



Battery-Box Premium Quick Start Guide

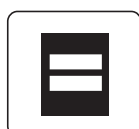
HVS 5.1, 7.7, 10.2, 12.8

HVM 8.3, 11.0, 13.8, 16.6, 19.3, 22.1

A High Voltage Battery System



BYD Europe B.V. V1.5



Be Connect



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Limited Warranty

You can download the current Limited Warranty from the Internet at websites:

BYD Global Service, www.bydbatterybox.com,

BYD service partner in Europe, www.eft-systems.de,

BYD service partner in Australia, www.alpspower.com.au.

BYD Europe B.V.

's-Gravelandseweg 256, 3125 BK, Schiedam, the Netherlands

1. Information on this Document

1.1. Validity

This document is valid for the Battery-Box Premium HVS 5.1, 7.7, 10.2, 12.8, and HVM 8.3, 11.0, 13.8, 16.6, 19.3, 22.1 from firmware version 3.3.

1.2. Target Group

The instructions in this document may only be performed by qualified persons who must have the following skills:

- Knowledge of how batteries work and are operated
- Knowledge of how an inverter works and is operated
- Knowledge of, and adherence to the locally applicable connection requirements, standards, and directives*

* The local standard for Australia is AS/NZS 5139:2019

- Knowledge of, and adherence to this document and the associated system documentation, including all safety instructions
- Training in dealing with the hazards associated with the installation and operation of electrical equipment and batteries
- Training in the installation and commissioning of electrical equipment

Failure to do so will make any manufacturer's warranty, guarantee or liability null, and void unless you can prove that the damage was not due to non-compliance.

1.3. Content and Structure of this Document

This document contains safety information and instructions on installing, connecting, and commissioning. Please finish reading this document before taking any actions on the battery system.

The latest version of this document and the manual for installation, commissioning, and operation are to be found in PDF format at our websites.

This document only contains brief information and may deviate from the real system.

2. Safety

2.1. Intended Use

The battery system is for residential-and works with a photovoltaic system. It is a high voltage Li-ion battery storage system, with the control module on itself.

The system could be connected with the Internet through network cable for maintenance and software updates.

The system must only be used as stationary equipment.

The system is suitable for indoor and outdoor use.

The system must only be operated in connection with a compatible inverter. The list (BYD Battery-Box Premium HVS & HVM Compatible Inverter List) of these inverters could be read at our websites.

The system is not suitable for supplying life-sustaining medical devices. Please ensure that no personal injury would lead due to the power outage of the system.

Alterations to the BYD system, e.g., changes or modifications are not allowed unless the written permission of BYD is achieved.

Please download **Be Connect** from Google Play or App Store to accomplish the commissioning of the system.

The enclosed document is an integral part of this system. Keep the documentation in a convenient, dry place for future reference and observe all instructions contained therein.

The type label should always be attached to the system.

2.2. IMPORTANT SAFETY INSTRUCTIONS

The system has been designed and tested under international safety requirements. However, to prevent personal injury and property damage and ensure long-term operation of the system, please

do read this section carefully and observe all safety information at all times.

2.2.1. Battery module leakage

If the battery modules leak electrolytes, contact with the leaking liquid or gas should be avoided. The electrolyte is corrosive, and the contact may cause skin irritation and chemical burns. If one is exposed to the leaked substance, do these actions:

Inhalation: Evacuate the contaminated area and seek medical help immediately.

Eye contact: Rinse eyes with flowing water for 15 minutes and seek medical help immediately.

Skin contact: Wash the affected area thoroughly with soap and water and seek medical help immediately.

Ingestion: Induce vomiting and seek medical help immediately.

2.2.2. Firefighting measures

The battery modules may catch fire when it is put into the fire. In case of a fire, please make sure that an ABC or carbon dioxide extinguisher is nearby. Water cannot be used to extinguish the fire.

Full protective clothing and self-contained breathing apparatus are required for the firefighters to extinguish the fire.

2.2.3. Battery modules handling and storage guide

- The battery modules and its components should be protected from damage when transporting and handling.
- The weight of the system may cause injury risk. Please take the weight of the system into account while the system is transported and lifted carefully.
- Do not impact, pull, drag, or step on the battery modules.
- Do not insert unrelated objects into any part of the battery modules.
- Do not throw the battery module into a fire.
- Do not soak the battery modules in water or seawater.
- Do not expose to strong oxidizers.
- Do not short circuit the battery modules.
- The battery modules cannot be stored at high temperatures (more than 60 °C).
- The battery modules cannot be stored directly under the sun.
- The battery modules cannot be stored in a high humidity environment.
- Use the battery modules only as directed.
- Do not use the battery modules if it is defective, or appears cracked, broken or otherwise damaged, or fails to operate.
- Do not attempt to open, disassemble, repair, tamper with, or modify the battery modules. The battery modules are not user-serviceable.
- Do not use cleaning solvents to clean the battery modules.

2.2.4. Warning of electric shock

It is a danger to life due to electric shock when live components or DC cables are touched.

The DC cables connected to the system may be live. Touching live DC cables results in death or serious injury due to electric shock.

- Disconnect the battery from a voltage source and make sure it can not be reconnected before working on the device.
- Do not touch non-insulated parts or cables.
- Do not remove the terminal block with the connected DC conductors from the slot under load.
- Wear suitable personal protective equipment for all work on the system.

2.2.5. Notice of property damage

If the battery system doesn't start at all, please contact BYD authorized service partner within 48 hours. Otherwise, the battery could be permanently damaged.

When the system is installed, it needs to be able to charge and discharge to avoid a deep discharge condition. After the installation, this needs to be checked once a month. If the battery system is not working normally, please get in contact with your local service partner.

During the storage of the battery system, please mind the maximum storage time.

2.2.6. Surge protection






Overvoltages (e. g. in the event of a flash of lightning) can be further conducted into the building and to other connected devices in the same network via the network cables or other data cables if there is no surge protection.









Ensure that the system is integrated into the existing surge protection.

2.2.7. Safety Information of the inverter manufacturer

Please read and observe all safety information of the inverter manufacturer.

3. Symbols on the Battery System

Symbol	Explanation
	Observe the documents Observe all documents supplied with the system.
	Grounding conductor This symbol indicates the position for connecting a grounding conductor.
	WEEE designation Do not dispose of the system together with the household waste but in accordance with the disposal regulations for electronic waste applicable at the installation site.
	CE marking The system complies with the requirements of the applicable EU directives.
	Place it straight up, without inclination or upside down.

	Handle with care
	Keep it dry
	Keep the battery modules away from open flame or ignition sources.
	Beware of electrical voltage.
	Beware of a danger zone This symbol indicates that the system must be additionally grounded if additional grounding or equipotential bonding is required at the installation site.
	Keep the battery modules away from children.
	RCM (Regulatory Compliance Mark), a brief guide to electrical equipment approvals in Australia
	Do not short circuit.

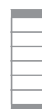
4. EU Declaration of Conformity

The battery system described in this document complies with the applicable European directives. The certificate is available in the download area of our websites.

Technical Parameters


HVS 5.1
HVS 7.7
HVS 10.2
HVS 12.8

Battery Module	HVS (2.56 kWh, 102.4 V, 38 kg)			
Number of Modules	2	3	4	5
Usable Energy [1]	5.12 kWh	7.68 kWh	10.24 kWh	12.8 kWh
Max Output Current [2]	25 A	25 A	25 A	25 A
Peak Output Current [2]	50 A, 5 s	50 A, 5 s	50 A, 5 s	50 A, 5 s
Nominal Voltage	204 V	307 V	409 V	512 V
Operating Voltage	160~240 V	240~360 V	320~480 V	400~600 V
Dimensions (H/W/D)	712x585x298 mm	945x585x298 mm	1178x585x298 mm	1411x585x298 mm
Weight	91 kg	129 kg	167 kg	205 kg
Battery designation	IFpP/21/173/120/32S/M/-10+50/90			


HVM 8.3
HVM 11.0
HVM 13.8
HVM 16.6
HVM 19.3
HVM 22.1

Battery Module	HVM (2.76 kWh, 51.2 V, 38 kg)					
Number of Modules	3	4	5	6	7	8
Usable Energy [1]	8.28 kWh	11.04 kWh	13.80 kWh	16.56 kWh	19.32 kWh	22.08 kWh
Max Output Current [2]	40 A	40 A	40 A	40 A	40 A	40 A
Peak Output Current [2]	75 A, 5 s	75 A, 5 s	75 A, 5 s	75 A, 5 s	75 A, 5 s	75 A, 5 s
Nominal Voltage	153 V	204 V	256 V	307 V	358 V	409 V
Operating Voltage	120~180 V	160~240 V	200~300 V	240~360 V	280~420 V	320~480 V
Dimensions (H/W/D)	945 x585 x 298 mm	1178 x585 x 298 mm	1411 x585 x 298 mm	1644 x585 x 298 mm	1877 x585 x 298 mm	2110 x585 x 298 mm
Weight	129 kg	167 kg	205 kg	243 kg	281 kg	319 kg
Battery designation	IFpP/47/174/120/16S/M/-10+50/90					

HVS & HVM

Operating Temperature	-10 °C to +50°C
Battery Cell Technology	Lithium Iron Phosphate (cobalt-free)
Communication	CAN/RS485
Enclosure Protection Rating	IP55
Round-trip Efficiency	≥96%
Certification	VDE2510-50 / IEC62619 / CEC / CE / UN38.3
Applications	ON Grid / ON Grid + Backup / OFF Grid
Warranty [3]	10 Years
Compatible Inverters	Refer to BYD Battery-Box Premium Inverter Compatible List

[1] DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at +25°C. System Usable Energy may vary with different inverter brands.

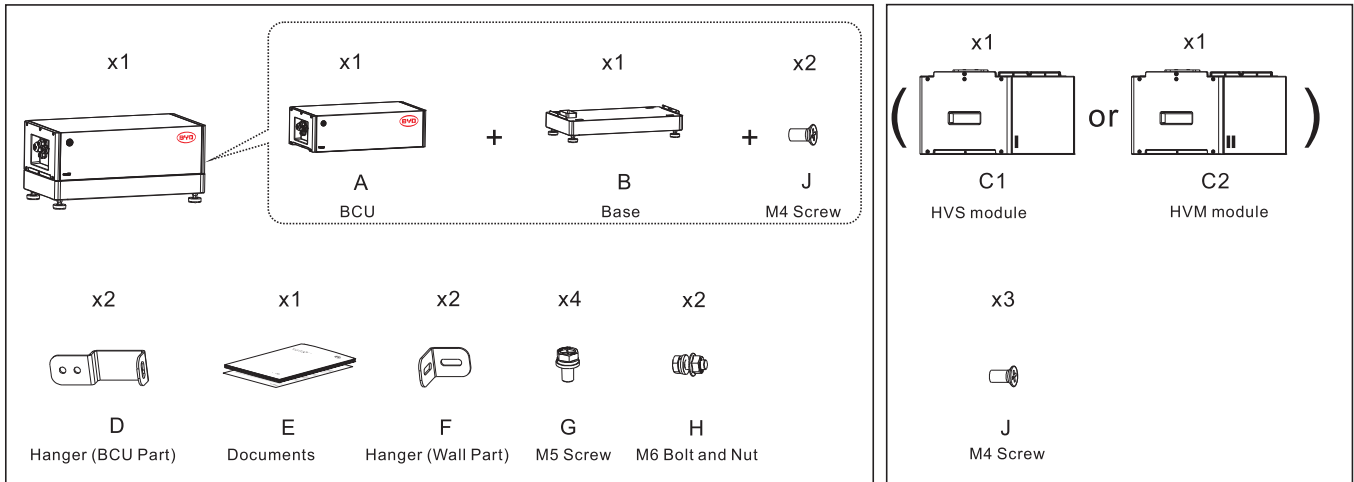
[2] Charge derating will occur when the temperature between -10°C and +5°C.

[3] Refer to BYD Battery-Box Premium Limited Warranty.

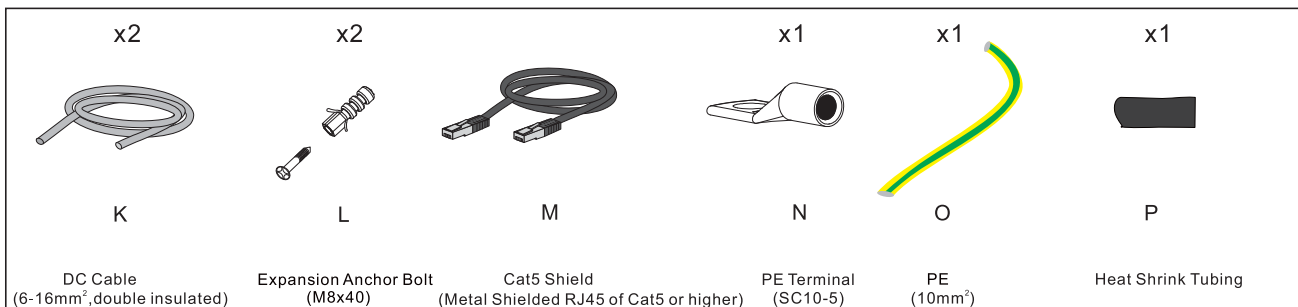
Instructions



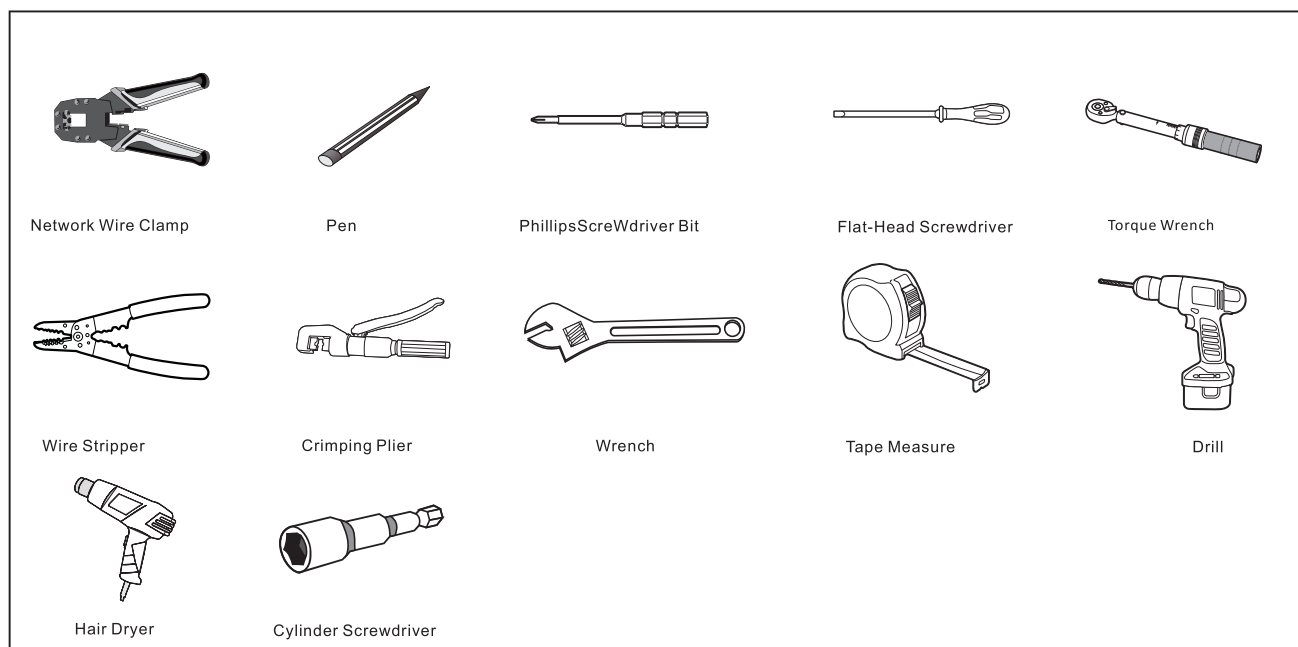
1. **en** Scope of Delivery **de** Lieferumfang **es** Alcance de suministro
fr Contenu de la livraison **it** Fornitura



2. **en** Additionally Required Installation Material
de Zusätzlich benötigtes Installationsmaterial
es Material de instalación adicional requerido
fr Matériel d'installation supplémentaire requis
it Materiale aggiuntivo richiesto per l'installazione








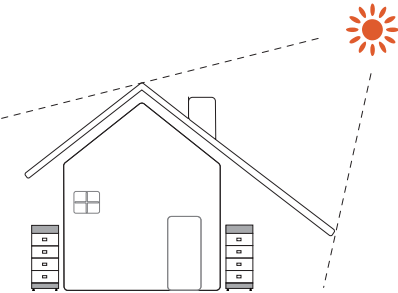





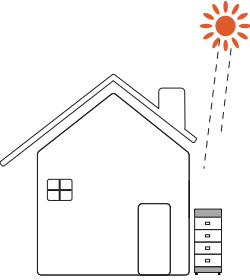

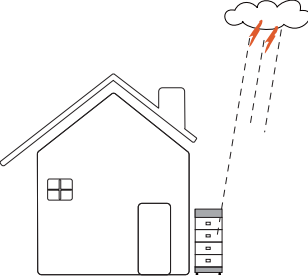

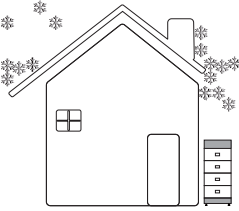



3. **en** Tools **de** Werkzeuge **es** Herramientas **fr** Outils **it** Utensili



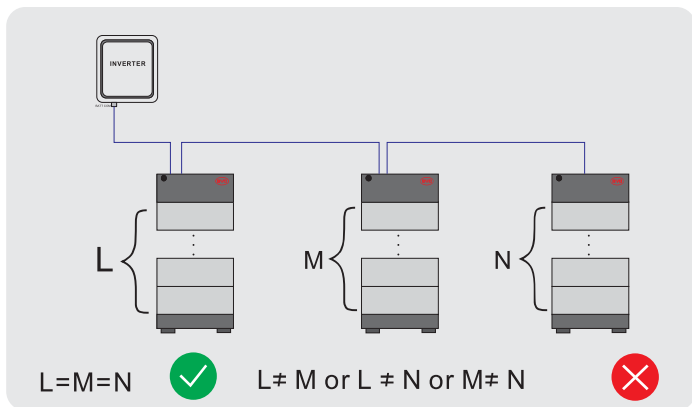
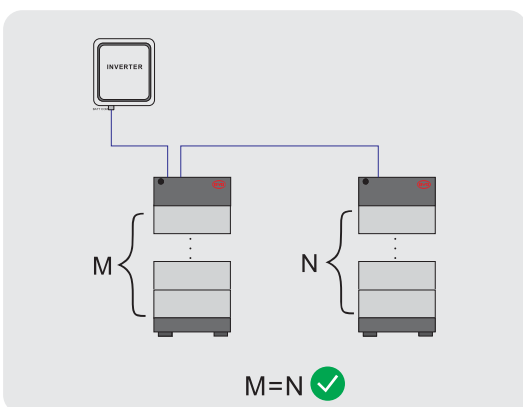
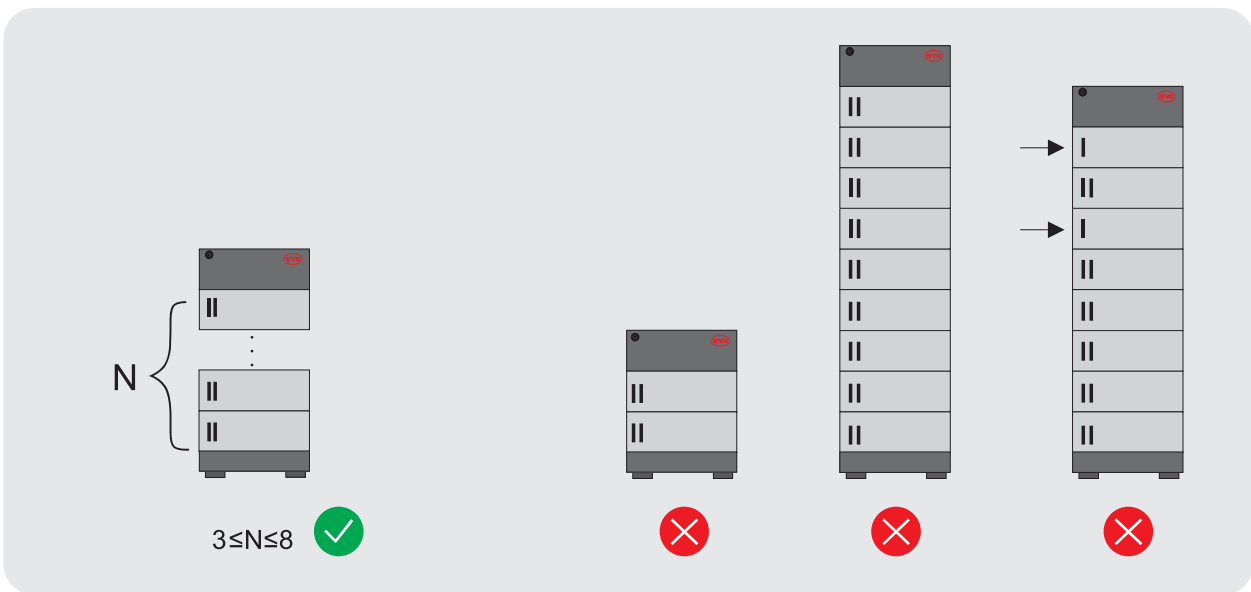
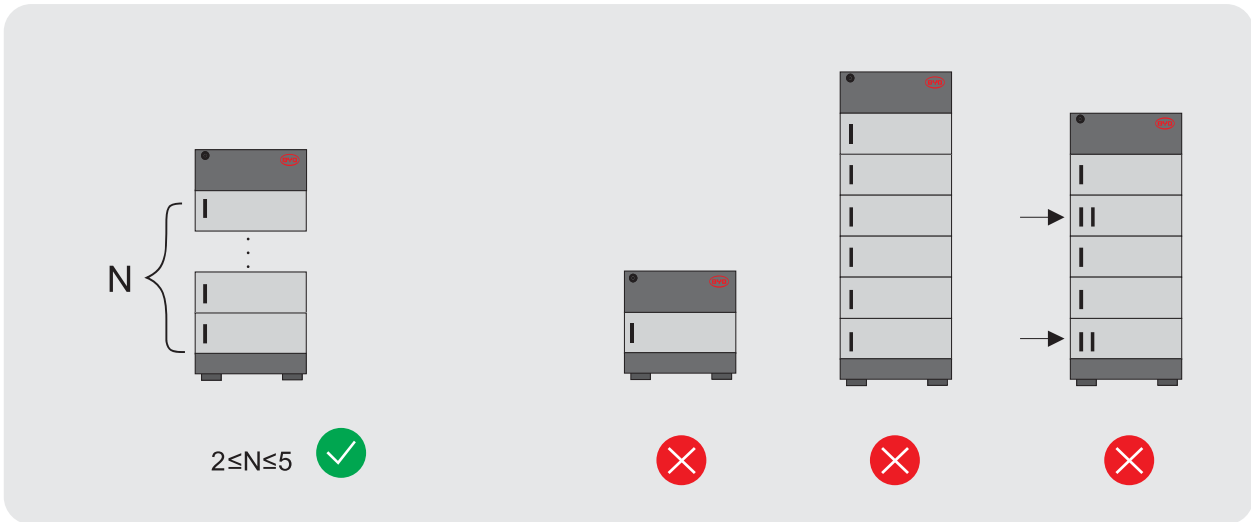


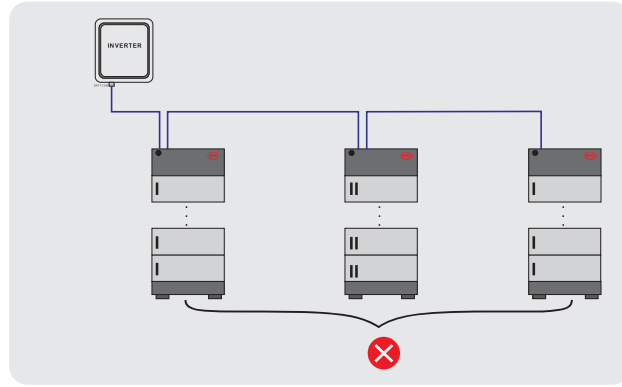
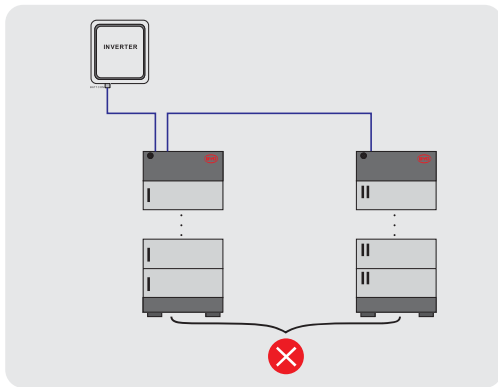
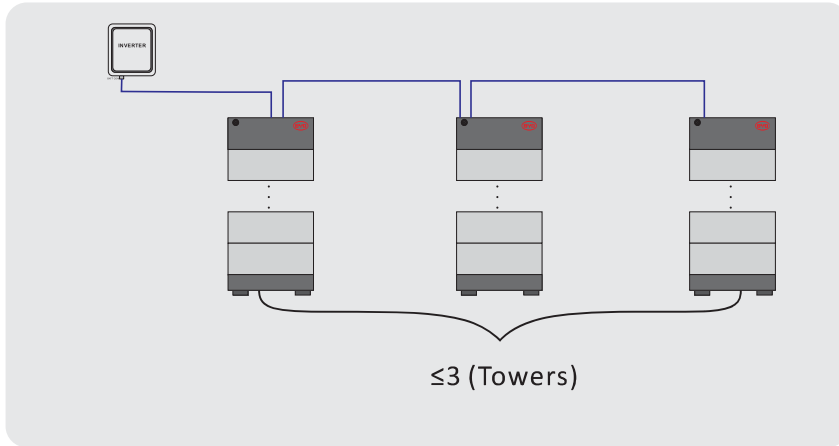
4. **en** Installation Location **de** Aufstellungsort **es** Lugar de instalación
fr Emplacement d'installation **it** Luogo di installazione

 Max +50° C	 Min -10° C	 RH. +5% ~ +95%	 	 
 	 	 		
 	 	 		

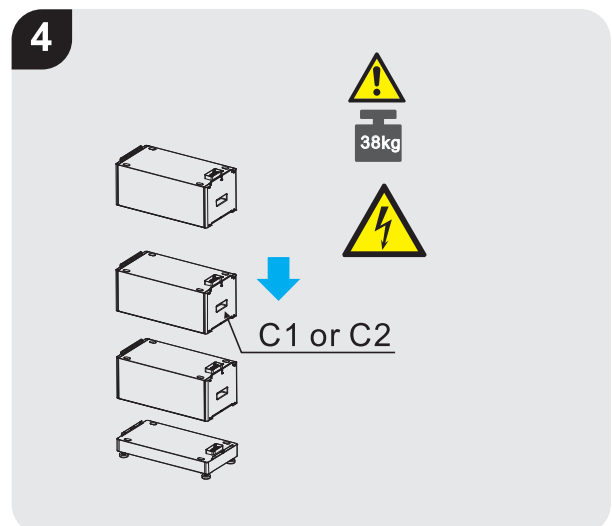
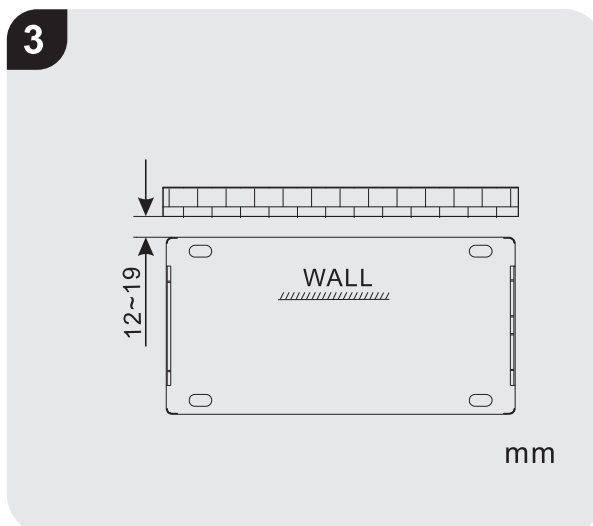
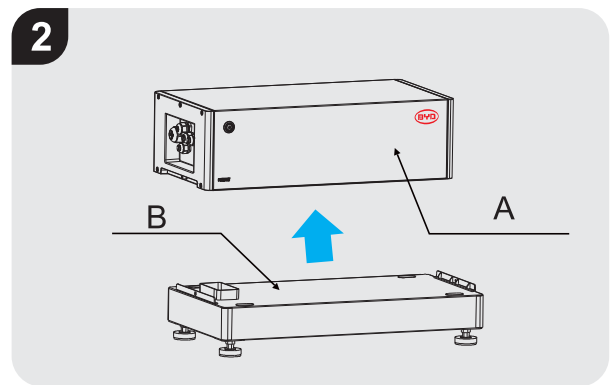
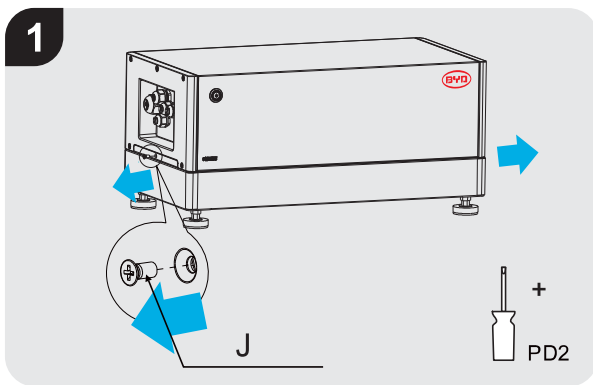


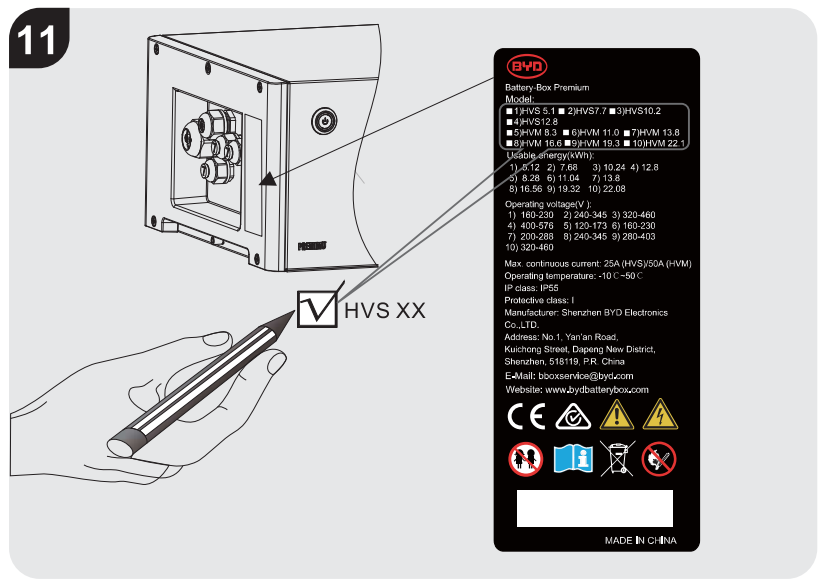
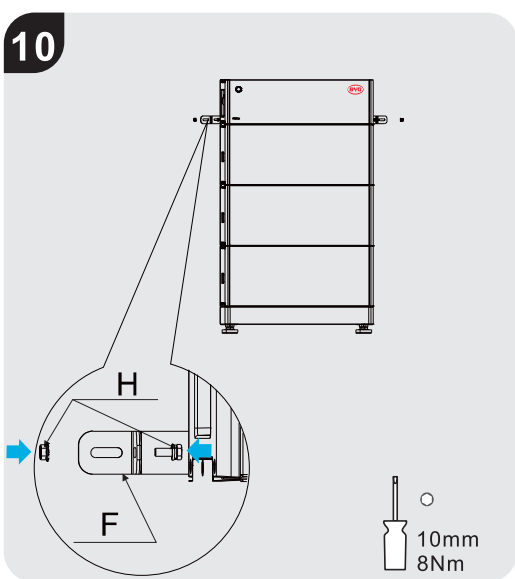
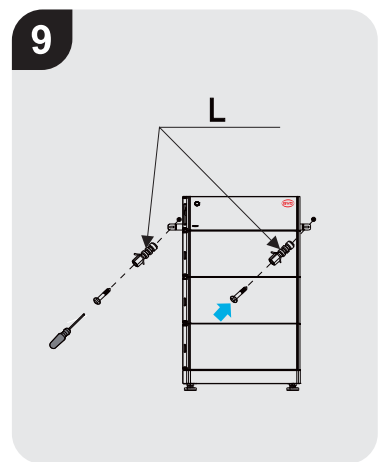
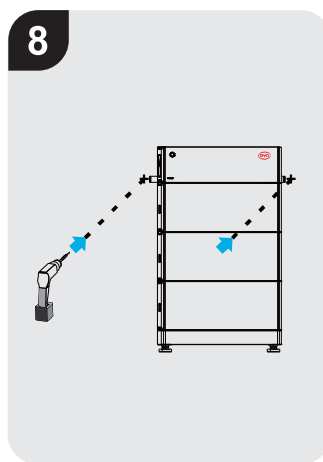
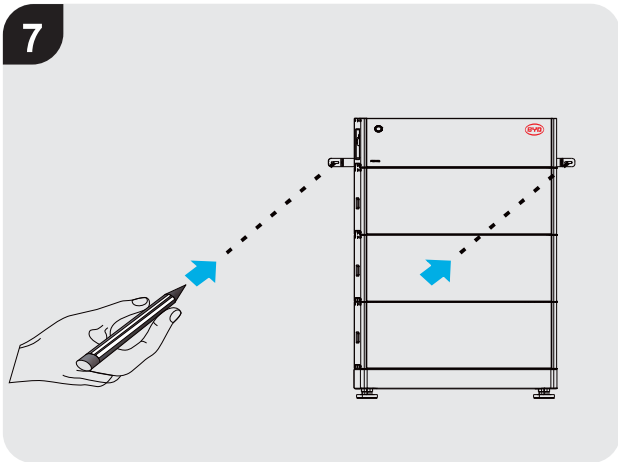
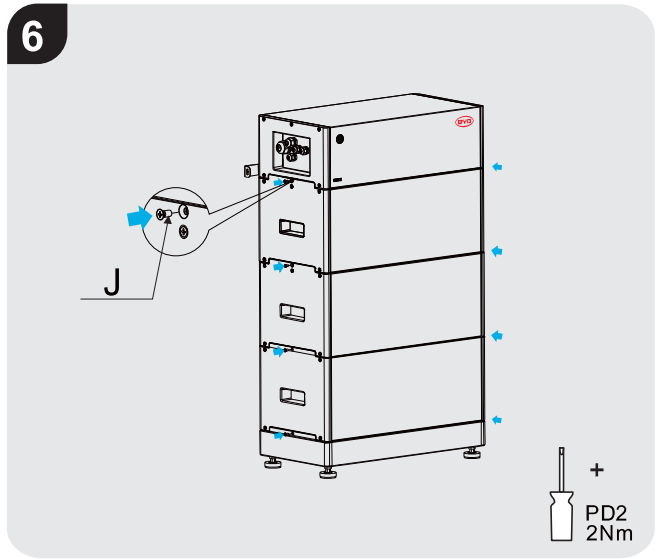
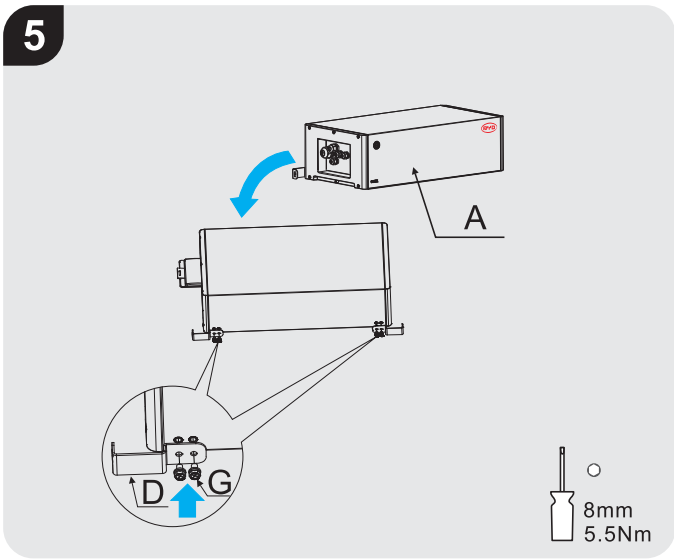
5. **en** Connection Limitation
de Verbindungsbeschränkung
es Limitación de conexión
fr Limitation de connexion
it Limitazione della connessione





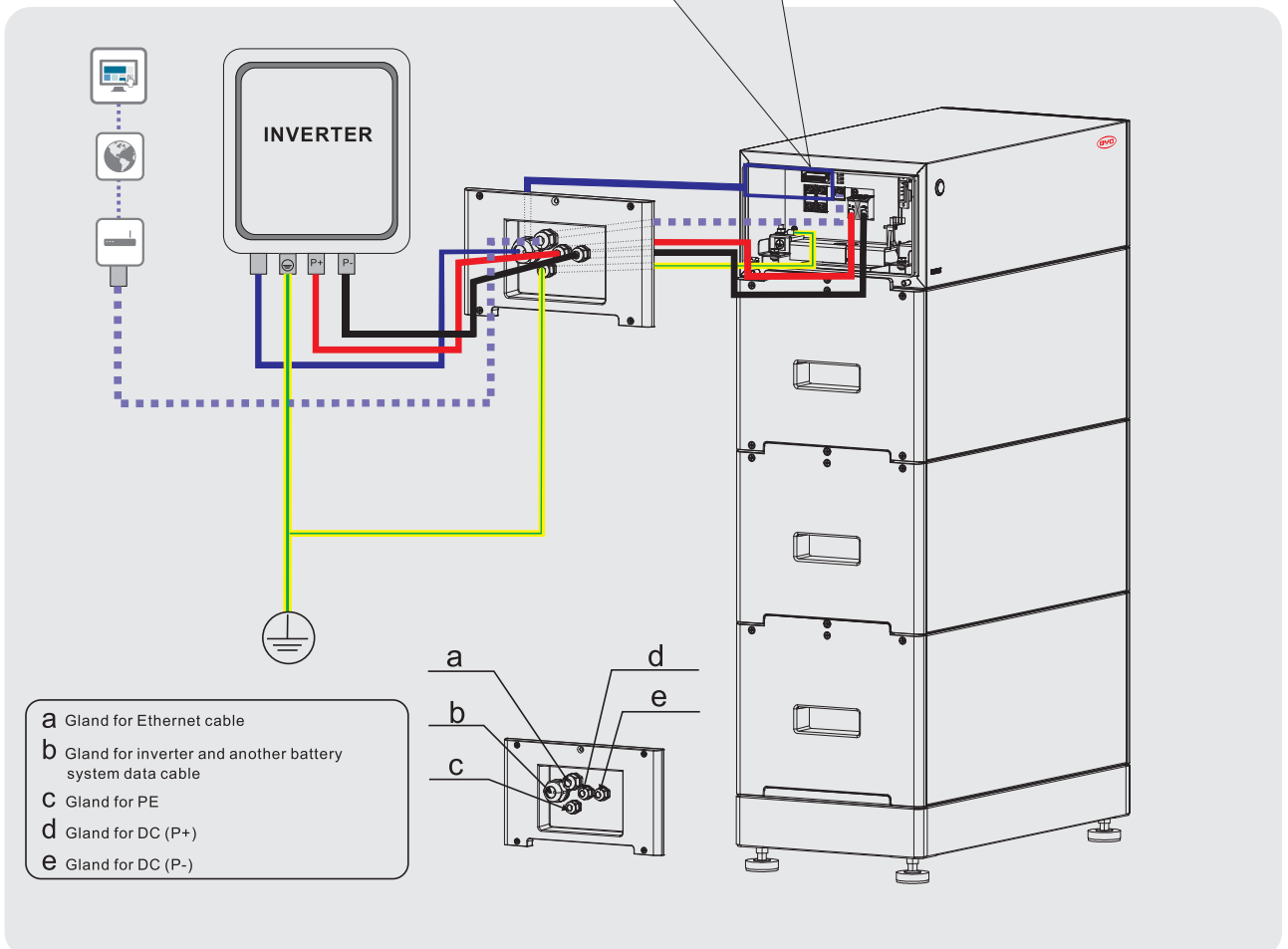
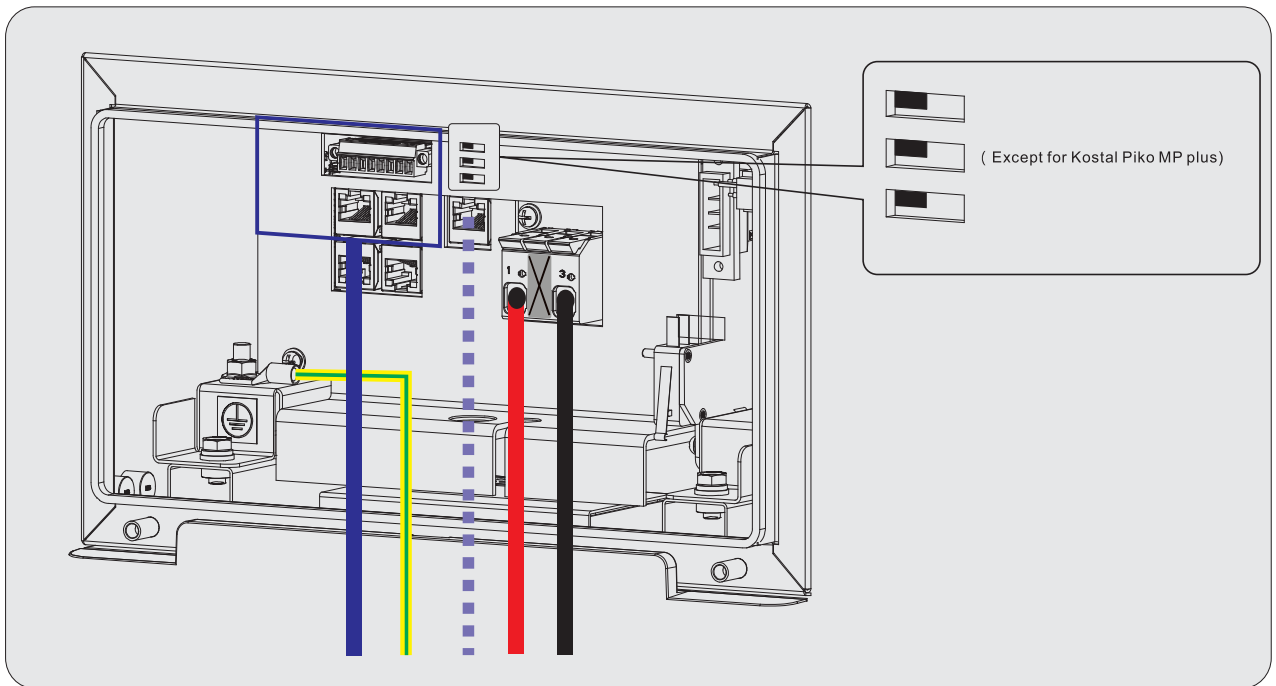
6. **en** Installation **de** Aufstellung **es** Instalación **fr** Installation **it** Installazione

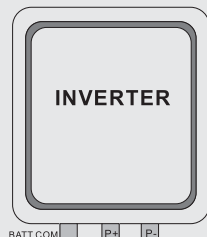
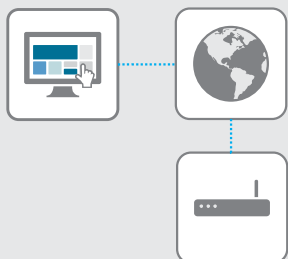
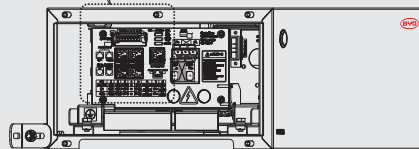
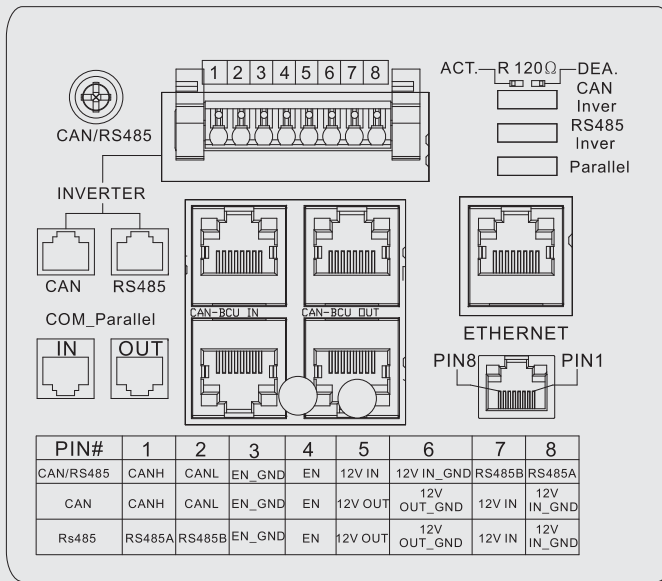




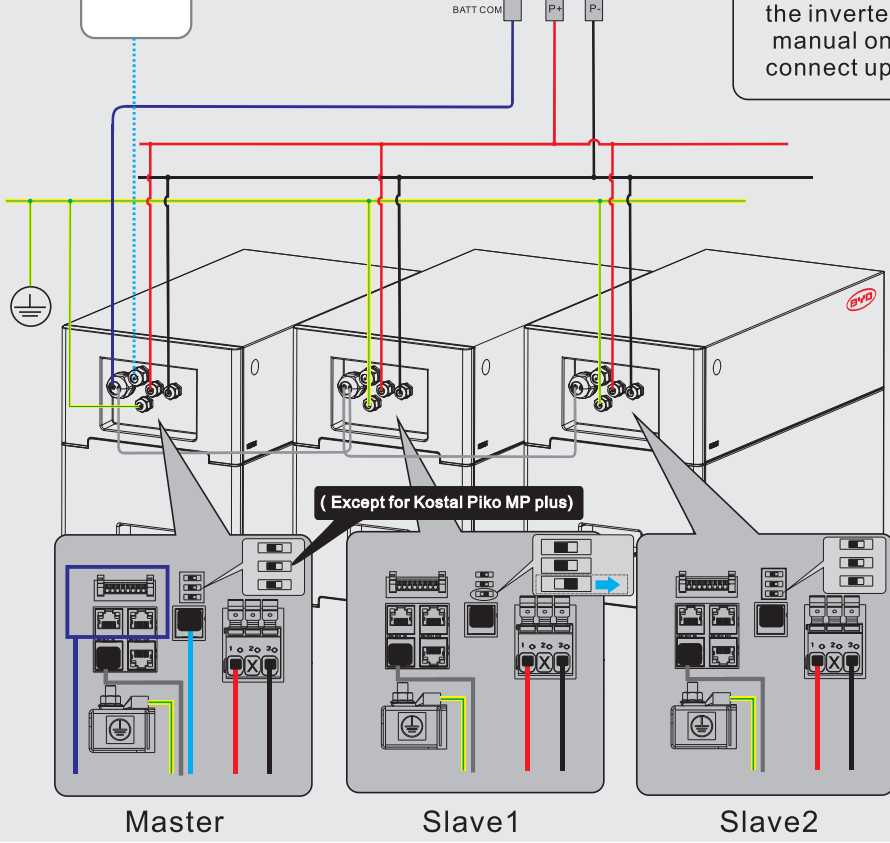


7. **en** Connection Diagram **de** Anschlussplan **es** Plan de conexión
fr Diagramme de connexion **it** Schema dei collegamenti



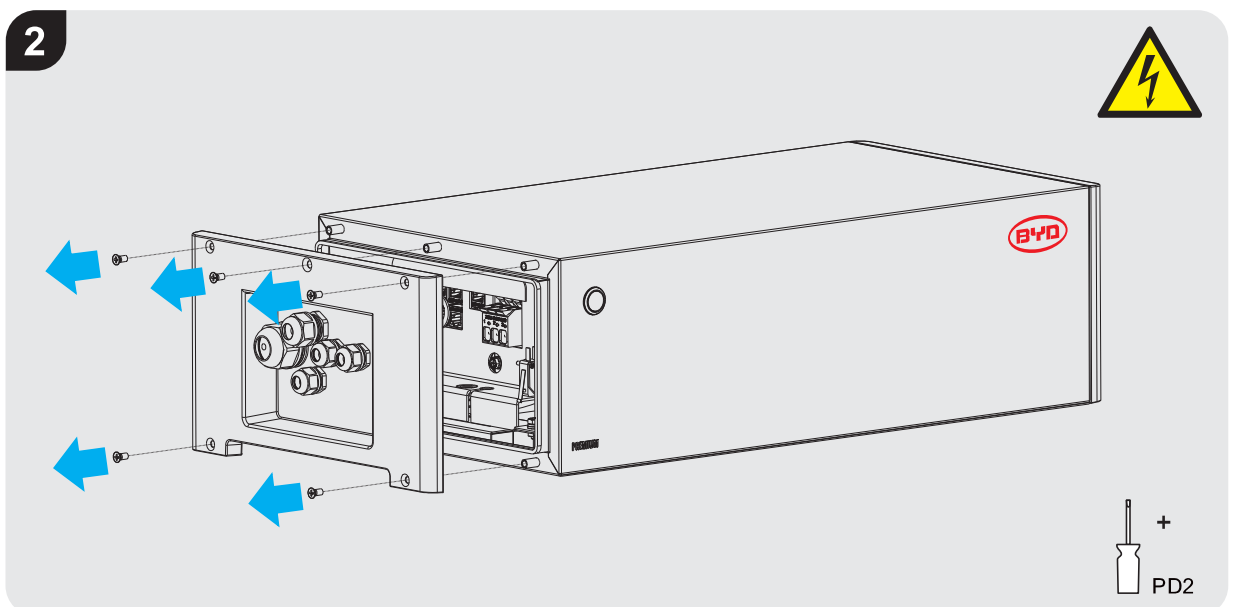
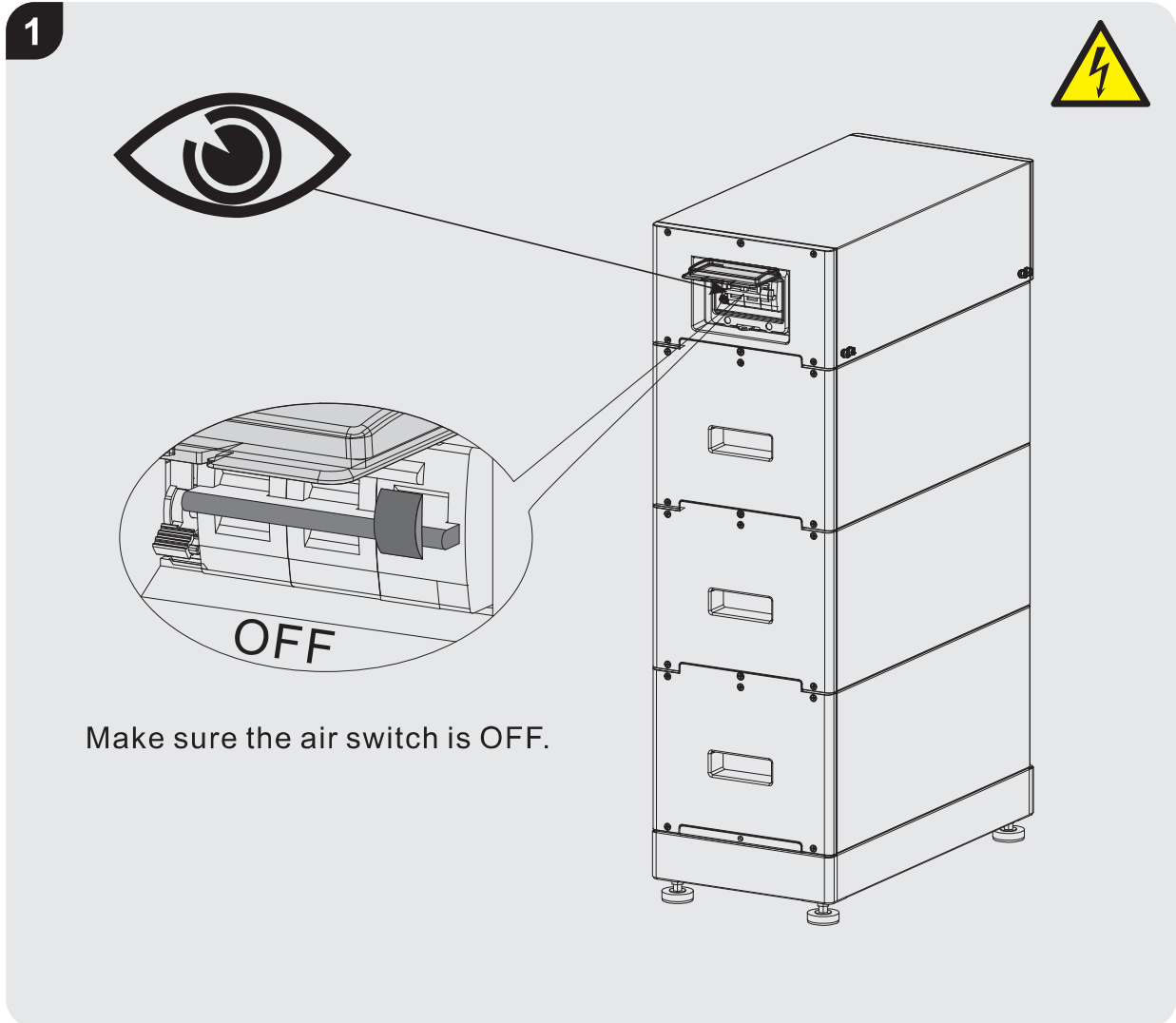


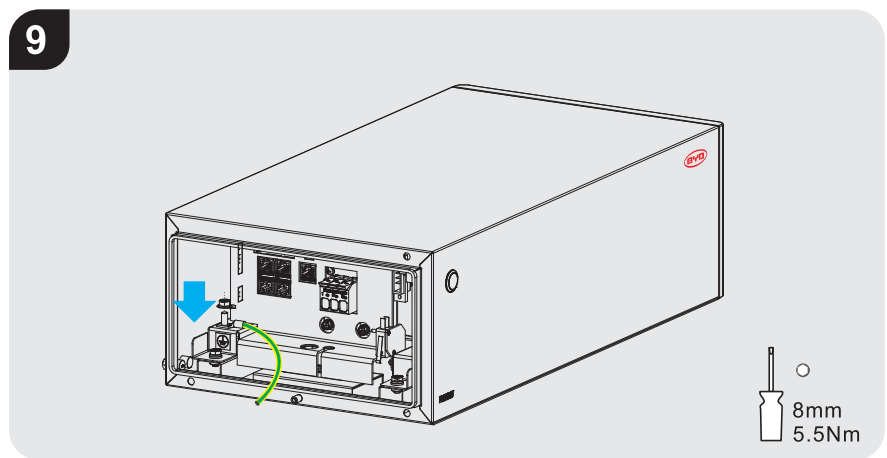
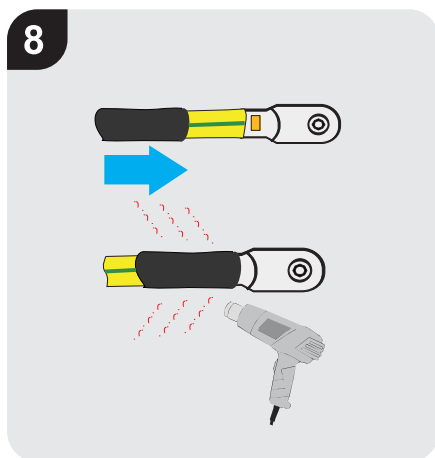
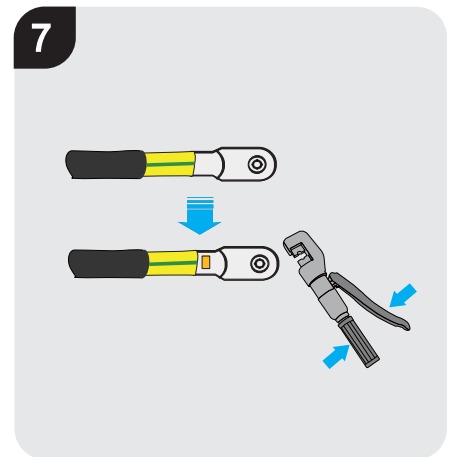
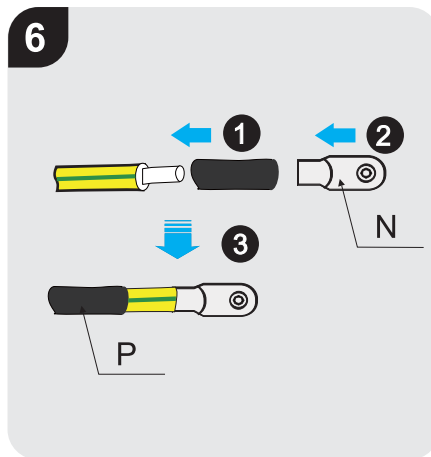
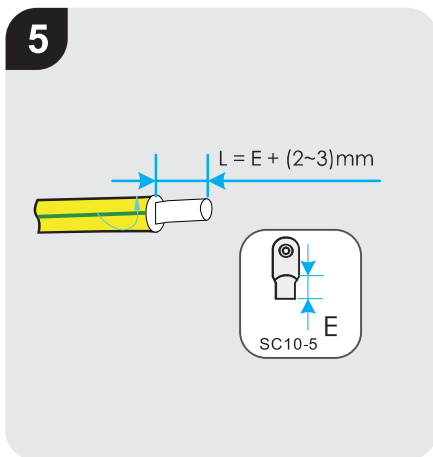
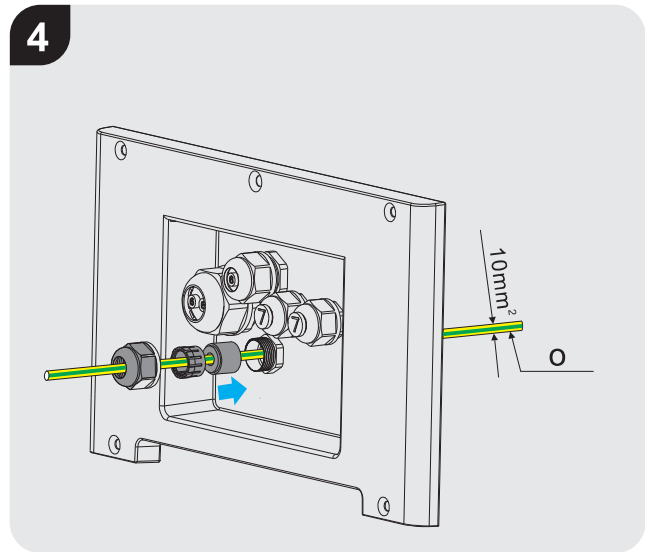
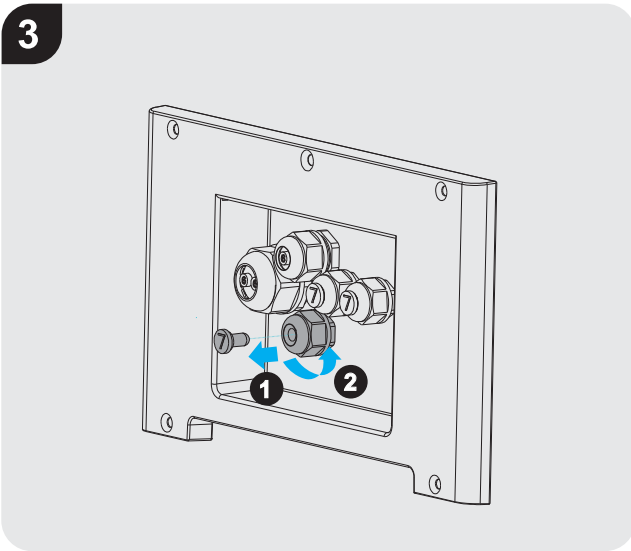
NOTICE
 Parallel connection is not applicable to SMA Sunny Boy Storage 3.7-6.0. Please check the inverter operation manual on how to connect up to three batteries.





8. **en** Connecting the Grounding Conductor **de** Anschließen des Erdungsleiters
es Conexión del conductor de tierra **fr** Connexion du conducteur de mise à la terre
it Collegamento del conduttore di terra







9. **en** Communication Cable Connection to Inverter
de Kommunikationskabelverbindung zum Wechselrichter
es Conexión del cable de comunicación al inversor
fr Connexion du câble de communication à l'onduleur
it Collegamento del cavo di comunicazione all'inverter

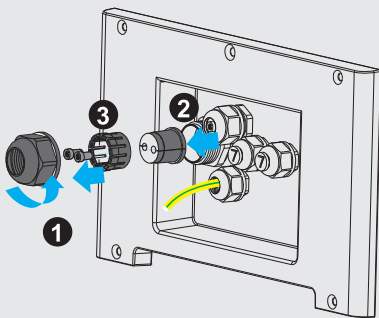
Read the BYD Battery-Box Premium HV Compatible Inverter List before connecting the data cable.



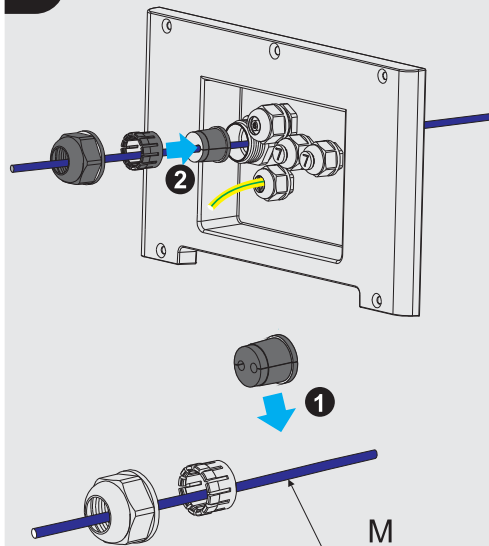
Model	Power (kW)	Voltage (V)	Current (A)	Frequency (Hz)	Phase	Notes
BYD B6000-500	500	500	1000	50	3	
BYD B6000-600	600	600	1200	50	3	
BYD B6000-700	700	700	1400	50	3	
BYD B6000-800	800	800	1600	50	3	
BYD B6000-900	900	900	1800	50	3	
BYD B6000-1000	1000	1000	2000	50	3	
BYD B6000-1100	1100	1100	2200	50	3	
BYD B6000-1200	1200	1200	2400	50	3	
BYD B6000-1300	1300	1300	2600	50	3	
BYD B6000-1400	1400	1400	2800	50	3	
BYD B6000-1500	1500	1500	3000	50	3	
BYD B6000-1600	1600	1600	3200	50	3	
BYD B6000-1700	1700	1700	3400	50	3	
BYD B6000-1800	1800	1800	3600	50	3	
BYD B6000-1900	1900	1900	3800	50	3	
BYD B6000-2000	2000	2000	4000	50	3	
BYD B6000-2100	2100	2100	4200	50	3	
BYD B6000-2200	2200	2200	4400	50	3	
BYD B6000-2300	2300	2300	4600	50	3	
BYD B6000-2400	2400	2400	4800	50	3	
BYD B6000-2500	2500	2500	5000	50	3	
BYD B6000-2600	2600	2600	5200	50	3	
BYD B6000-2700	2700	2700	5400	50	3	
BYD B6000-2800	2800	2800	5600	50	3	
BYD B6000-2900	2900	2900	5800	50	3	
BYD B6000-3000	3000	3000	6000	50	3	



1

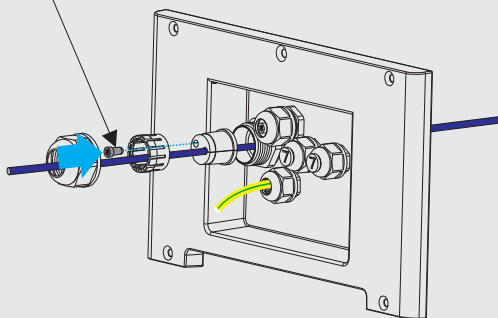


2

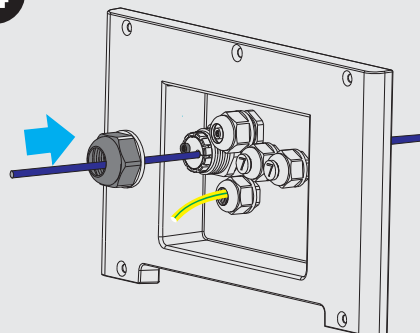


3

If only one hole is used, make sure the plug is installed.

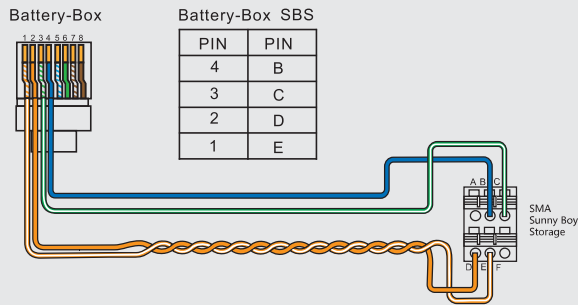


4



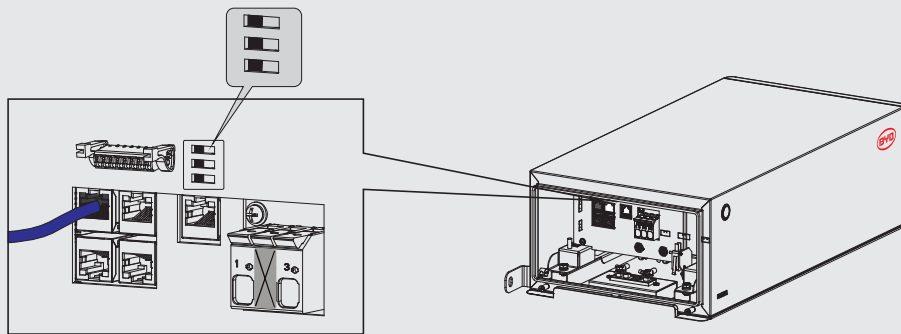


5a SMA SBS 2.5 / 3.7 / 5.0 / 6.0 Option a

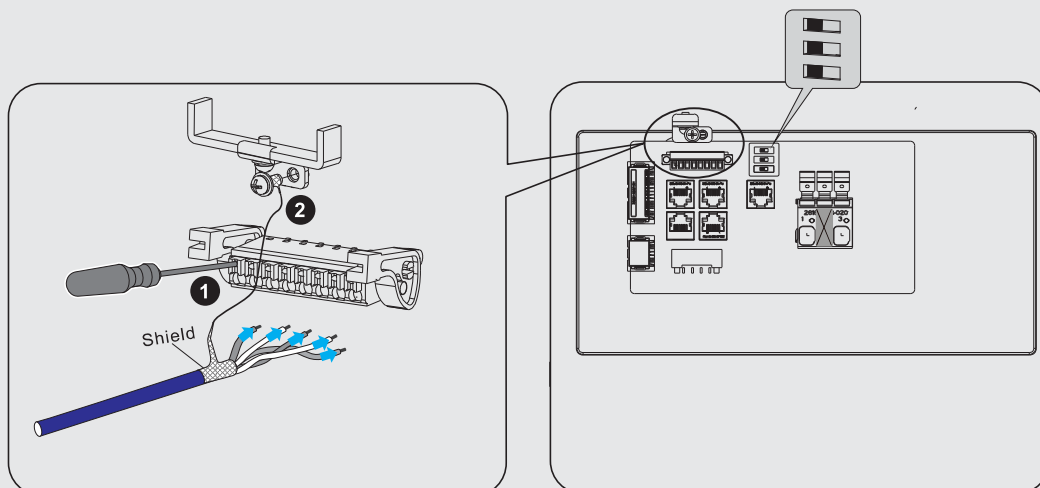
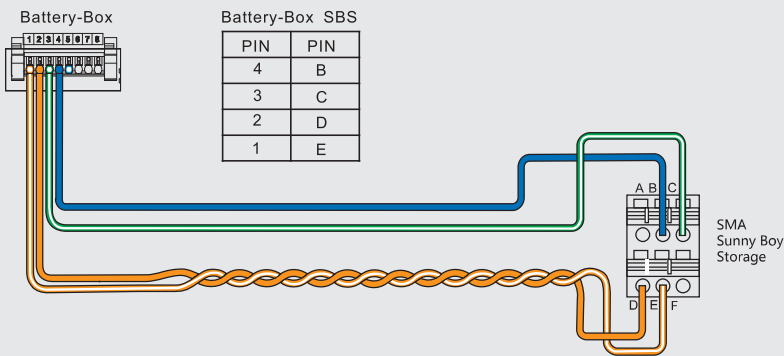


NOTICE

Parallel connection is not applicable to SMA Sunny Boy Storage 3.7-6.0. Please check the inverter operation manual on how to connect up to three batteries.

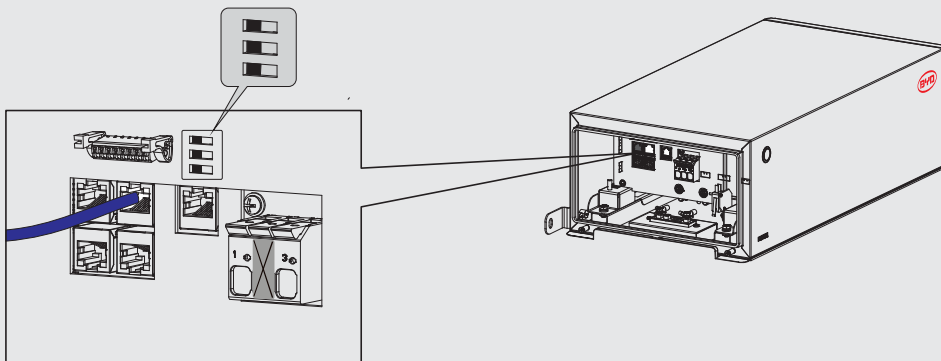
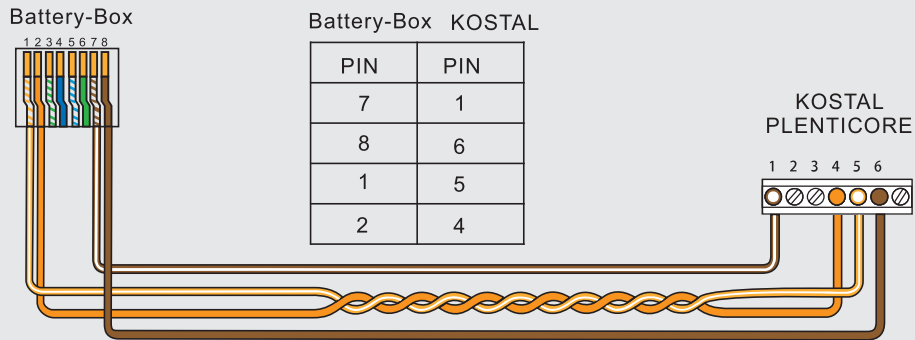


5b SMA SBS 2.5 / 3.7 / 5.0 / 6.0 Option b

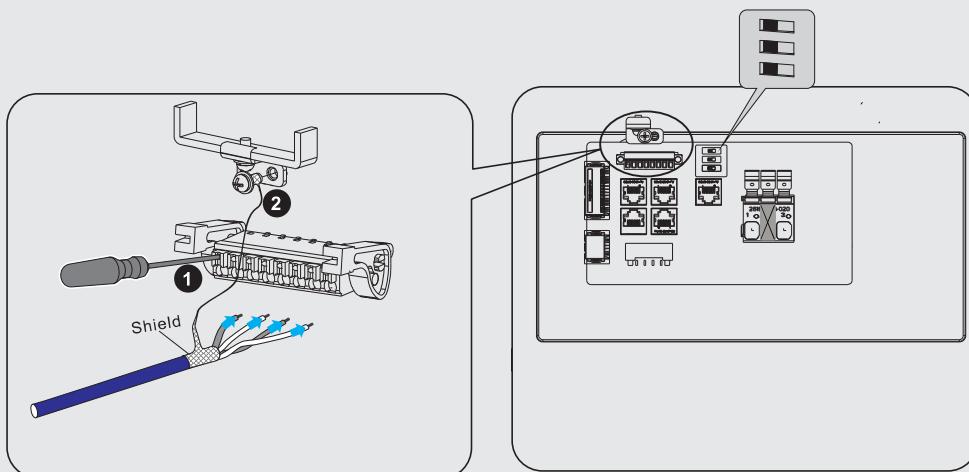
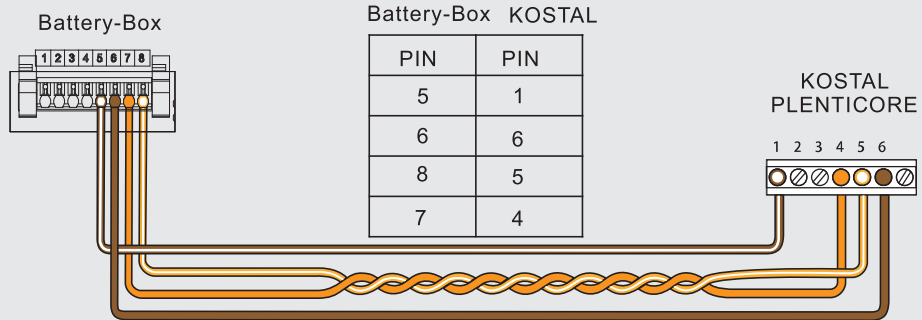




5c Kostal PLENTICORE Plus/ Plenticore BI Option a



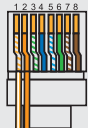
5d Kostal PLENTICORE Plus/ Plenticore BI Option b





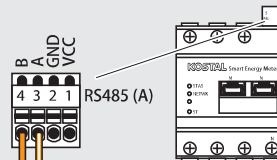
5e Kostal PIKO MP Plus Option a

Battery-Box

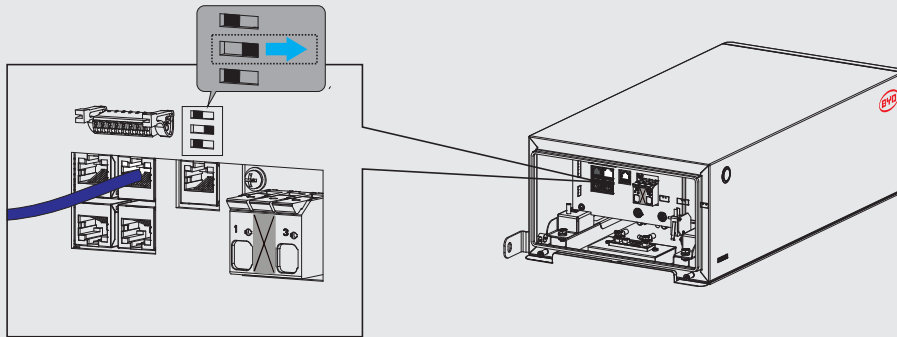


Battery-Box KOSTAL

PIN	PIN
1	3
2	4

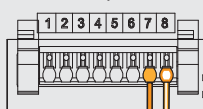


KOSTAL Smart Energy Meter



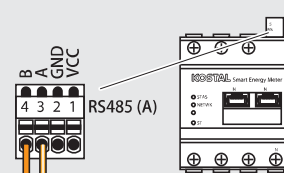
5f Kostal PIKO MP Plus Option b

Battery-Box

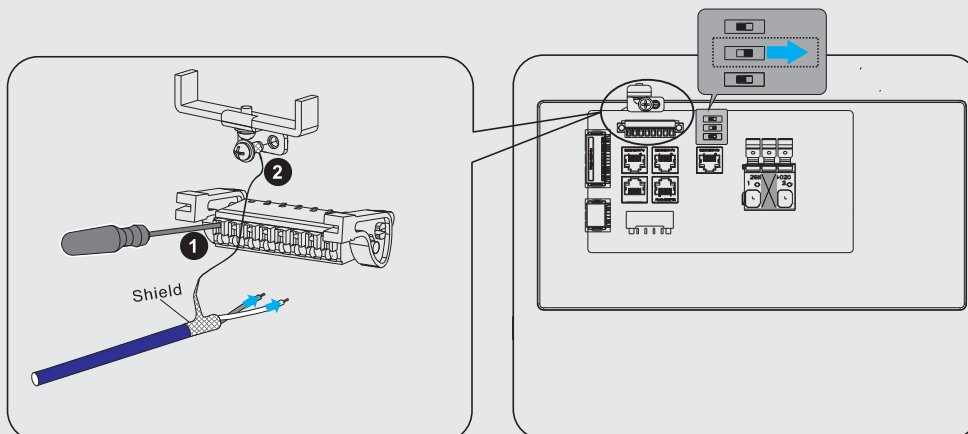


Battery-Box KOSTAL

PIN	PIN
7	4
8	3

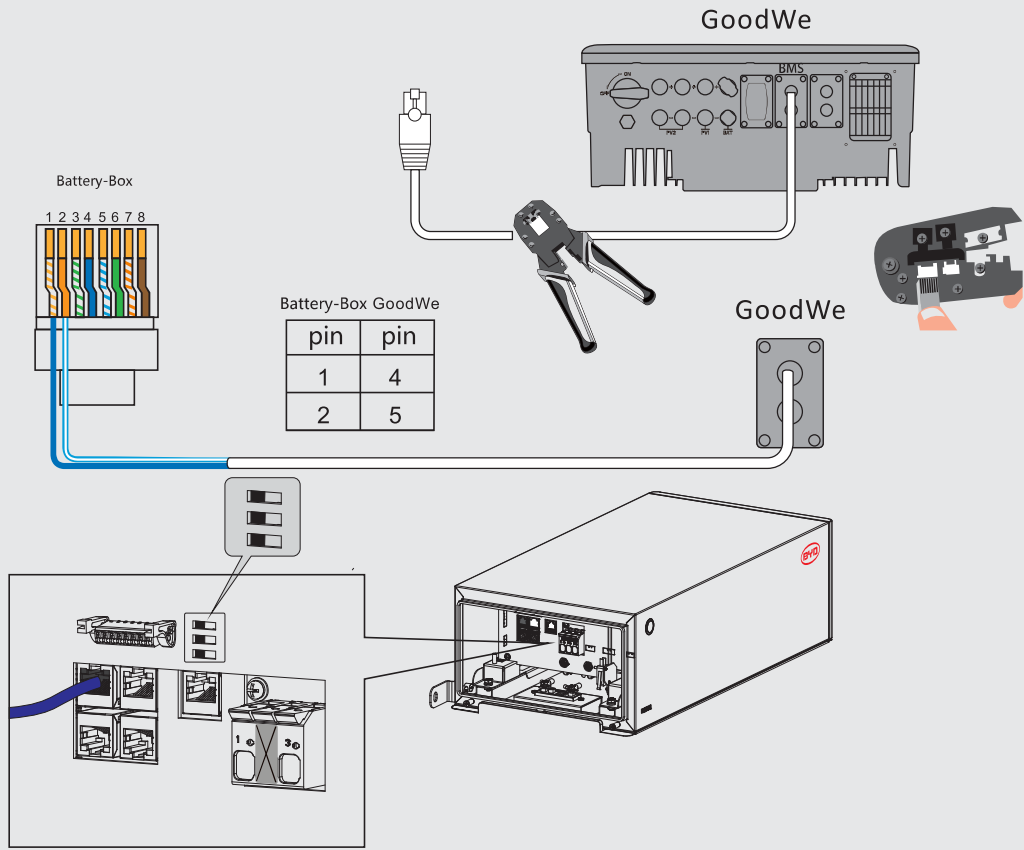


KOSTAL Smart Energy Meter

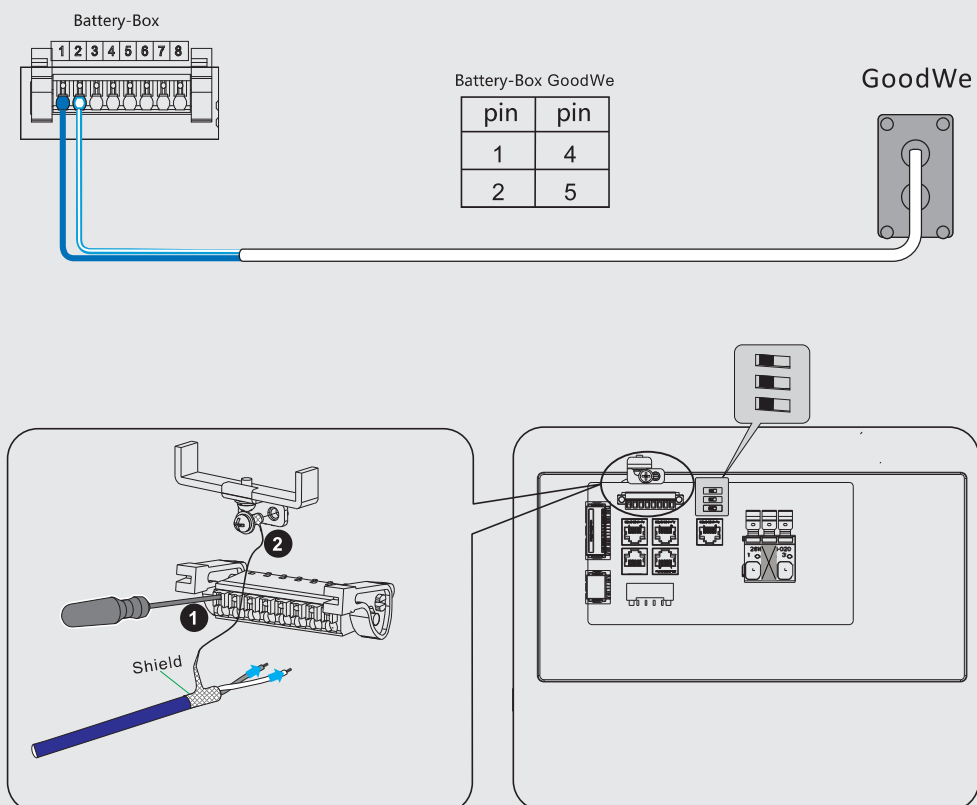




5g GOODWE ET/BT/EH/BH Option a

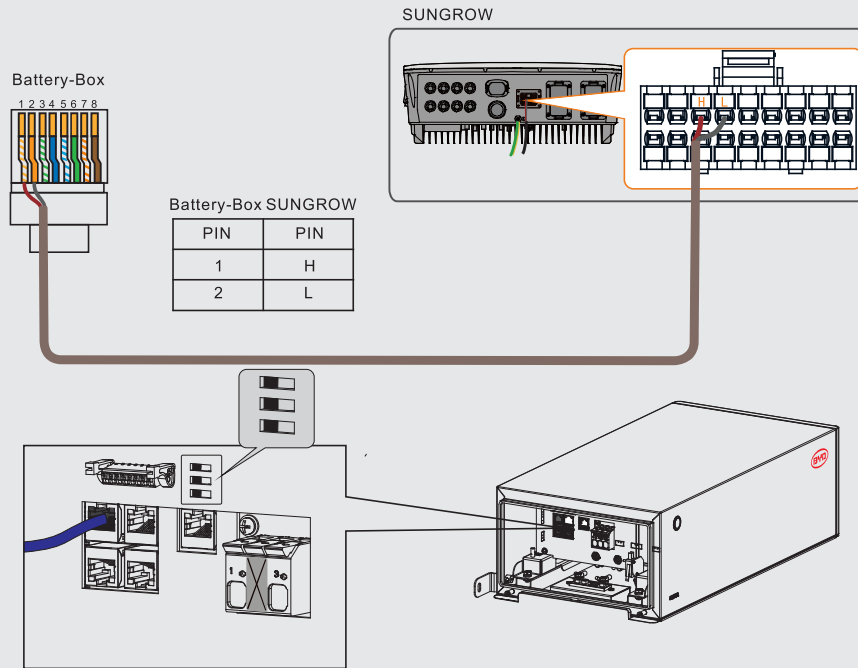


5h GOODWE ET/BT/EH/BH Option b

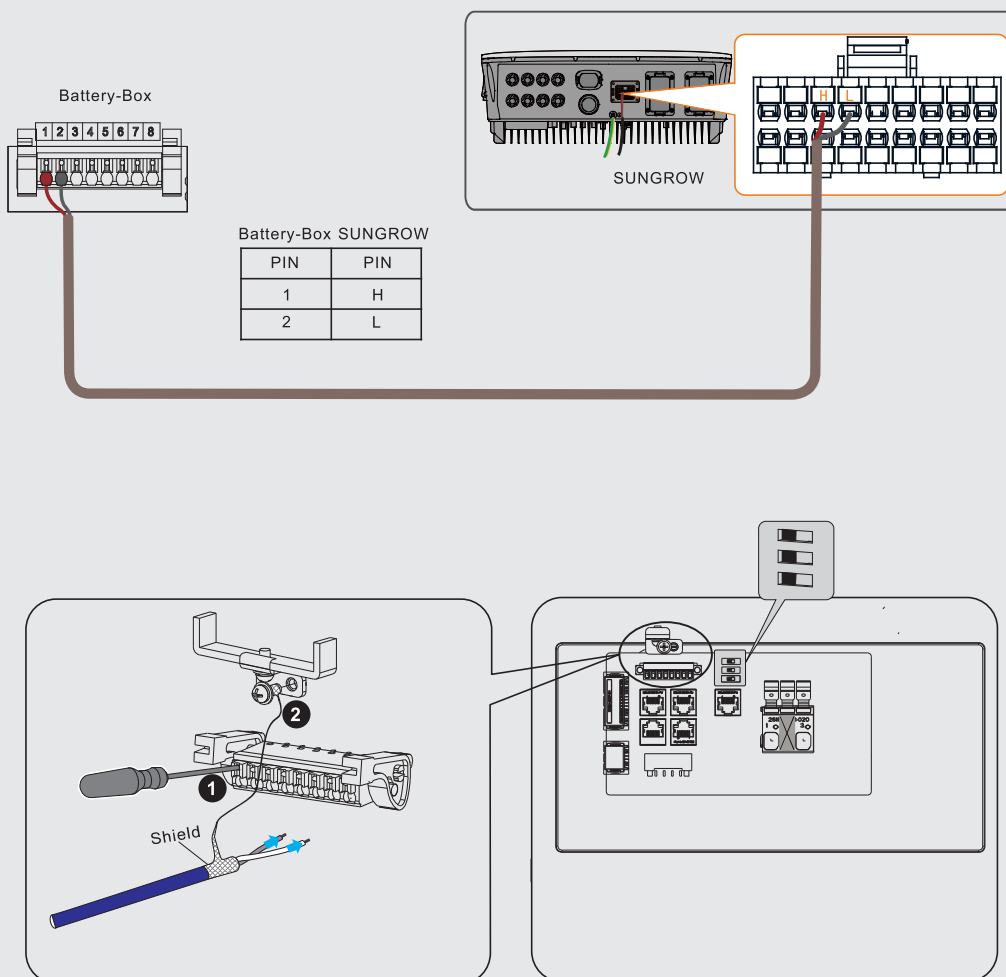




5i SUNGROW SH5.0_6.0_8.0_10RT Option a

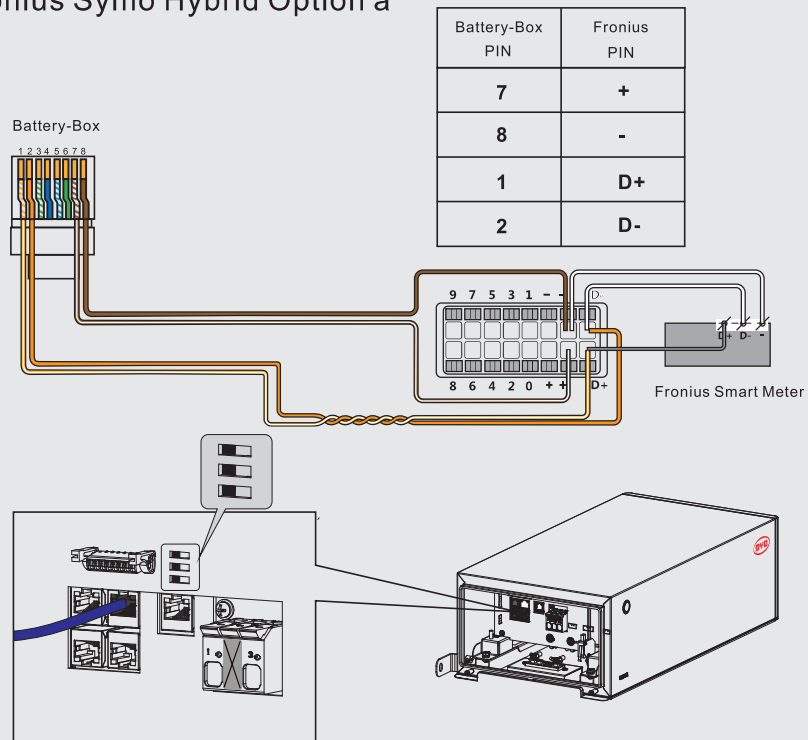


5j SUNGROW SH5.0_6.0_8.0_10RT Option b

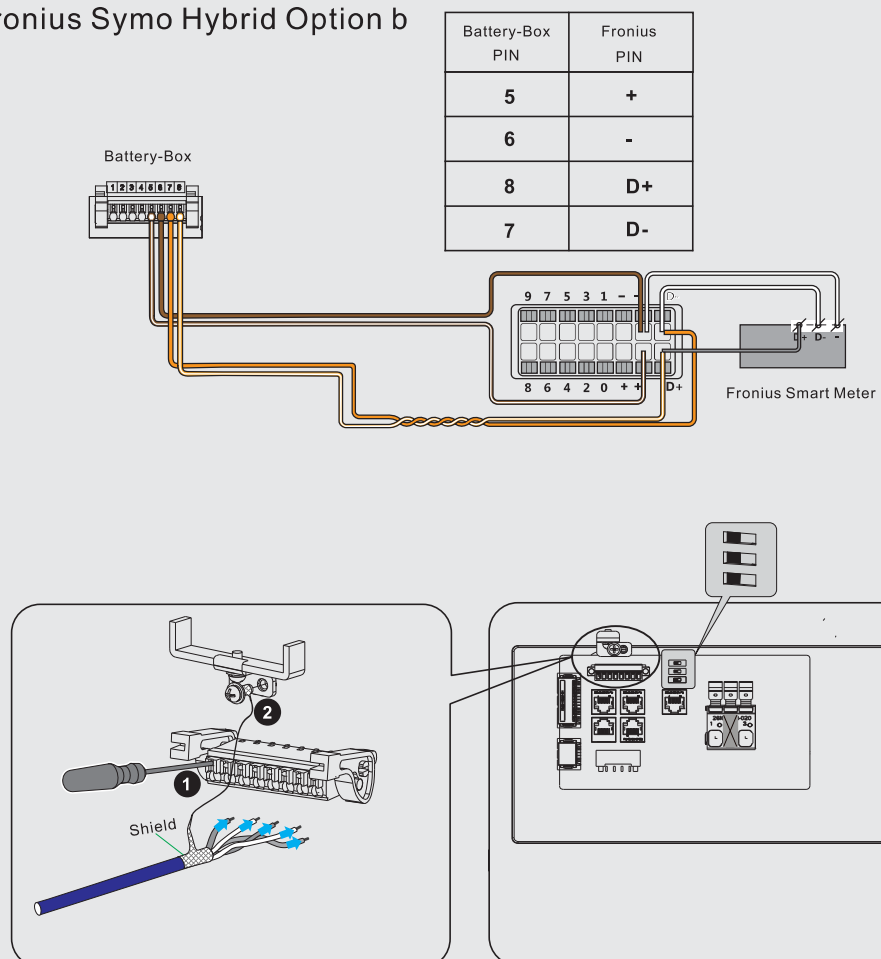




5k Fronius Symo Hybrid Option a



5l Fronius Symo Hybrid Option b

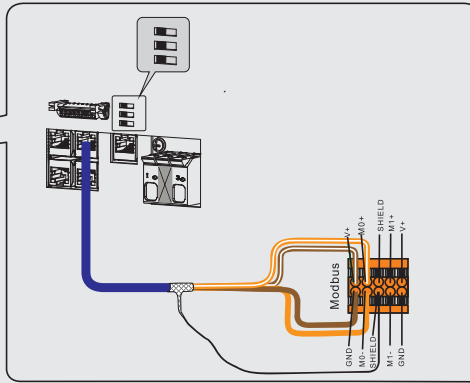
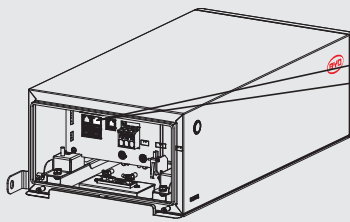
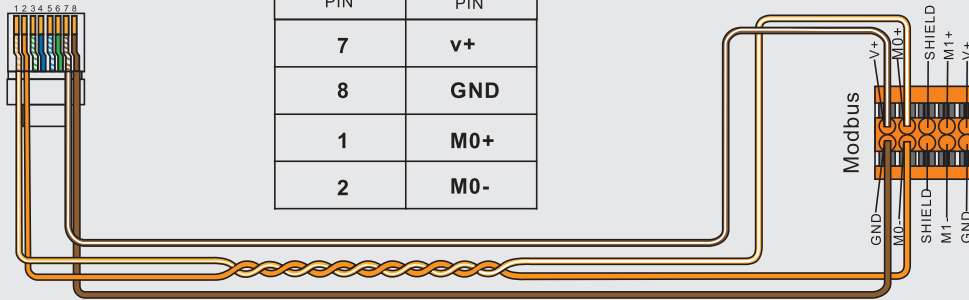




5m Fronius Primo Gen24Plus/Symo Gen24Plus Option a

Battery-Box

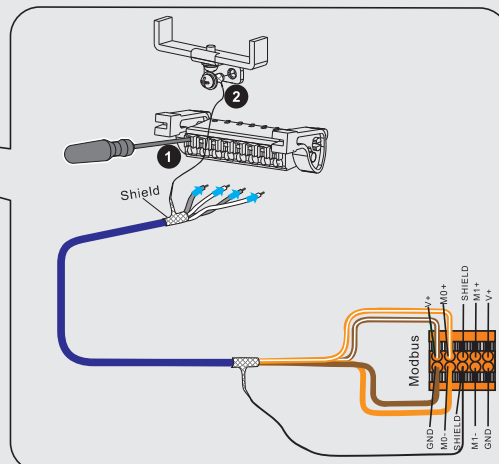
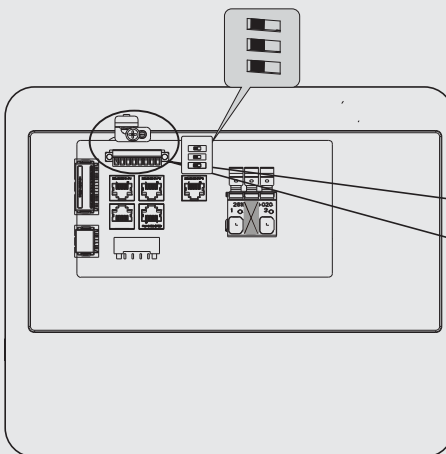
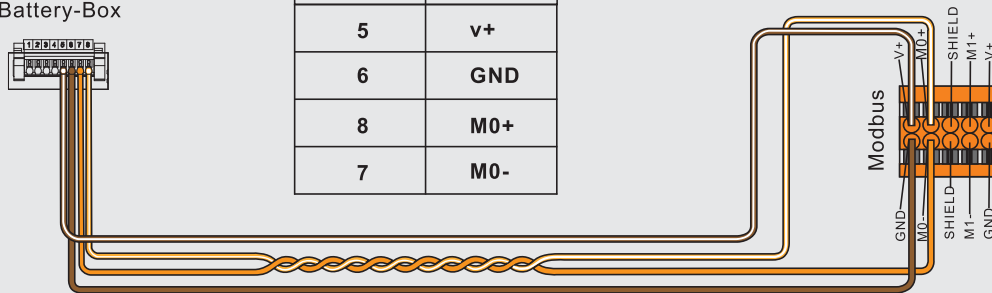
Battery-Box PIN	Modbus PIN
7	v+
8	GND
1	M0+
2	M0-



5n Fronius Primo Gen24Plus/Symo Gen24Plus Option b

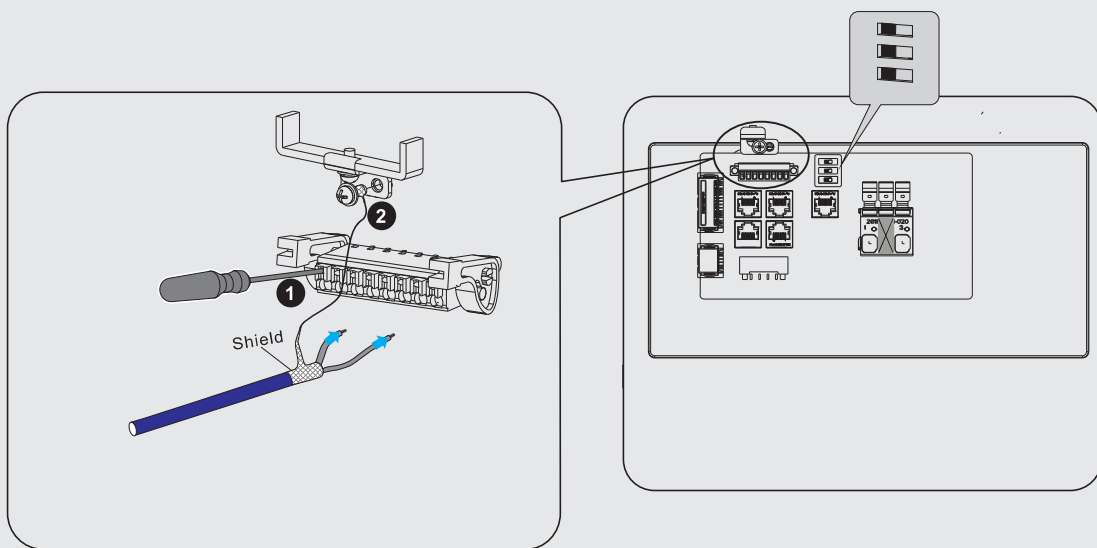
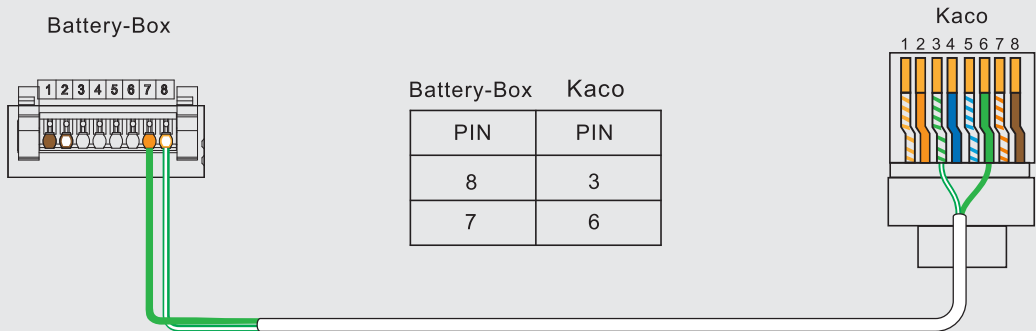
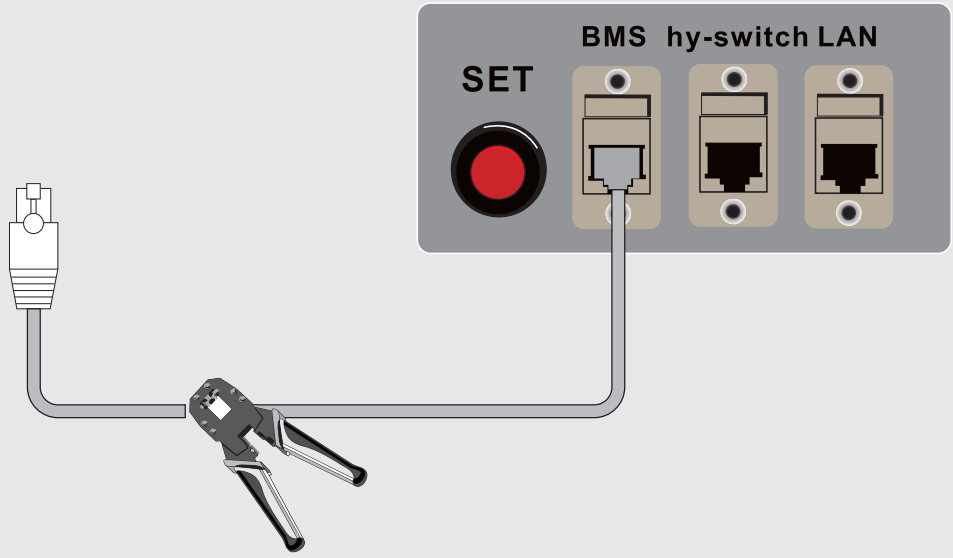
Battery-Box

Battery-Box PIN	Modbus PIN
5	v+
6	GND
8	M0+
7	M0-



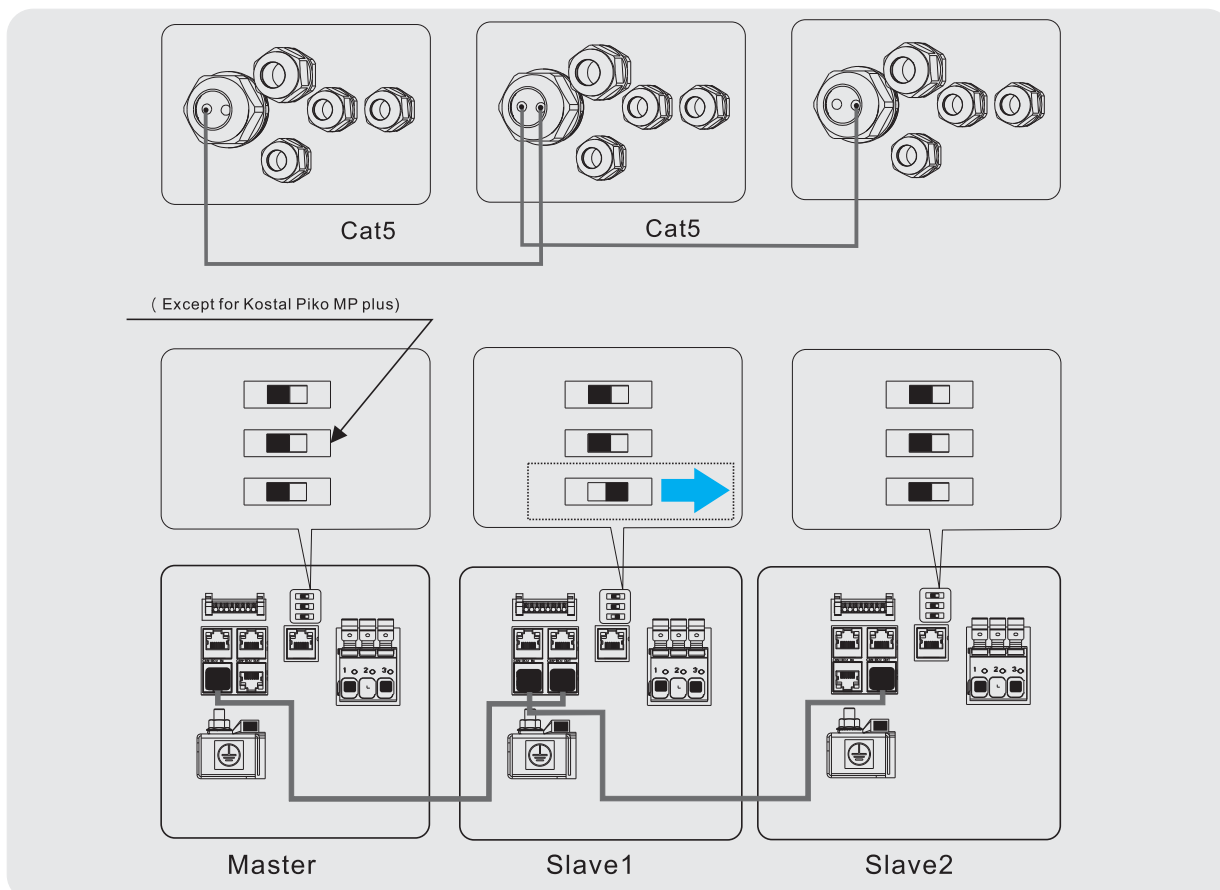
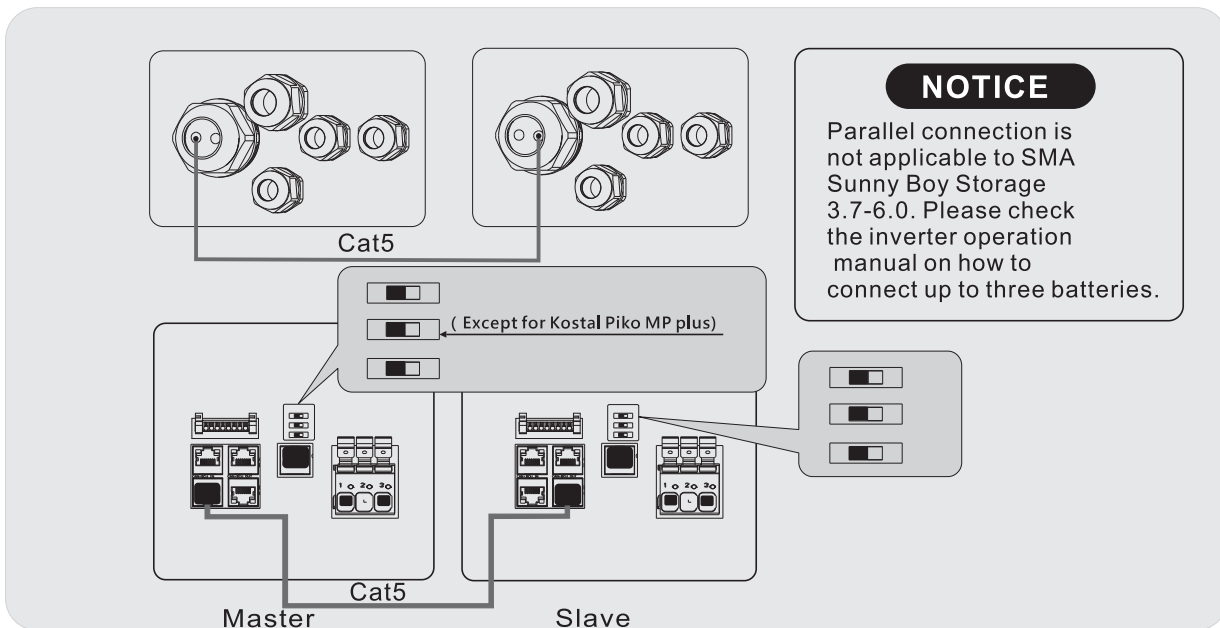


50 Kaco blueplanet hybrid 6.0 - 10.0 TL3



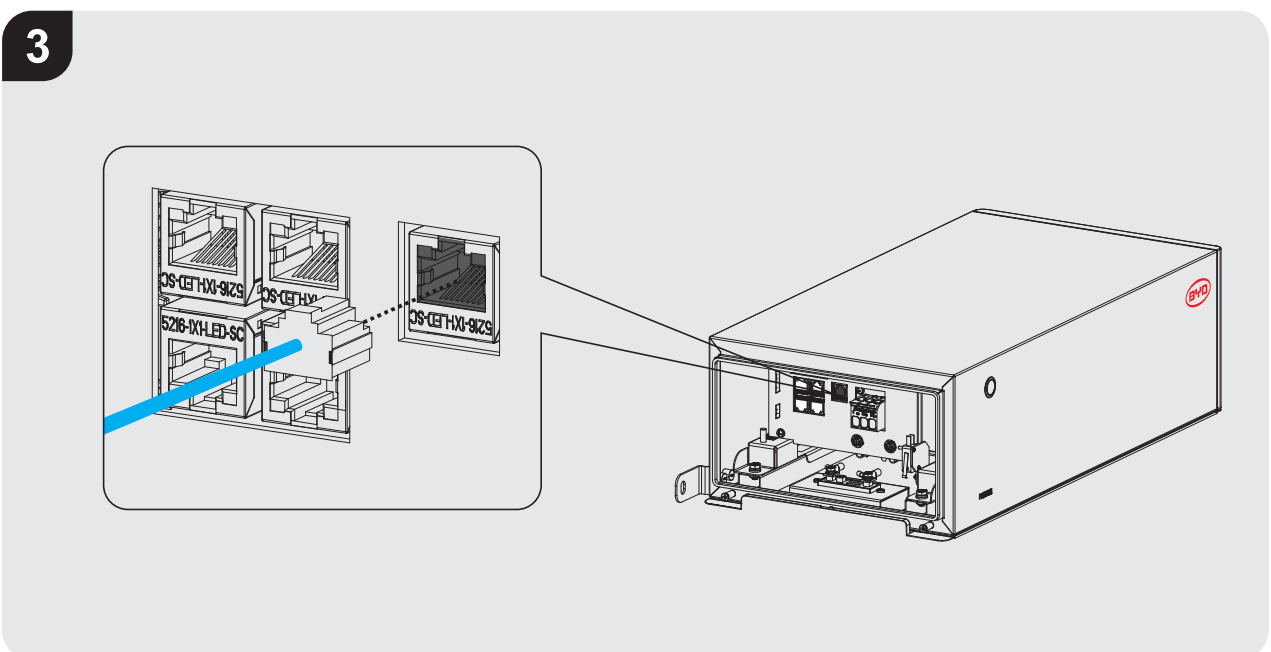
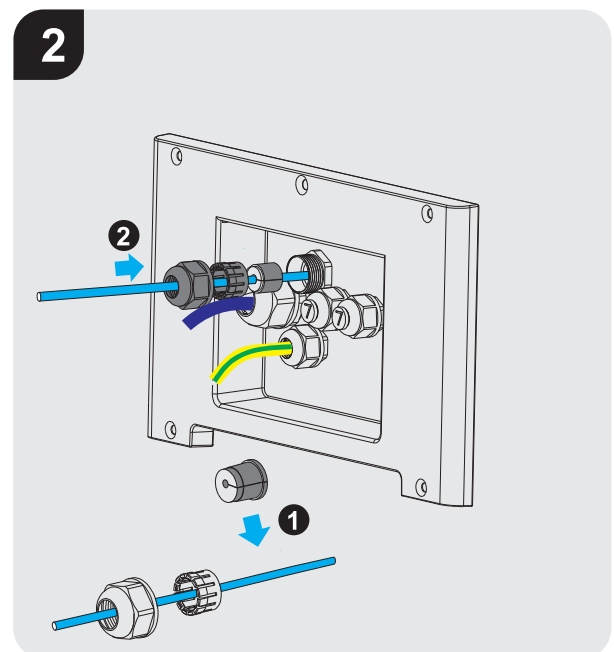
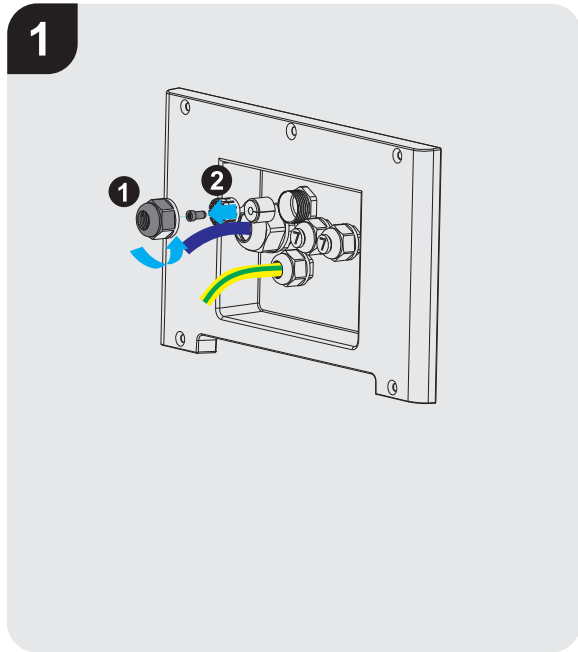


10. **en** Connecting the Data Cable for the Internal Communication (Only needed when two or three battery systems are operated in parallel.)
- de** Anschließen des Datenkabels für die interne Kommunikation (Wird nur benötigt, wenn zwei oder drei Batteriesysteme parallel betrieben werden.)
- es** Conexión del cable de datos para la comunicación interna (Solo es necesario cuando dos o tres sistemas de baterías funcionan en paralelo.)
- fr** Connexion du câble de données pour la communication interne (Uniquement nécessaire lorsque deux ou trois systèmes de batteries fonctionnent en parallèle.)
- it** Collegamento del cavo dati per la comunicazione interna (Necessario solo quando due o tre sistemi di batterie funzionano in parallelo.)



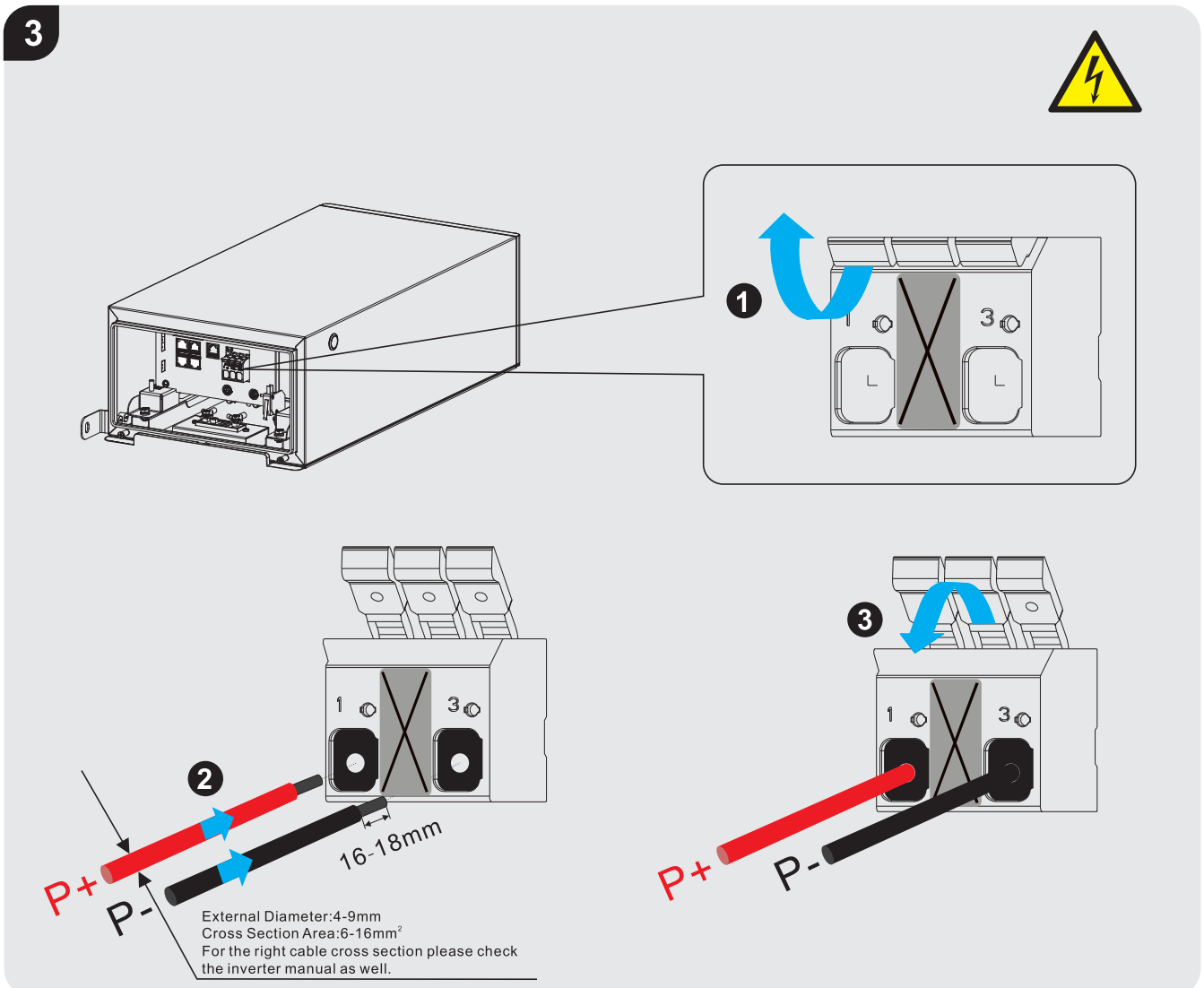
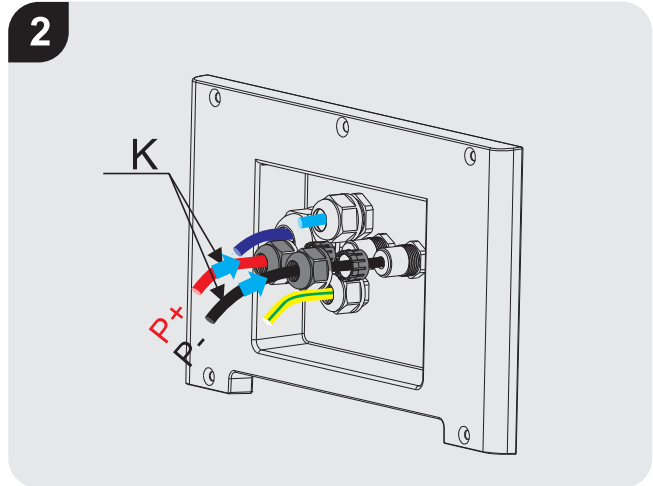
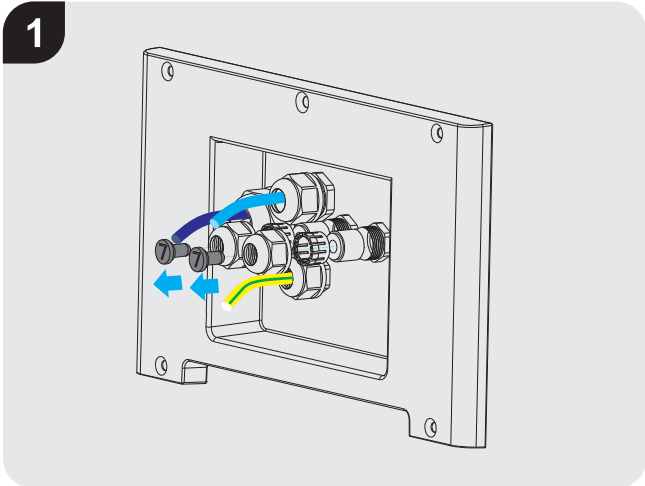


11. **en** Connecting the Network **de** Netzwerk anschließen **es** Conexión de la red
fr Connexion au réseau **it** Collegamento di rete



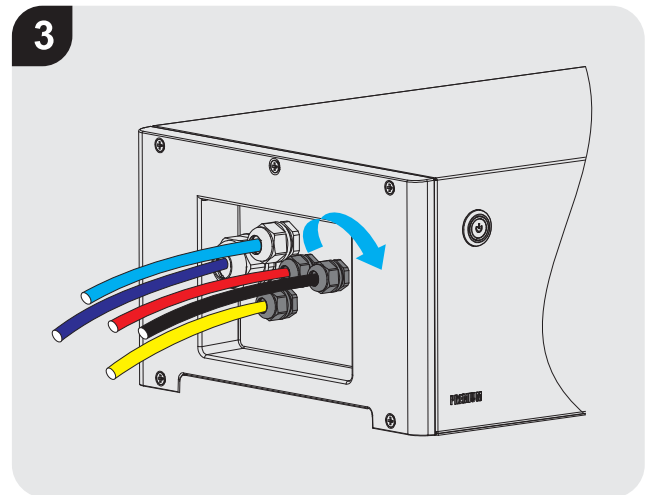
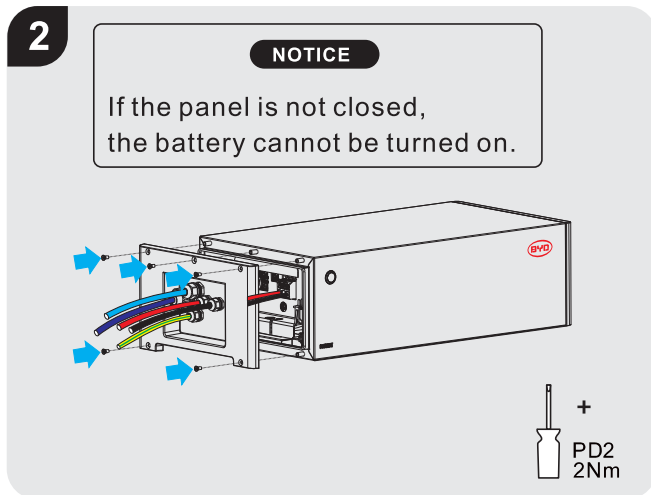
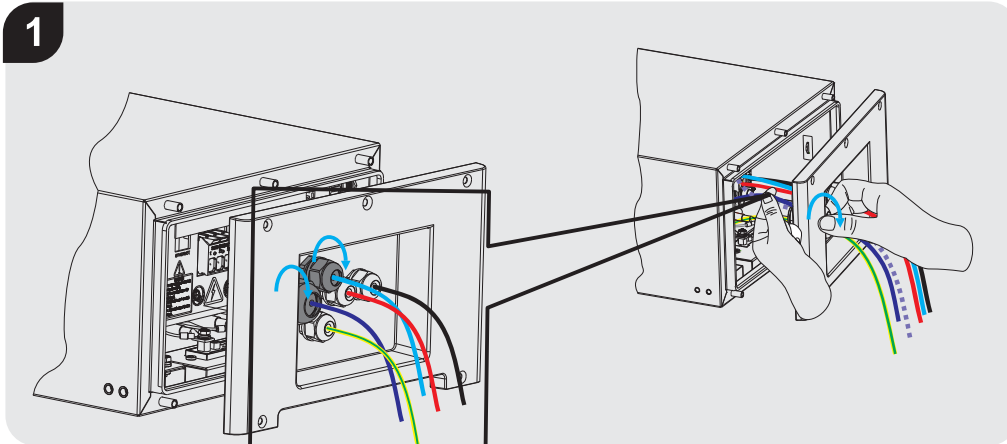


12. **en** DC Connection **de** DC-Anschluss **es** Conexión de CC
fr Raccordement DC **it** Collegamento CC



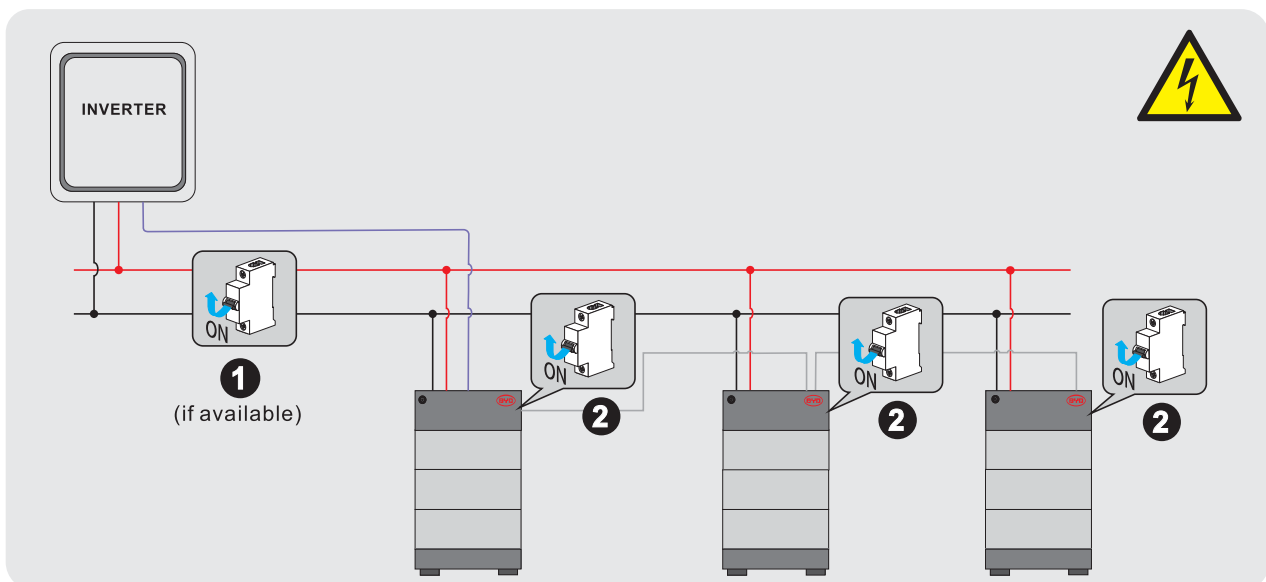


13. **en** Close up **de** Schließen **es** Cubrir **fr** Fermer **it** Coprire



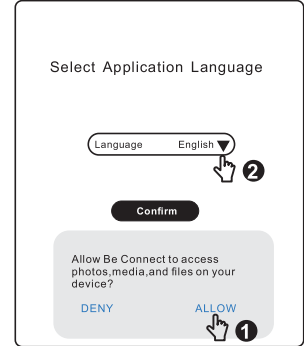
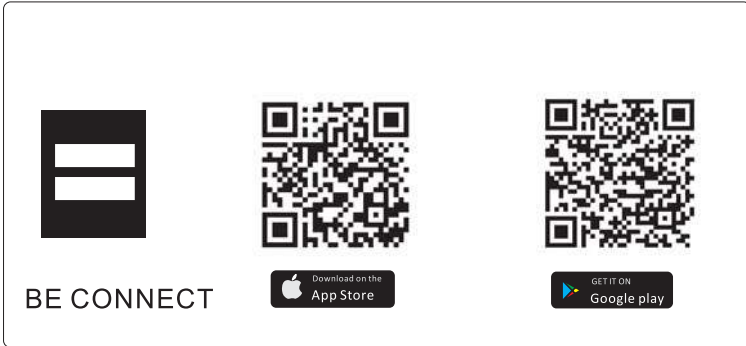
14. **en** Commissioning **de** Kommission **es** comisión **fr** commission **it** commissione

- 14.1 **en** Switch on the Battery System
de Batteriesystem einschalten
es Encienda el sistema de batería
fr Allumez le système de batterie
it Accendere il sistema batteria





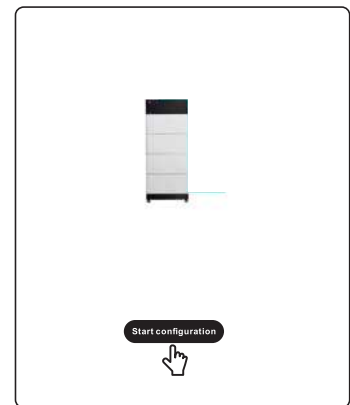
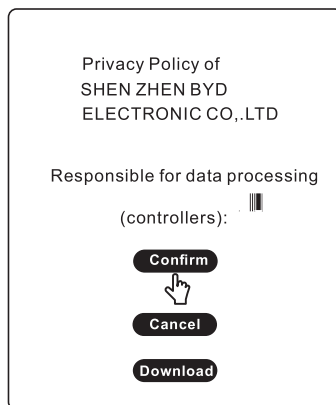
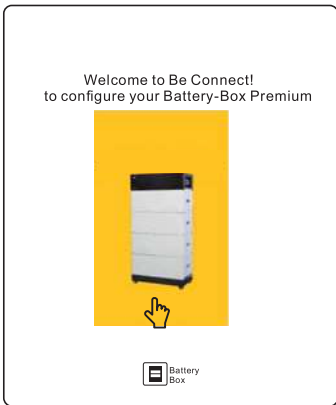
14.2 **en** Configuration **de** Konfiguration **es** Configuración
fr Configuration **it** Configurazione



1

2

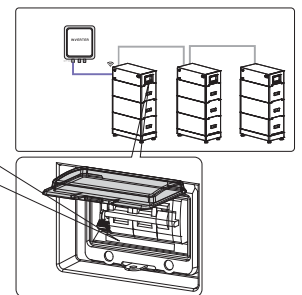
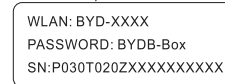
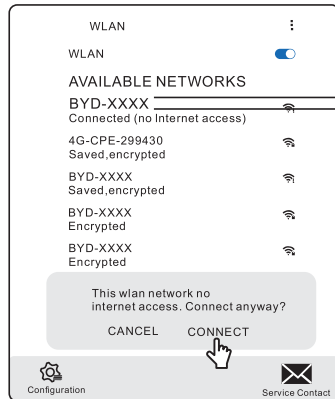
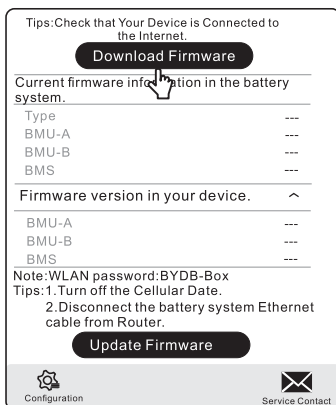
3



4

5

6



7

8



Tips: Check that Your Device is Connected to the Internet.

Download Firmware

Firmware Information on battery-BOX. ^

Type	---
BMU-A	---
BMU-B	---
BMS	---

Firmware Information on your device. ^

BMU-A	---
BMU-B	---
BMS	---

Note: WLAN password: BYDB-Box
 Tips: 1. Turn off the Cellular Date.
 2. Disconnect the product Ethernet cable at router side.

Update Firmware

Configuration Service Contact



Time Inverter System Grid

Time&Date of Installation

Dec-31,2019 10:19

Confirm

Back

Configuration Service Contact



Time Inverter System Grid

Inverter ▾

Back

Configuration Service Contact



Time Inverter System Grid

Model ▾

Confirm

Back

Configuration Service Contact



Time Inverter System Grid

Grid ▾

Phase ▾

Confirm

Back

Configuration Service Contact



Time Inverter System Grid

Confirmation interface

Inverter:xxxxxx
 Model:xxx
 Battery Module Quantity per Tower:xx
 Grid: xxxxxx
 Phase:xxxxxx

Submit

Cancel

Configuration Service Contact



Time Inverter System Grid

Time:xxxxxx
 Inverter:xxxxxx
 Model:xxx
 Battery Module Quantity per Tower:xx
 Grid: xxxxx
 Phase:xxxxxx

The configuration is successful!

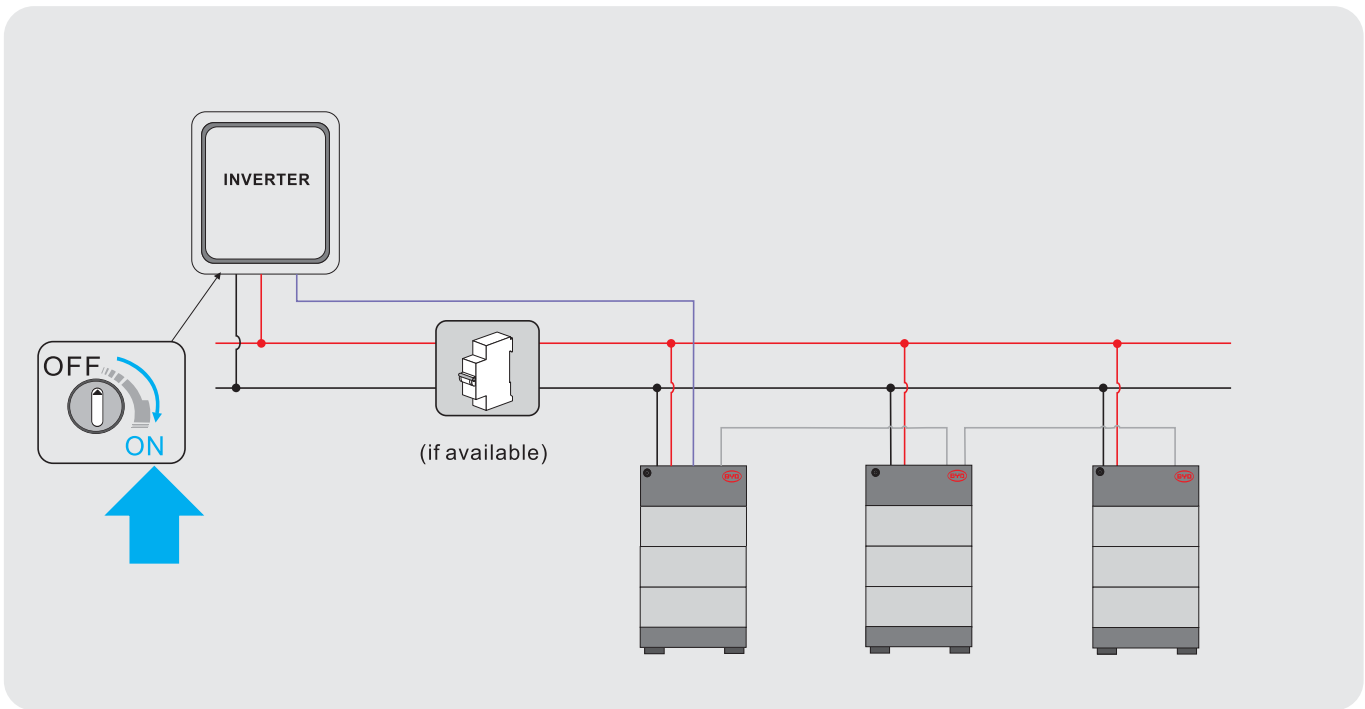
Complete

Configuration Service Contact



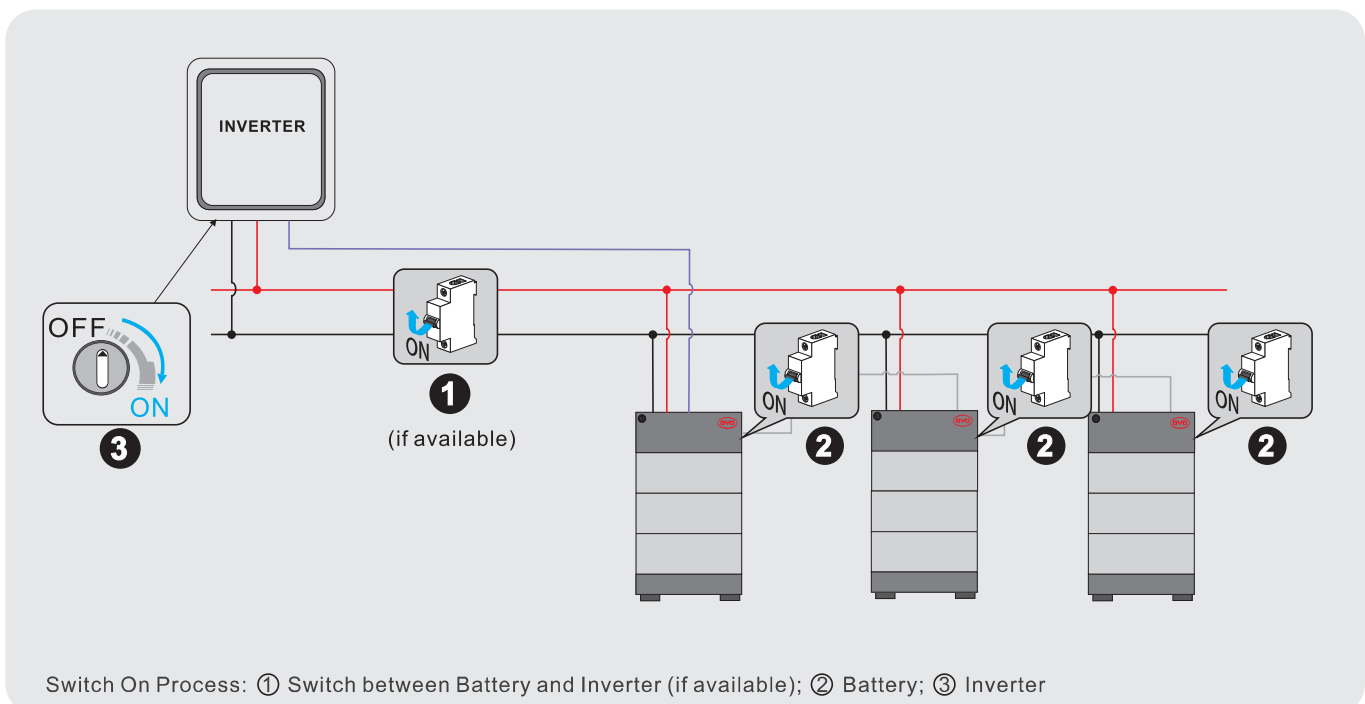


- 14.3 **en** Switch on the Inverter **de** Schalten Sie den Wechselrichter ein
es Encienda el inversor **fr** Allumez l'onduleur **it** Accendere l'inverter



15. **en** Operation **de** Betrieb **es** Operación **fr** Opération **it** Operazione

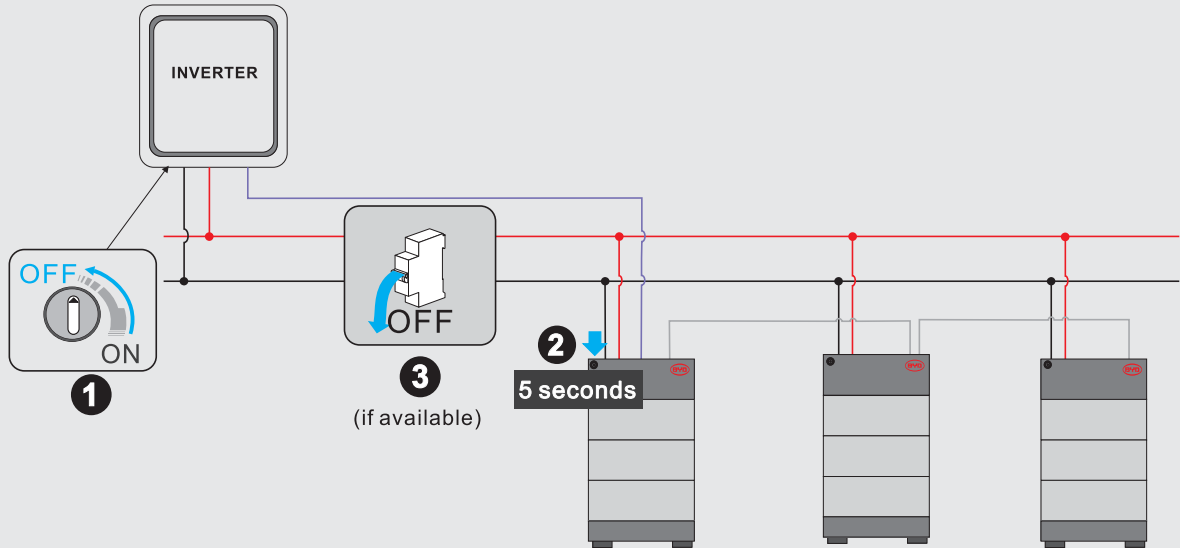
- 15.1 **en** Start Procedure **de** Einschaltreihenfolge **es** Procedimiento de inicio
fr Procédure de démarrage **it** Avviare la procedura



Switch On Process: ① Switch between Battery and Inverter (if available); ② Battery; ③ Inverter



15.2 **en** Switch off Order **de** Ausschaltreihenfolge **es** Desactivar orden
fr Désactiver la commande **it** Spegni Ordine

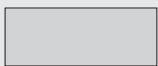


Switch Off Process: ① Inverter; ② Battery; ③ Switch between Battery and Inverter (if available)

16. **en** Extension **de** Erweiterung **es** Extensión **fr** Extension **it** Estensione

New Battery
SOC ≈ 25%

Original Battery
SOC ≈ 25%



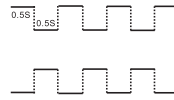
Be Connect



17. en LED Status

Flashing white and blue alternatively

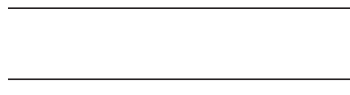
White ON
 OFF
Blue ON
 OFF



The battery system is initiating.

Glowing white

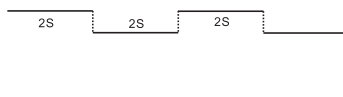
White ON
 OFF
Blue ON
 OFF



Idle (the battery system is neither charging nor discharging).

Flashing white slowly

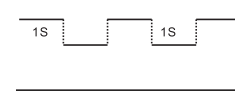
White ON
 OFF
Blue ON
 OFF



The battery system is charging.

Flashing white quickly

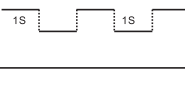
White ON
 OFF
Blue ON
 OFF



The battery system is discharging.

Flashing white and glowing blue

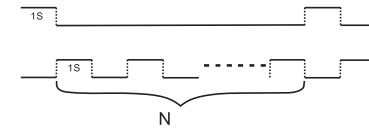
White ON
 OFF
Blue ON
 OFF



The battery system is discharging, and the SOC of Battery-Box is below 15%.

Flashing white and blue

White ON
 OFF
Blue ON
 OFF

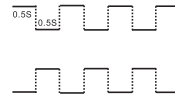


An error has occurred.

de LED-Status

Alternativ blinkend weiß und blau

White ON
 OFF
Blue ON
 OFF



Das Batteriesystem wird gestartet.

Weiß leuchtend

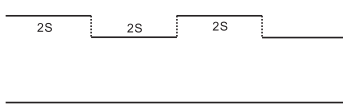
White ON
 OFF
Blue ON
 OFF



Leerlauf (das Batteriesystem wird weder geladen noch entladen).

Langsam blinkend weiß

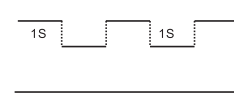
White ON
 OFF
Blue ON
 OFF



Das Batteriesystem wird aufgeladen.

Weiß schnell blinkend

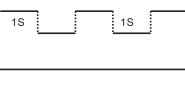
White ON
 OFF
Blue ON
 OFF



Das Batteriesystem entlädt sich.

Weiß blinkend und blau leuchtend

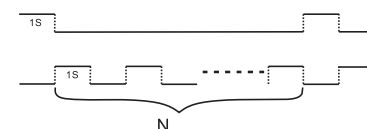
White ON
 OFF
Blue ON
 OFF



Das Batteriesystem entlädt sich und der Ladezustand der Batteriebox liegt unter 15%.

Weiß und blau blinkend

White ON
 OFF
Blue ON
 OFF



Ein Fehler ist aufgetreten.

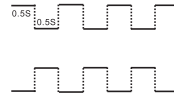


es Estado del LED

Intermitente blanco y azul
alternativamente

White ON
OFF

Blue ON
OFF



El sistema de batería se está iniciando.

Blanco brillante

White ON
OFF

Blue ON
OFF

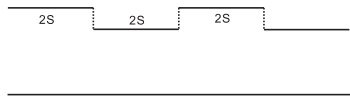


Inactivo (el sistema de batería no se
está cargando ni descargando).

Parpadeo blanco
lentamente

White ON
OFF

Blue ON
OFF

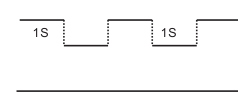


El sistema de batería se está cargando.

Blanco intermitente
rápidamente

White ON
OFF

Blue ON
OFF

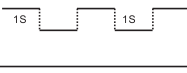


El sistema de batería se está descargando.

Intermitente blanco y azul
brillante

White ON
OFF

Blue ON
OFF

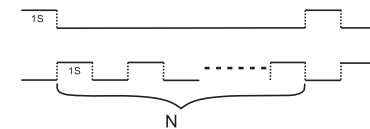


El sistema de batería se está descargando
y el SOC de Battery-Box está por debajo del 15%.

Intermitente blanco y azul

White ON
OFF

Blue ON
OFF



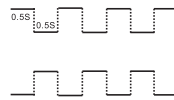
Se ha producido un error.

fr État des LED

Clignotant blanc et bleu
alternativement

White ON
OFF

Blue ON
OFF

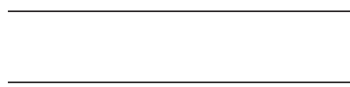


Le système de batterie démarre.

Blanc éclatant

White ON
OFF

Blue ON
OFF

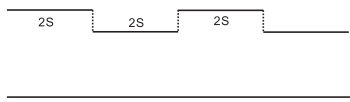


Inactif (le système de batterie ne se
charge ni ne se décharge).

Clignotant blanc lentement

White ON
OFF

Blue ON
OFF

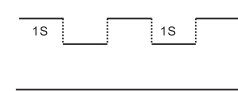


Le système de batterie est en charge.

Blanc clignotant
rapidement

White ON
OFF

Blue ON
OFF

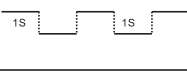


Le système de batterie se décharge.

Blanc clignotant et bleu
brillant

White ON
OFF

Blue ON
OFF

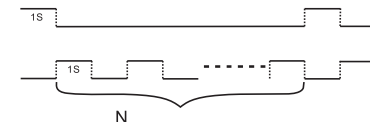


Le système de batterie se décharge et le
SOC du Battery-Box est inférieur à 15%.

Clignotant blanc et bleu

White ON
OFF

Blue ON
OFF



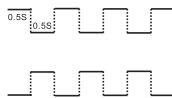
Une erreur est survenue.



it Stato del LED

Bianco e blu lampeggianti
alternativamente

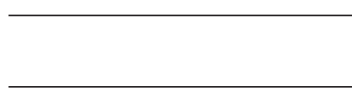
White ON
 OFF
Blue ON
 OFF



Il sistema batteria si sta avviando.

Bianco incandescente

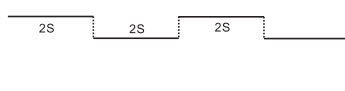
White ON
 OFF
Blue ON
 OFF



Inattivo (il sistema batteria non
si carica né scarica).

Lampeggiante bianco
lentamente

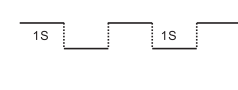
White ON
 OFF
Blue ON
 OFF



Il sistema della batteria si sta
caricando.

Bianco lampeggiante
rapidamente

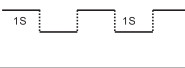
White ON
 OFF
Blue ON
 OFF



Il sistema della batteria si sta scaricando.

Bianco lampeggiante e blu
brillante

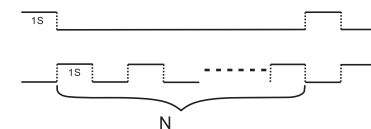
White ON
 OFF
Blue ON
 OFF



Il sistema della batteria si sta scaricando
e il SOC del Battery-Box è inferiore al 15%.

Lampeggiante bianco e blu

White ON
 OFF
Blue ON
 OFF



C'è stato un errore.

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 Peakhurst NSW 221

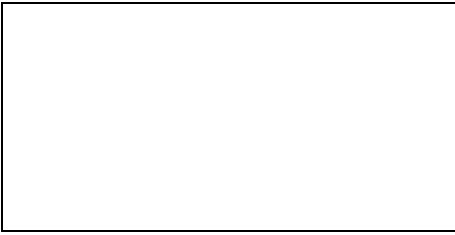
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WIFI name, password and serial number/

WIFI Name, Passwort und Seriennummer/

Nombre de WIFI, contraseña y número de serie/

Nom, mot de passe et numéro de série WIFI/

Nome WIFI, password e numero di serie