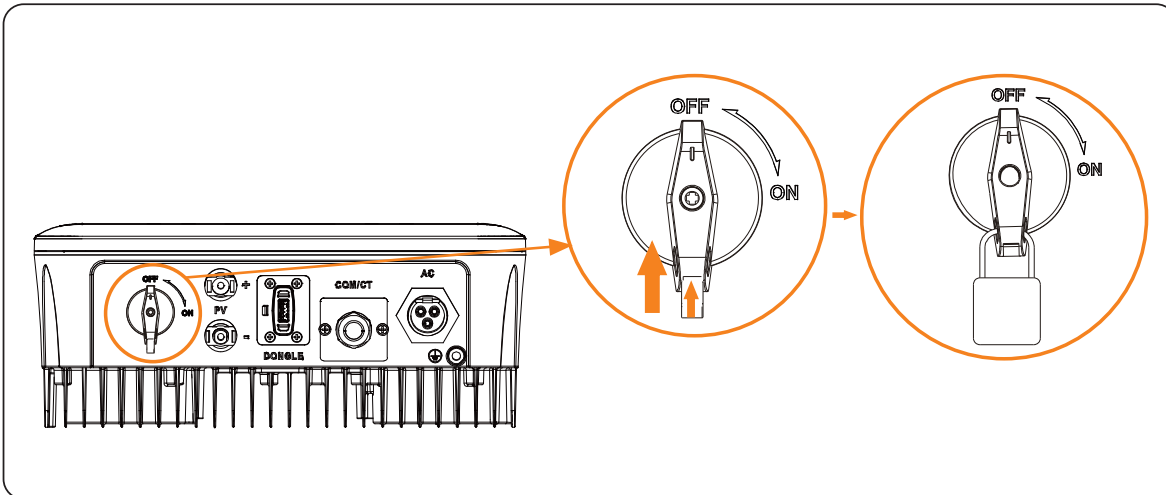


- To turn off the DC switch
 - Rotate the DC switch from ON state to OFF state.



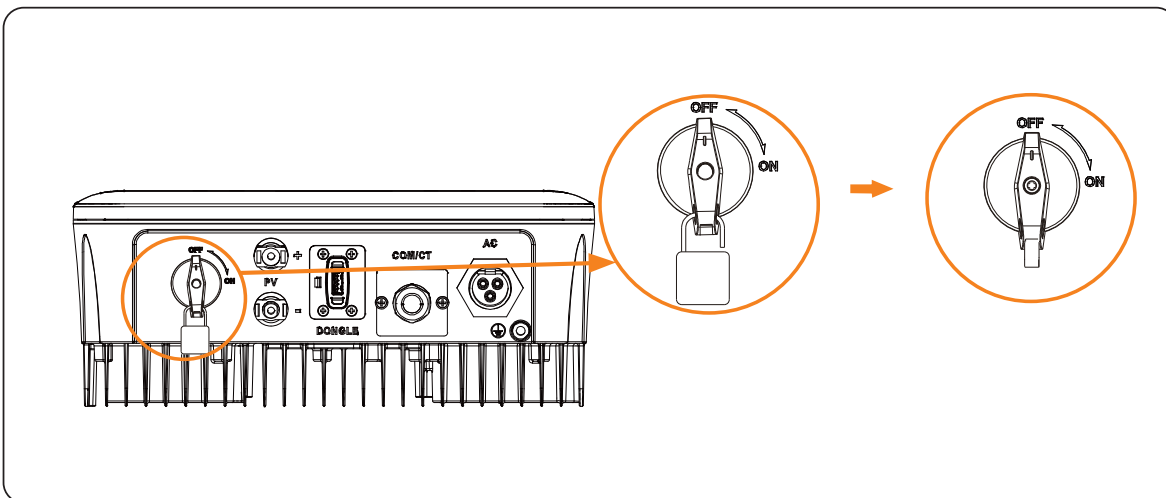
- To lock the DC switch

Make sure the DC switch is OFF state, push in the buckle as shown below, and then secure it with a lock (Please prepare a lock in advance.)

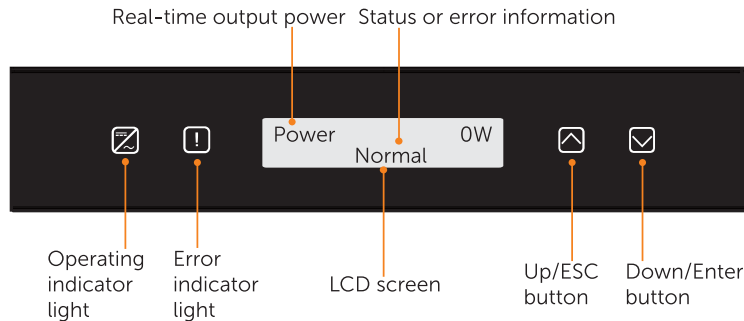


- To unlock the DC switch

Remove the lock and wait for it to return to OFF state.



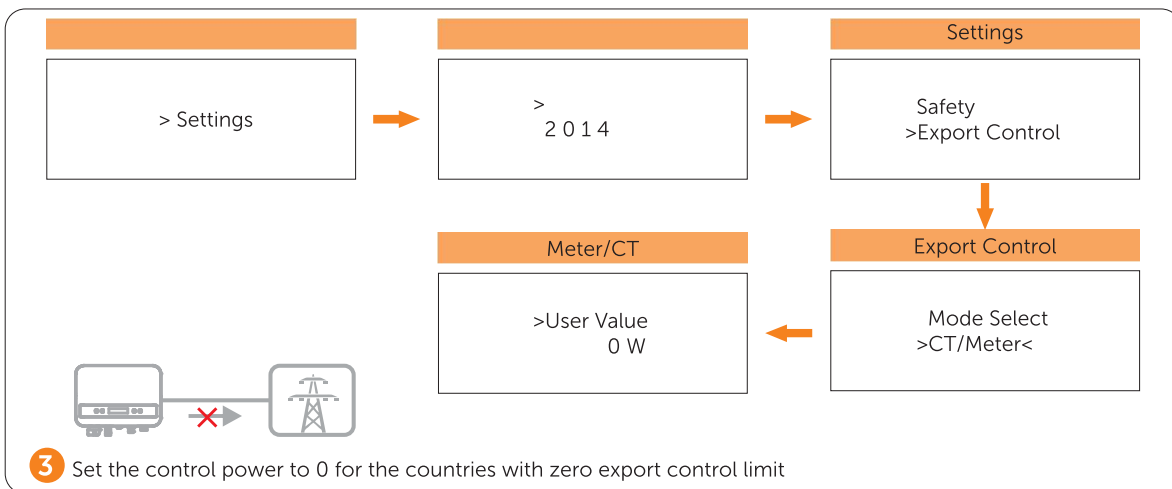
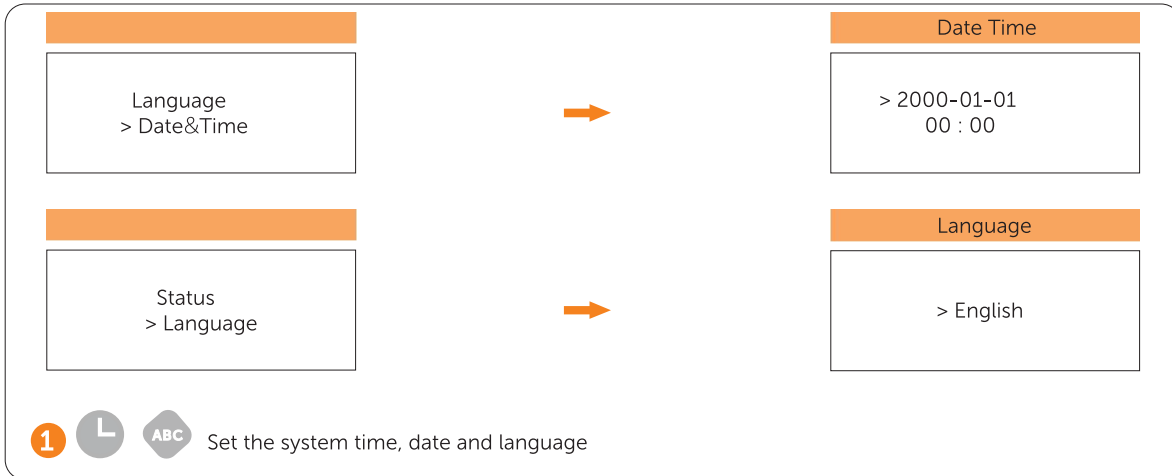
LCD Panel / LCD-Bildschirm / Panneau LCD / Panel LCD / Painele de LCD / LCD-paneel / Pannelo LCD / Panel LCD / LCD panel / LCD-panel / Panou cu LCD / LCD панель / LCD-panel / Πάνελ LCD / LCD-paneel / LCD-paneeli / LCD ploča / LCD panel / LCD skydas / LCD panelis / LCD Panel / LCD plošča / LCD панель / ЖК дисплей / LCD Panel / Painele LCD



- In normal status, the "Power"/"Pgrid"/"Today"/"Total" information will be displayed respectively. You can press the keys to switch information.
- In error status, the fault message and error code will be displayed, please refer to corresponding solutions in the user manual.

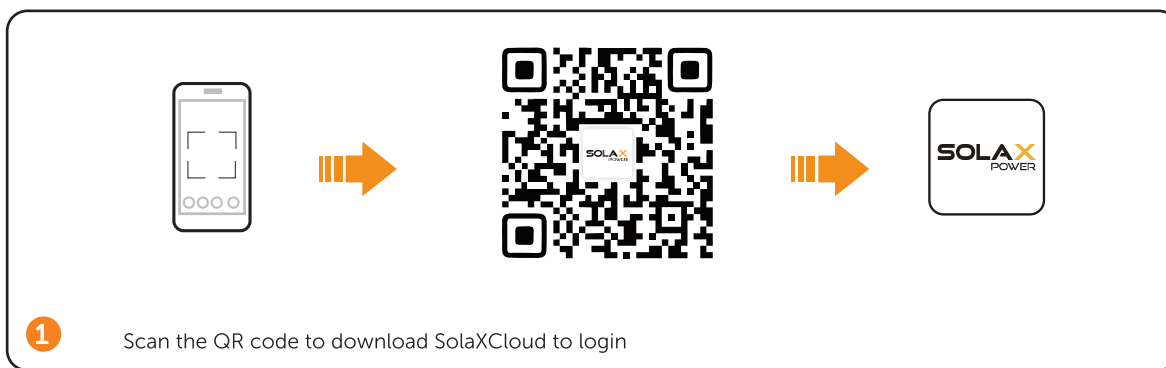
Item	Description
LCD screen	Display the information of the inverter.
Operating indicator light	Light in blue: The inverter is in normal status. Flash in blue: The inverter is in waiting status.
Error indicator light	Light in red: The inverter is in fault status.
Up/ESC button	Up/ESC button: Short press to move cursor up or increase value; Long press to return from current interface or function.
Down/Enter button	Down/Enter button: Short press to move the cursor down or decrease value. Long press to confirm or change the parameters.

General Setting / Allgemeine Einstellungen / Paramètres généraux / Configuración general / Definição Geral / Algemene instelling / Impostazione generale / Ustawienia ogólne / Obecné nastavení / Generell inställning / Setare general / **Обща настройка** / Genel indstilling / Γενική τοποθέτηση / Üldine seadistus / Yleisasetus / Орце postavke / Άλταλάνος beállitás / Bendrasis nustatymas / Vispārīgs iestatījums / Všeobecné nastavenie / Splošna nastavitve / **Общие настройки** / Загальні налаштування / Genel Ayar / Configuração Geral



*The default password is 2014 for the installer, which only allows the installer to review and modify necessary settings complying to the local rules and regulations. If further advanced setting is required, please contact the distributor or us for assistance.

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 Técnicos / Technische gegevens / Dati tecnici / Dane techniczne / Technické údaje /
 Tekniska data / Date tehnice / Технически данни / Tekniske data / Τεχνικά δεδομένα
 / Tehnilised andmed / Tekniset tiedot / Tehnički podaci / Műszaki adatok / Techniniai
 duomenys / Tehniskie dati / Technické údaje / Tehnični podatki / Технические данные
 / Технічні дані / Teknik Bilgiler / Dados Técnicos

• DC input

Model	X1-MINI- 0.6K-G4	X1-MINI- 0.7K-G4	X1-MINI- 0.8K-G4	X1-MINI- 1.1K-G4	X1-MINI- 1.5K-G4
Max. PV array input power [Wp]	1200	1400	1600	2200	3000
Max. PV voltage [d.c.V]	450	450	450	450	450
Startup voltage [d.c.V]	50	50	50	50	50
Nominal input voltage [d.c.V]	360	360	360	360	360
MPPT voltage range [d.c.V]	40-450	40-450	40-450	40-450	40-450
No. of MPP trackers/Strings per MPP tracker	1/1				
Max. PV current [d.c.A]	16				
I _{sc} PV array Short Circuit SC Current [d.c.A]	22				
Max. inverter backfeed current to the array [d.c.A]	0				

Model	X1-MINI- 2.0K-G4	X1-MINI- 2.5K-G4	X1-MINI- 3.0K-G4	X1-MINI- 3.3K-G4	X1-MINI- 3.7K-G4	X1-MINI- 4.0K-G4
Max. PV array input power [kWp]	4000	5000	6000	6600	7400	8000
Max. PV voltage [d.c.V]	450	550	550	550	550	550
Startup voltage [d.c.V]	50	50	50	50	50	50
Nominal input voltage [d.c.V]	360	360	360	360	360	360
MPPT voltage range [d.c.V]	40-450	40-550	40-550	40-550	40-550	40-550
No. of MPP trackers/Strings per MPP tracker	1/1					
Max. PV current [d.c.A]	16					
I _{sc} PV array Short Circuit SC Current [d.c.A]	22					
Max. inverter backfeed current to the array [d.c.A]	0					

- AC output

Model	X1-MINI-0.6K-G4	X1-MINI-0.7K-G4	X1-MINI-0.8K-G4	X1-MINI-1.1K-G4	X1-MINI-1.5K-G4
Rated output apparent power [VA]	600	700	800	1100	1500
Nominal AC output current [a.c.A]	2.6	3.1	3.5	4.8	6.5
Max. output apparent power [VA]	600	770	800	1210	1650
Max. output continuous current [a.c.A]	3	3.5	3.7	5.5	7.5
Nominal AC voltage [a.c.V]/ Grid range	220/230/240; 90-290				
Nominal grid frequency [Hz]	50/60; ±5				
Displacement power factor	0.8leading-0.8lagging				
ITHDi (rated power) [%]	<3				
Current (inrush) [a.c.A]	50				
Maximum output fault current [a.c.A]	58 (15 ms)				
Maximum output overcurrent protection [a.c.A]	35				

Model	X1-MINI-2.0K-G4	X1-MINI-2.5K-G4	X1-MINI-3.0K-G4	X1-MINI-3.3K-G4	X1-MINI-3.7K-G4	X1-MINI-4.0K-G4
Rated output apparent power [VA]	2000	2500	3000	3300	3700	4000
Nominal AC output current [a.c.A]	8.7	10.9	13.1	14.4	16.1	17.4
Max. output apparent power [VA]	2200	2750	3300	3300	4070	4400
Max. output continuous current [a.c.A]	10	12.5	15	15	18.5	20
Nominal AC voltage [a.c.V]/ Grid range	220/230/240; 90-290					
Nominal grid frequency [Hz]	50/60; ±5					
Displacement power factor	0.8leading-0.8lagging					
ITHDi (rated power) [%]	<3					
Current (inrush) [a.c.A]	50					
Maximum output fault current [a.c.A]	58 (15 ms)					
Maximum output overcurrent protection [a.c.A]	35					




- System Data, Protection and Standard

Model	X1-MINI-0.6K-G4	X1-MINI-0.7K-G4	X1-MINI-0.8K-G4	X1-MINI-1.1K-G4	X1-MINI-1.5K-G4
Max. efficiency [%]	98	98	98	98	98
Euro. efficiency [%]	96	96	95	97	97
Standby consumption [W] @Night	<1				
Ingress protection	IP66				
Protective class	I				
Overvoltage category	II (DC), III (AC)				
Operating ambient temperature range [°C]	-25-60				
Max. operation altitude [m]	<4000				
Humidity [%]	0-100				
Typical noise emission [dB]	25	25	25	25	25
Storage temperature [°C]	-30-70				
Dimensions(WxHxD) [mm]	290x206x130				
Weight [kg]	5.2	5.2	5.2	5.2	5.2
Cooling concept	Nature cooling				
Communication interfaces	RS485/DRM/USB/Heat Pump, Optional: CT/Meter				
Optional monitoring dongle	Pocket WiFi/LAN/4G				
Over/under voltage protection	YES				
DC isolation protection	YES				

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 service.za@solaxpower.com

Warranty Registration Form



For Customer (Compulsory)

Name Country

Phone Number Email

Address

State Zip Code

Product Serial Number

Date of Commissioning

Installation Company Name

Installer Name Electrician License No.

For Installer

Module (If Any)

Module Brand

Module Size(W)

Number of String Number of Panel Per String

Battery (If Any)

Battery Type

Brand

Number of Battery Attached

Date of Delivery Signature

Please visit our warranty website: <https://www.solaxcloud.com/#/warranty> or use your mobile phone to scan the QR code to complete the online warranty registration.



For more detailed warranty terms, please visit SolaX official website: www.solaxpower.com to check it.





SolaX Power Network Technology (Zhejiang) Co., Ltd.

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E-mail: info@solaxpower.com

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