

SOLAX



T-BAT-SYS-HV-S25

T-BAT-SYS-HV-S36

Installation Manual

Version 4.0

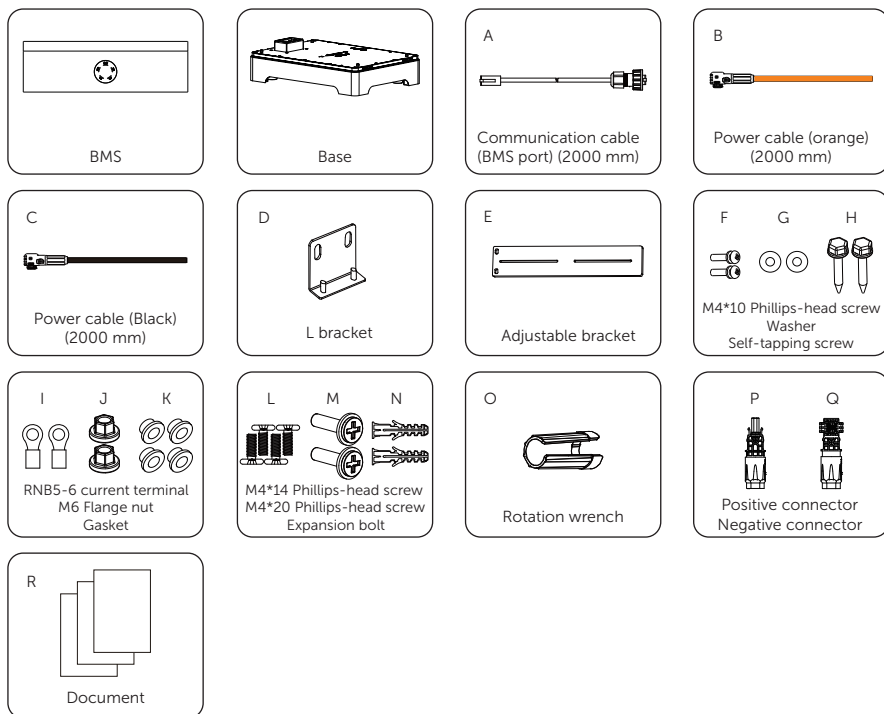
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eManual in the QR code or
at www.solaxpower.com

Packing List / Packliste / Liste du matériel livré / Lista de piezas / Lista da embalagem / Paklijst / Contenuto della confezione / Zawartość opakowania / Seznam balení / Packlista / Listă de ambalare / Опаковъчен лист / Pakkeliste / Λίστα συσκευασίας / Pakkeleht / Pakkausluettelo / Popis pakiranja / Csomaglista / Pakuotės turinys / Iepakojuma saraksts / Zoznam položiek balenia / Seznam pakiranja / Kutu Listesi / Lista de Embalagem

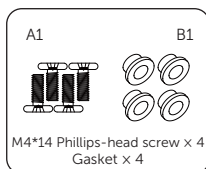
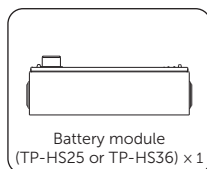
BMS (TBMS-MCS0800)



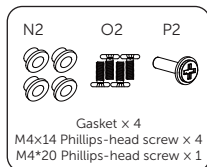
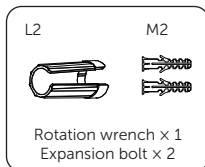
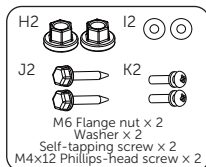
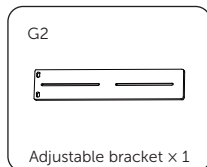
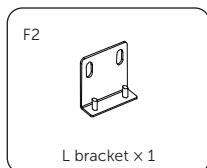
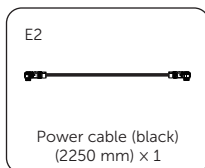
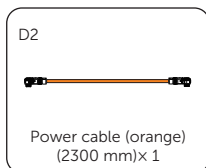
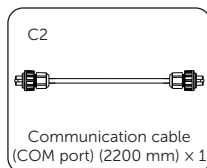
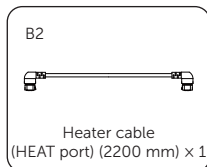
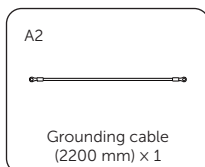
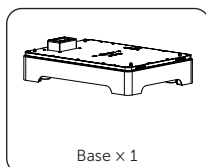
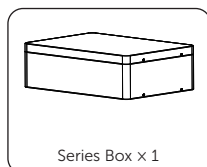
NOTICE!

- The positive/negative connector is only provided for Australian version. Prioritize using the connectors to ensure compatibility and proper installation with the power cables. As for the cable connection on the inverter, please refer to the inverter's *User Manual*.

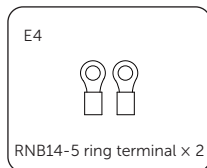
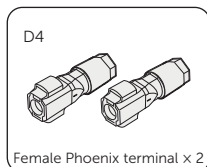
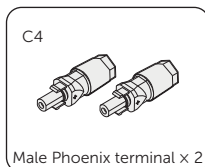
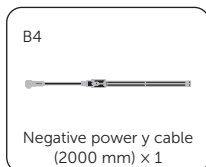
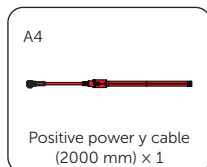
Battery Pack (TP-HS25 / TP-HS36)



Series Box (in the case of two battery towers)



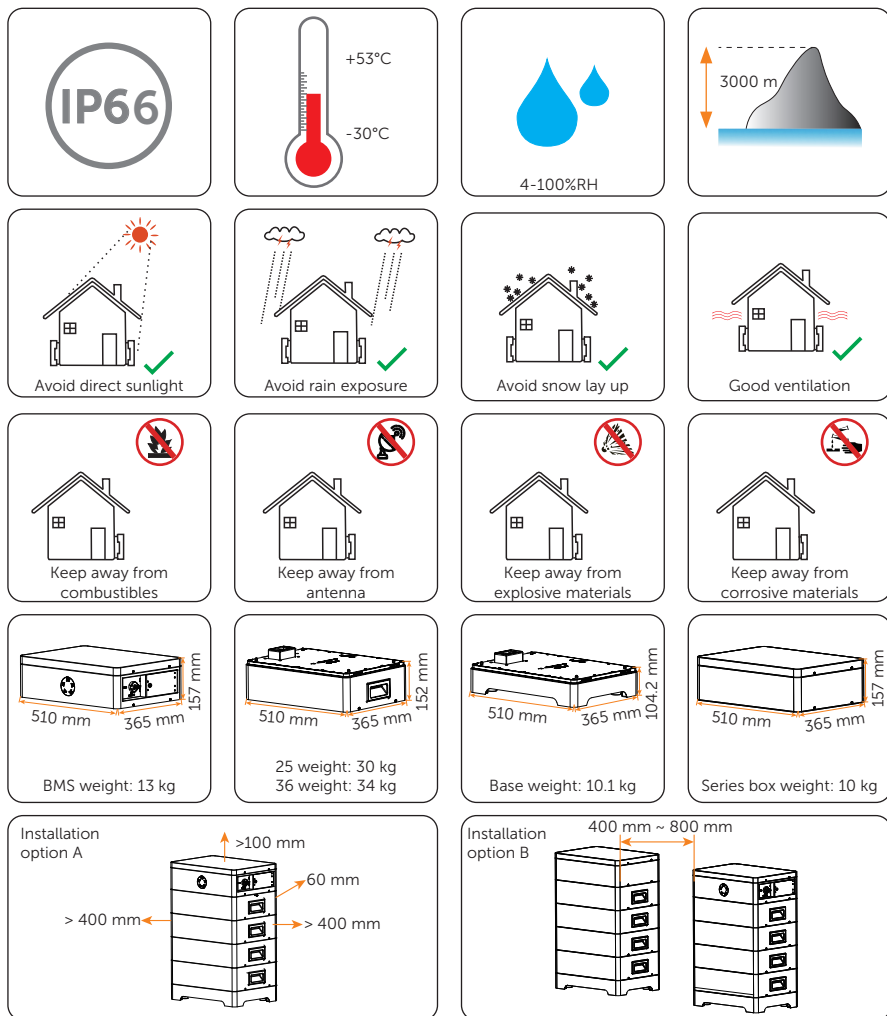
Cable (Optional)



NOTICE!

- As for the installation steps for power y cables, please refer to the inverter's *User Manual*.
- Do not use the above-mentioned power y cables if the equipment is in parallel.
- The RNB14-5 ring terminal is suitable for 10 mm² grounding wire.

Mounting Location / Installationsort / Site d'installation / Sitio de instalación / Local de instalação / Installatiesite / Sito di installazione / Miejsce instalacji / Mesto instalace / Installationsplats / Loc de instalare / Монтажен объект / Monteringssted / Τόπος εγκατάστασης / Paigaldamise koht / Asennuspaikka / Lokacija ugradnje / Telepitési helyszín / Montavimo vieta / Uzstādīšanas vieta / Miesto inštalácie / Mesto namestitve / kurulum yeri / Local de instalação

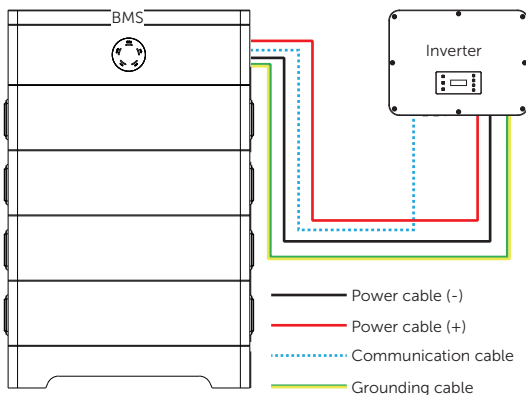


NOTICE!

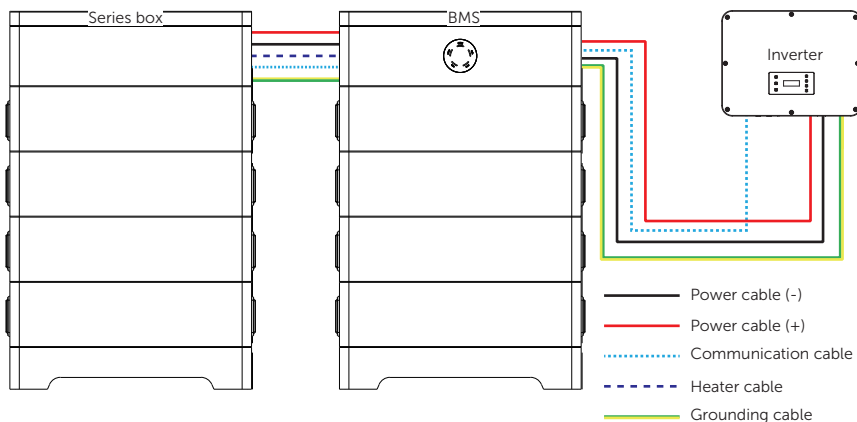
- For outdoor installation, precautions against direct sunlight, rain exposure and snow laying up are recommended.
- Exposure to direct sunlight raises the temperature inside the battery. This temperature rise poses no safety risks, but may impact the battery performance.

Wiring Diagram / Schaltplan / Schéma de câblage / Diagrama de cableado /
 Diagrama de ligação / Bedradingsschema / Schema elettrico / Schemat połączeń /
 Schéma zapojení / Kopplingsschema / Schemă de conexiuni / Схема на свързване
 / Ledningsdiagram / Διάγραμμα συνδεσμολογίας / Ühendusskeem / KytKentäkaavio
 / Dijagram ožičenja / Kapcsolási rajz / Elektros laidų montavimo schema /
 Elektroinstalācijas shēma / Schéma zapojenia / Električna shema / Bağlantı Şeması /
 Diagrama de fiação

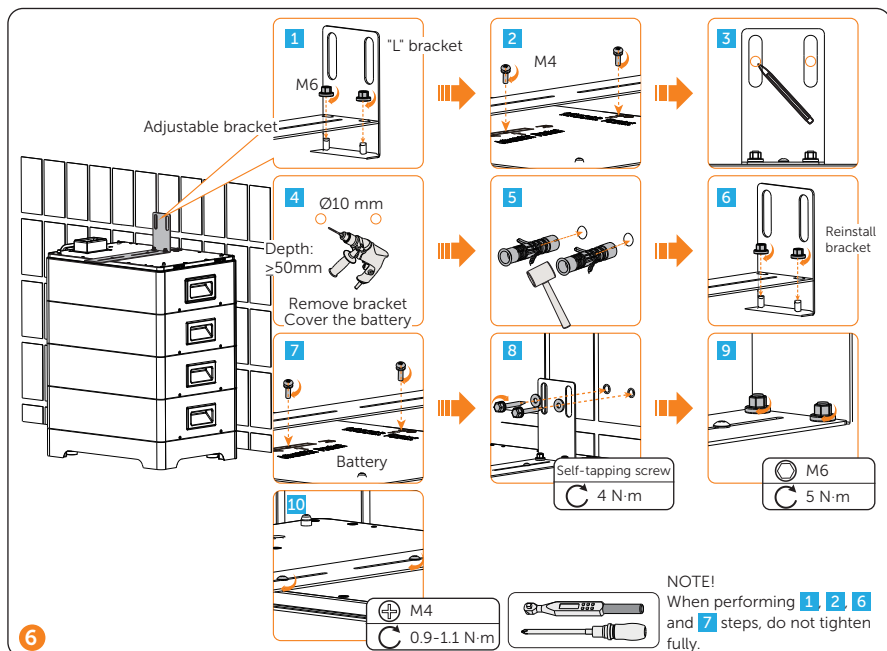
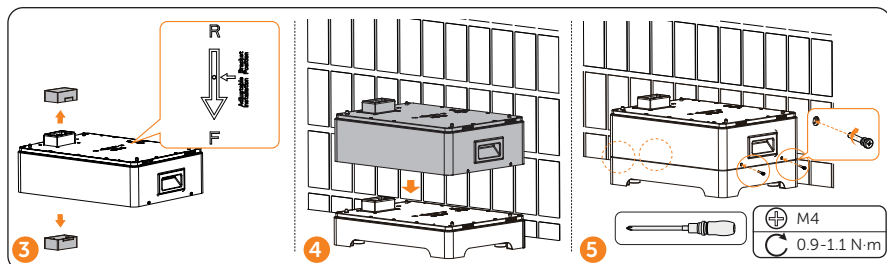
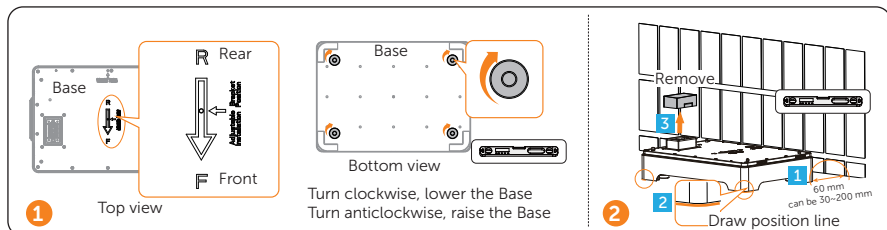
One tower

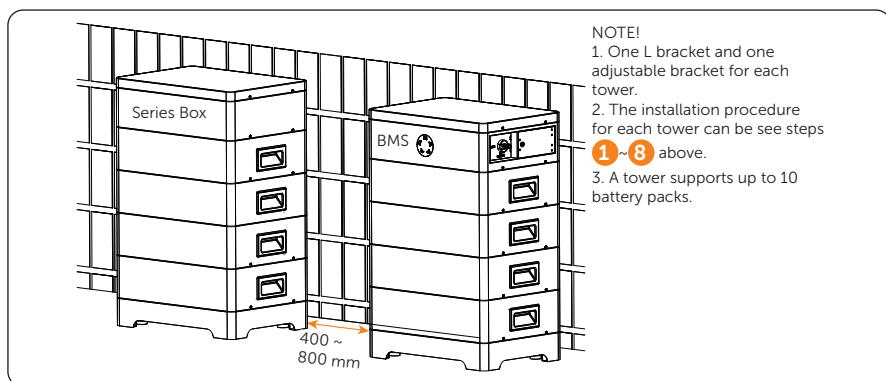
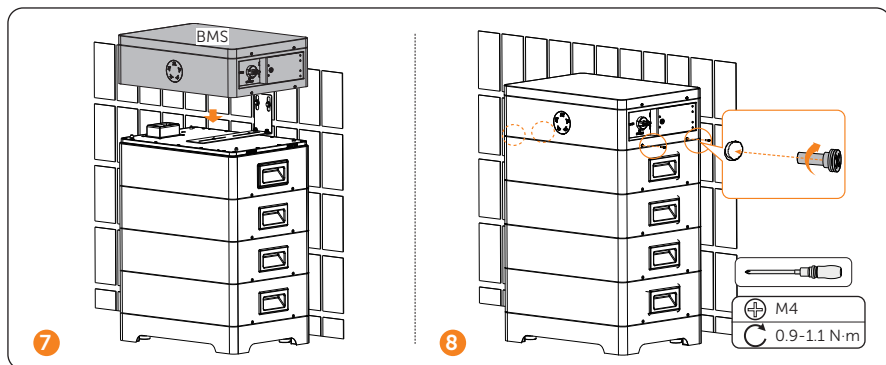


Two towers



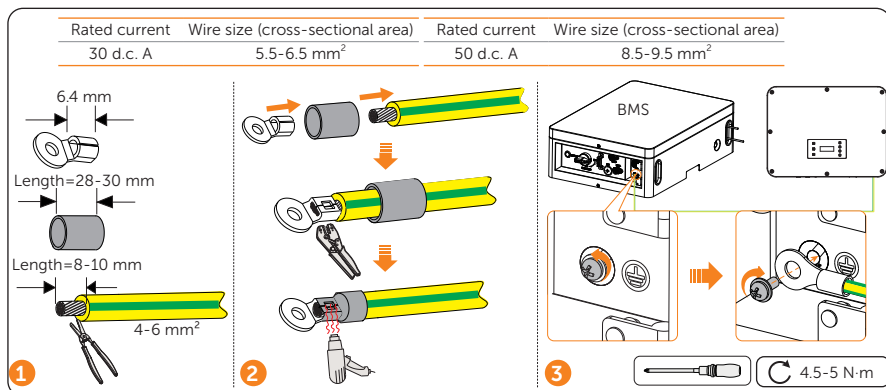
Mechanical Installation / Mechanische Installatie / Installation mécanique / Instalación mecánica / Instalação mecânica / Mechanische installatie / Installazione meccanica / Instalacja mechaniczna / Mechanická instalace / Mekanisk installation / Μηχανική εγκατάσταση / Mehaaniline paigaldus / Mekaaninen asennus / Mehanička ugradnja / Mechanikai telepítés / Mechaninis montavimas / Mehāniskā uzstādīšana / Mechanická inštalácia / Mehanska namestitve / Mekanik kurulum / Instalação mecânica





Wiring / Verkabelung / Câblage / Cableado / Ligação / Bedrading / Cablaggio / Połączenie przewodów / Zapojení / Kabeldragning / Cablare / Свързване / Ledningsföring / Καλωδίωση / Juhtmed / Kytkenät / Ožičenje / Vezetékezés / Elektros instalacija / Elektroinstalācija / Zapojenie / Ožičenje / Kablolama / Fiação

PE Connection



Cable Connection for One Tower

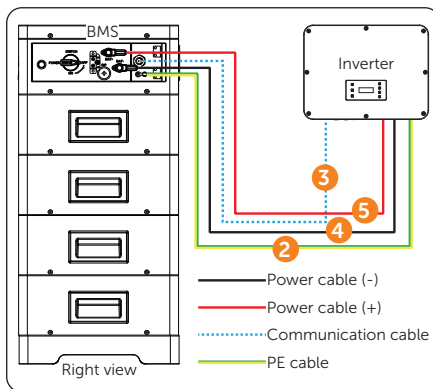
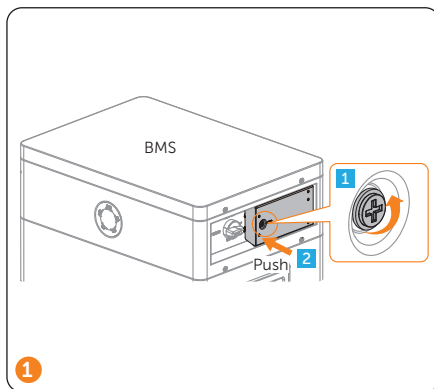


WARNING!

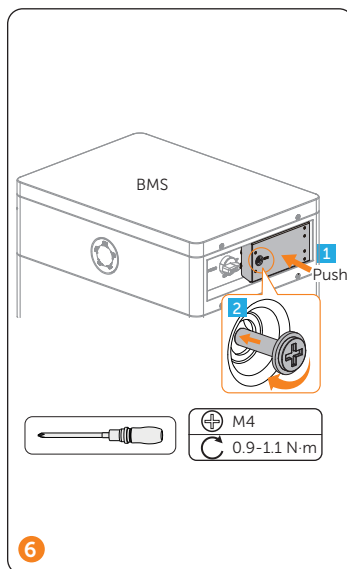
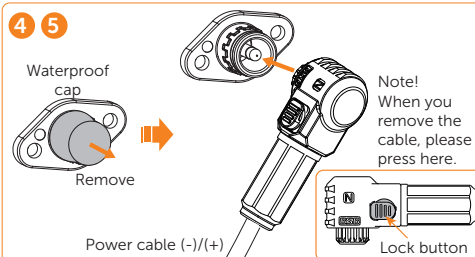
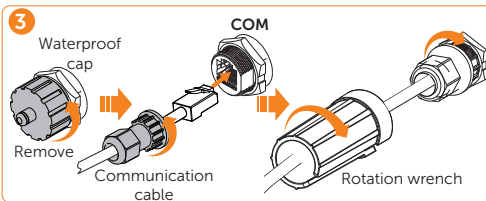
- The order of cable connection: negative power cable → positive power cable.

NOTICE!

- As for the cable connection on the inverter, please see the inverter's User Manual.

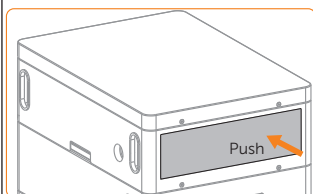


- 2 As for PE cable, you could see PE connection on page 6.



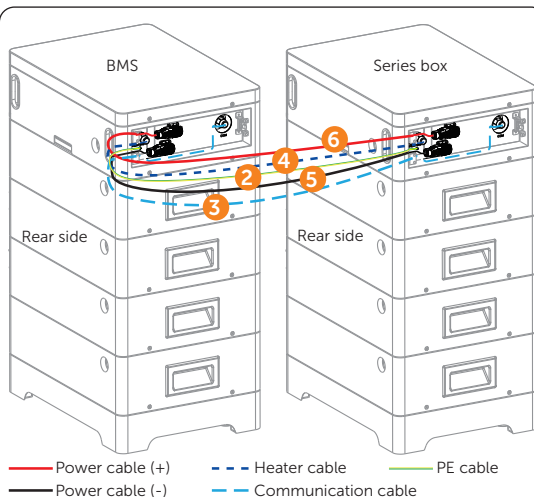
NOTICE!

- As for the cable connection between the BMS and inverter, please see Page 7.

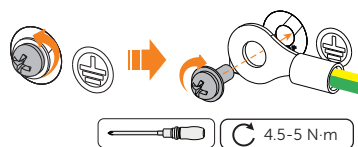


Note!
You should open the doors of the both BMS and series box.

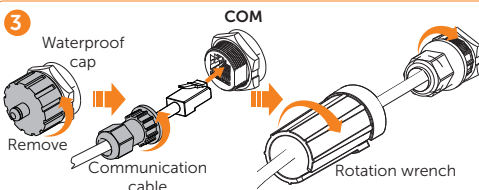
1



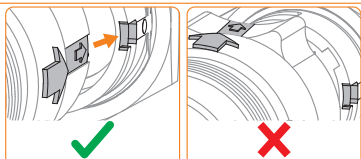
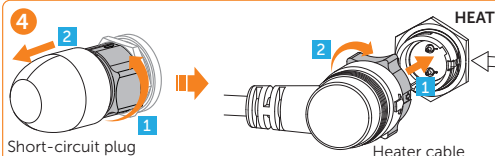
2



3

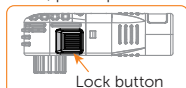


4

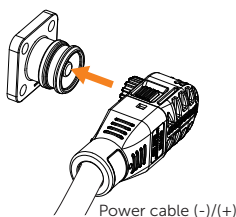
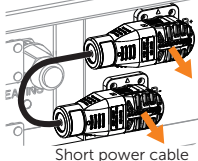


5 6

Note!
When you remove the cable, please press here.



Remove the cable at both the BMS and series box.

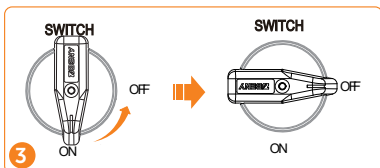
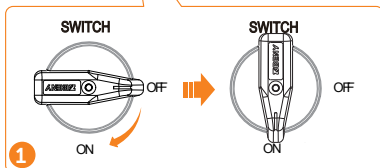
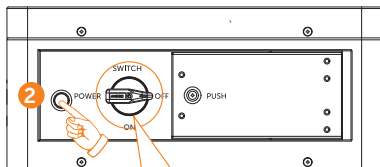


Power on and off the System / Schalten Sie das System ein / Mise sous tension du système / Encienda el sistema / Ligue o sistema / Het systeem inschakelen / Accensione del sistema / Włączanie systemu / Zapnutí systému / Slå på systemet / Pornire sistem / Включване на системата / Tænd for systemet / Ρεύμα στο σύστημα / Süsteemi sisselülitamine / Kytke järjestelmän virta päälle / Napajanje sustava / Rendszer áram alá helyezése / Įjungti sistemą / Ieslēdziet sistēmu / Zapnite system / Vklõpote sistem / Sistemin Gücü / Ligar o sistema

Unlockable switch

Sequence of power on: 1 > 2

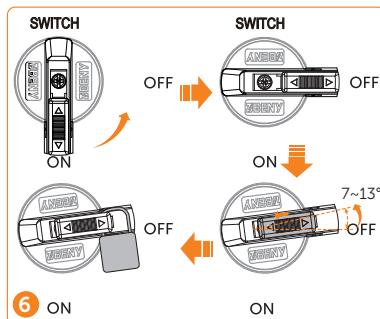
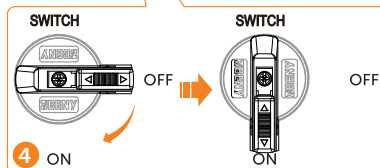
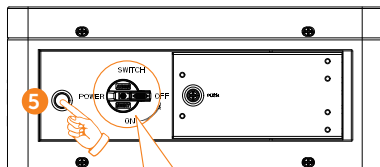
Sequence of power off: 2 > 3



Lockable switch

Sequence of power on: 4 > 5

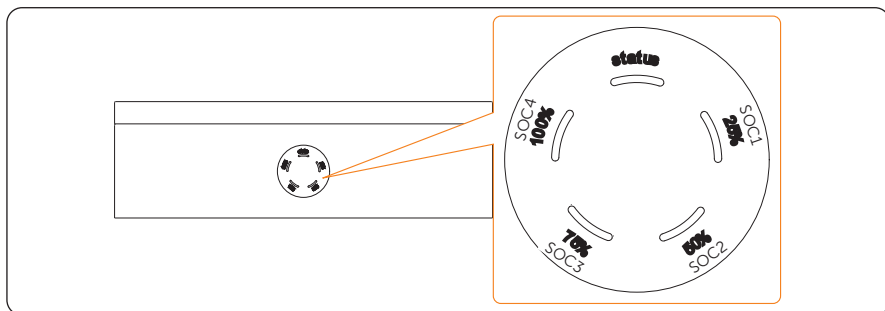
Sequence of power off: 5 > 6



NOTICE!

- No matter what type of the lock it is, it is in the **OFF** state before delivery.
- In the case of the lockable switch, you should prepare a lock in advance.

LED Indicators / LED-Indikatoren / Indicateurs LED / Indicadores LED / Indicadores LED / LED-indicatoren / Indicatori LED / Wskaźniki LED / LED indikátory / LED-indikatorer / Indicatori LED / LED индикатори / LED-indikatorer / Ενδεικτικές λυχνίες LED / LED-indikaatorid / LED-merkkivalot / LED pokazatelji / LED kijelzők / LED indikatoriai / LED indikatori / LED indikátory / LED kazalniki / LED Göstergeleri / Indicadores LED



Description	Status light	SOC lights
Startup	Flashing yellow → flashing green	Off
Shutdown	Solid green → Off	Flashing green in turn by clockwise.
Standby	Solid green	Shows green light according to the actual capacity.
Charging	Solid green	See table below.
Discharging	Solid green	See table below.
Fault	Solid red or flashing red	For details, see the <i>User Manual</i> .

Charging

SOC value	SOC1	SOC2	SOC3	SOC4
$0\% \leq \text{SOC} \leq 25\%$				
$\text{SOC} < 50\%$				
$\text{SOC} < 75\%$				
$\text{SOC} < 100\%$				
$\text{SOC} = 100\%$				

Discharging

SOC value	SOC1	SOC2	SOC3	SOC4
$\text{SOC} \geq 75\%$				
$\text{SOC} \geq 50\%$				
$\text{SOC} \geq 25\%$				
$\text{SOC} \geq 0\%$				

Warranty Registration

Please visit the website: <https://www.solaxcloud.com/user-center/> to complete the warranty registration. For more detailed warranty terms, please visit SolaX official website: www.solaxpower.com.



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