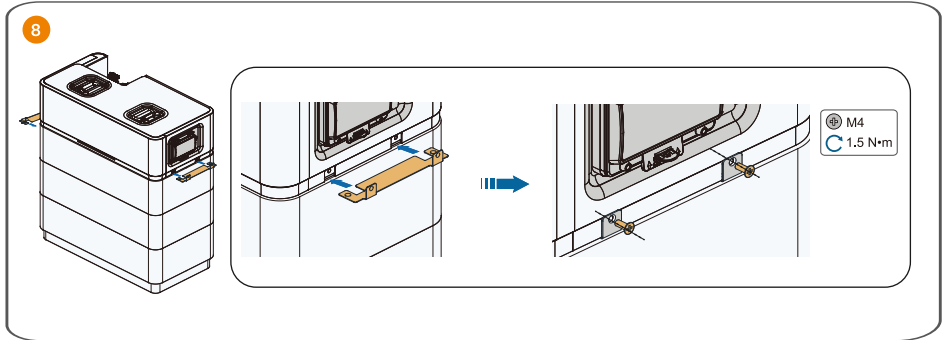
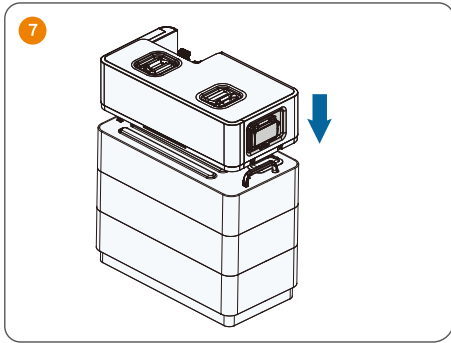
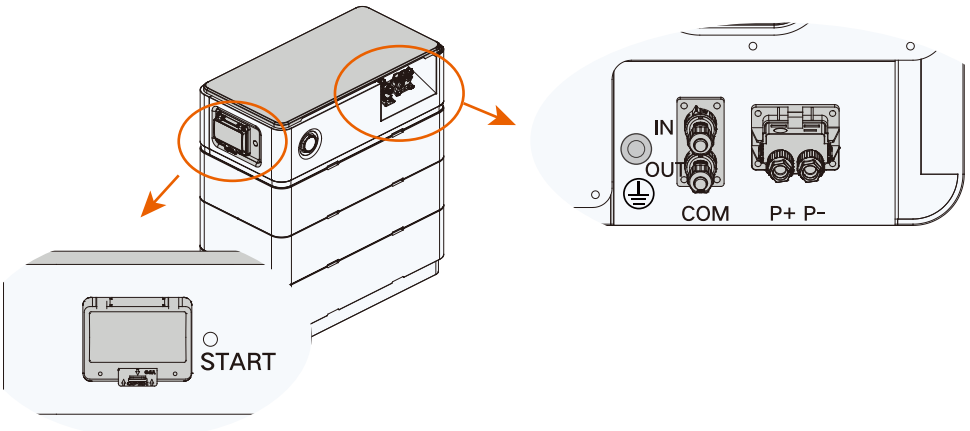
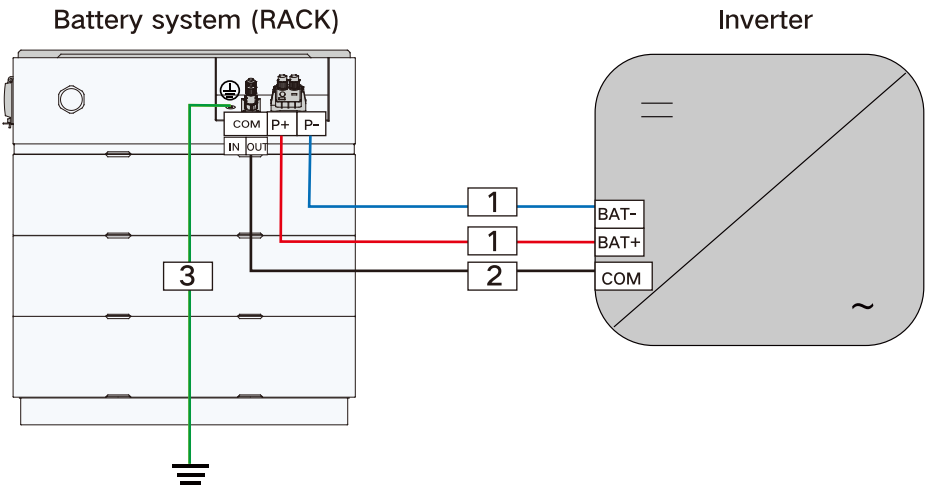




Terminal Description

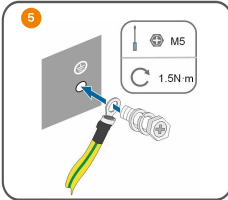
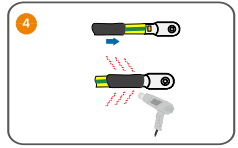
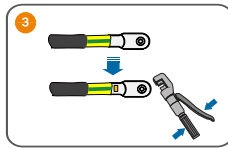
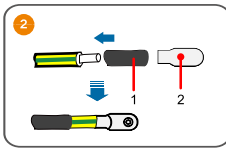
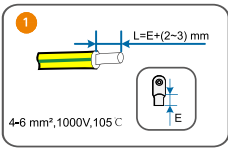


Electrical Connection Overview

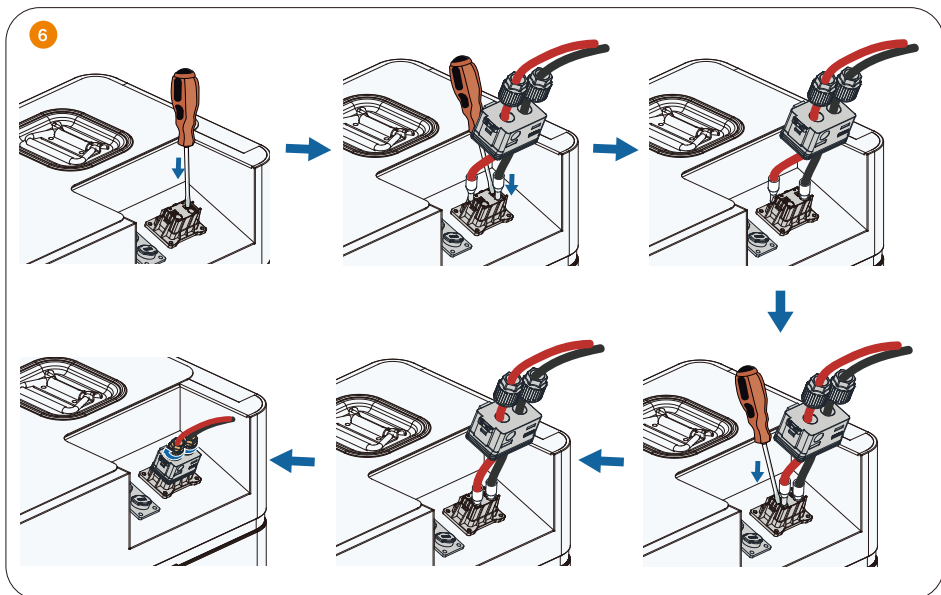
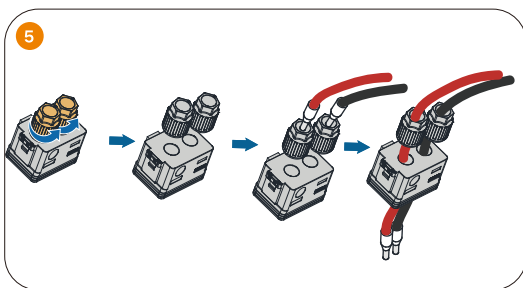
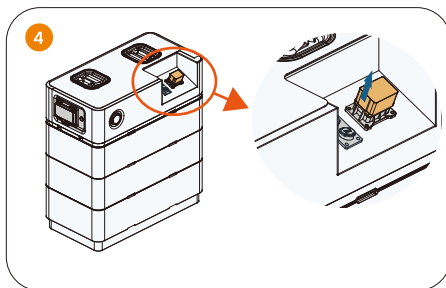
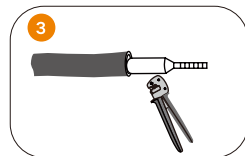
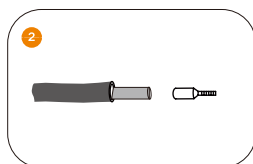
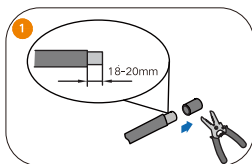
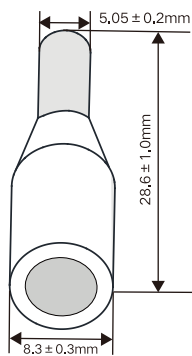


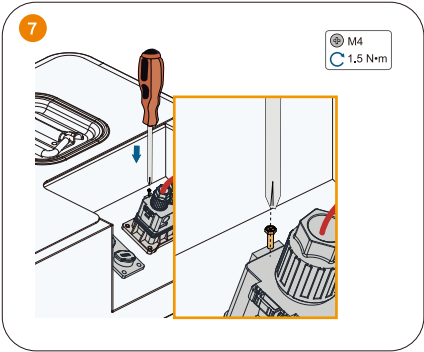
No.	Cable	Type	Cable Diameter	Cross-section
1	DC cable	Multi-core PV cable, able to withstand voltages of >1100V	6 - 9 mm	10 - 16 mm ² (7 - 5AWG)
2	Communication cable (provided as one of the accessories)	/	/	/
3	PE Cable	Outdoor multi-core copper-conductor cable, able to withstand a voltage of 1000V and work at the temperature of 105 C.	6 - 9 mm	10 - 16 mm ² (7 - 5AWG)

PE Cable



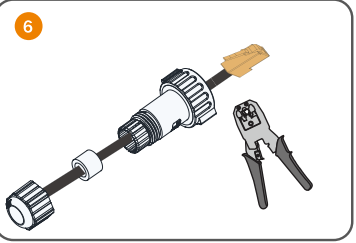
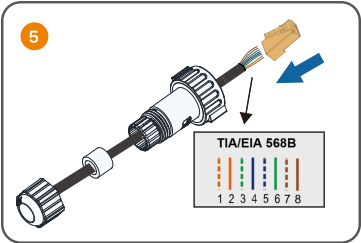
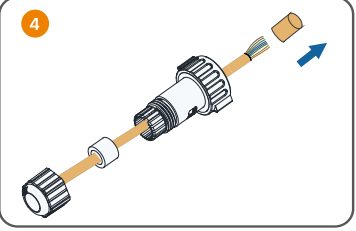
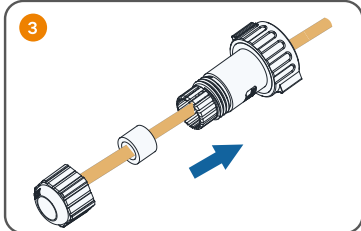
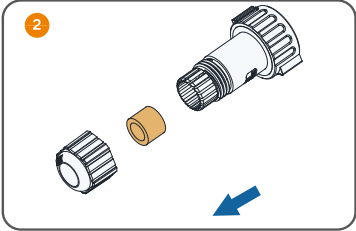
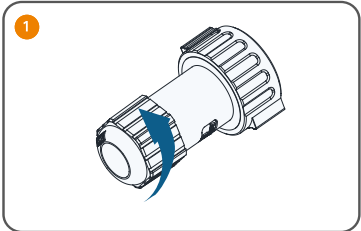
Battery power Cable

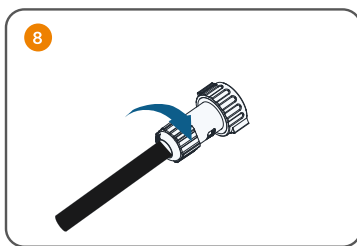
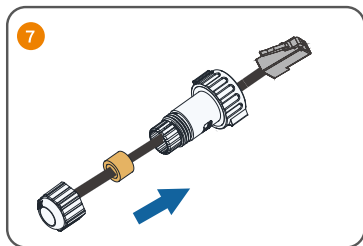




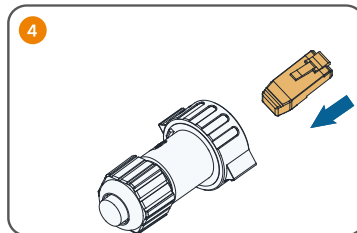
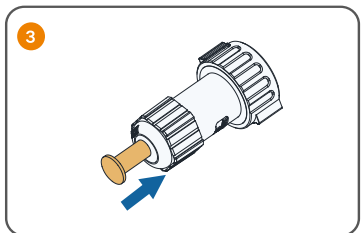
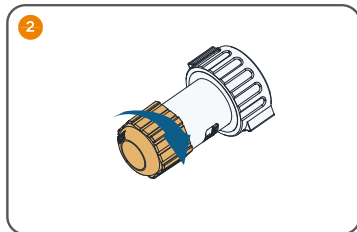
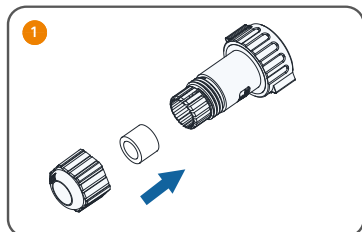
Communication Connector

Communication connector :

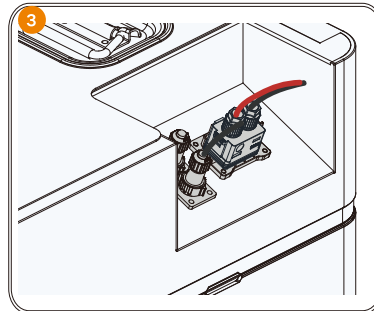
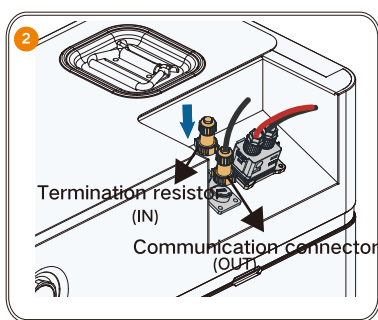
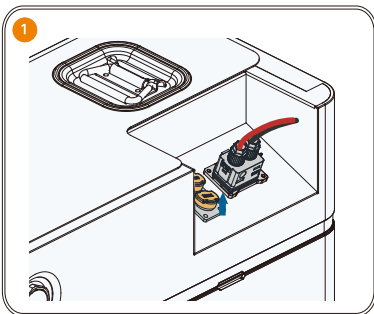




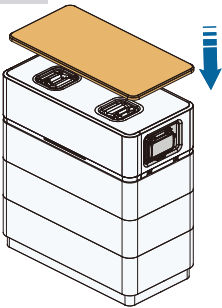
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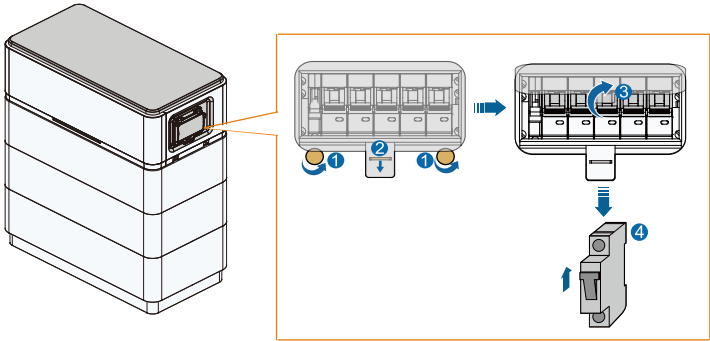
Cable connection:



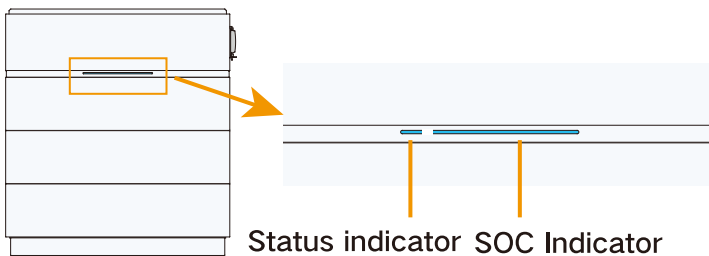
Top Cover Assembling



Power on

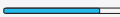


LED Indicator



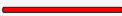
Status indicator SOC Indicator

SOC Indicator:

SOC Indicator	SOC
	0
	$0 < \text{SOC} \leq 20\%$
	$20\% < \text{SOC} \leq 40\%$
	$40\% < \text{SOC} \leq 60\%$
	$60\% < \text{SOC} \leq 80\%$
	$\text{SOC} > 80\%$

SOC indicator	Status	Description
	Steady on	The battery system works normally
	Blinking	The battery system is being charged/discharged

Status indicator :

Status indicator	Color	Status	Description
	Blue	Steady on	The battery system works normally
		Blink slow (at an interval of 1s)	The battery system is booting or in standby mode
		Blink fast (at an interval of 0.5s)	The battery system is being upgraded, tested, or calibrated
	Red	Steady on	Battery system fault
		Blink slow (at an interval of 1s)	Battery system alarm
	Grey	Off	No fault has occurred to the battery system

1. Contents may be periodically updated or revised due to product development. The information in this guide is subject to change without notice. In no case shall this guide substitute for the user manual or related notes on the device.
2. Make sure to read over, fully understand and strictly follow the detailed instructions of the user manual and other related regulations before installing the equipment. The user manual can be downloaded by visiting the website at <http://support.sungrowpower.com/>; or it can be obtained by scanning the QR code on the side of the equipment or the back cover of this guide.
3. All operations can be performed only by qualified personnel, that must be trained for installation and commissioning of electrical system, as well as dealing with hazards, have knowledge of the manual and of the local regulations and directives.
4. Before installation, check that the package contents are intact and complete compared to the packing list. Contact SUNGROW or the distributor in case of any damaged or missing components.
5. The cable used must be intact and well insulated. Operation personnel must wear proper personal protective equipment (PPE) all the time.
6. Any violation could result in personal death or injury or device damage, and will void the warranty.

Safety

The battery has been designed and tested strictly according to international safety regulations. Read all safety instructions carefully prior to any work and observe them at all times when working on or with the battery. Incorrect operation or work may cause:

- injury or death to the operator or a third party;
- damage to the battery or other properties.

The warning label on the battery body are as follows.

	Pay attention to the danger. Do not operate this product in the live status!
	Read the manual before any operation of this product.
	Do not dispose in trash. Compacting a lithium ion battery is dangerous as it can explode.
	No open flames Do not expose to flame, incinerate, puncture, or impact
	Electric shock hazard Serviced by qualified personnel only. Out of reach from children.
	Please recycle battery. Do not discard.
	This is a protective grounding terminal, which should be grounded securely to protect the safety of operators.
	TÜV mark of conformity.
	TÜV mark of conformity.
	CE mark of conformity. EU/EEA Importer.
	UKCA mark of conformity.

DANGER

Risk of explosion

- Do not subject the battery to any strong force.
- Do not mechanically damage the battery (pierce, deform, strip down, etc.)
- Do not heat the battery or dispose of the battery in a fire.
- Do not install the battery in potentially explosive environments.
- Do not soak the battery in water or expose it to moisture or liquids.

DANGER

Risk of fire

- Do not expose the battery to temperatures in excess of 60°C.
- Do not place the battery near a heat source, such as direct sunlight, a fireplace, a thermally uninsulated wall exposed to sunlight, hot water, or a heater.
- Keep sources of ignition such as sparks, flames, and smoking materials away from the battery.

DANGER

Risk of electric shock

- Do not disassemble the battery.
- Do not handle a wet battery or use wet tools.
- Do not soak the battery in water or expose it to moisture or liquids.
- Keep the battery away from children and animals.
- Wear suitable clothing, guards and gloves to prevent you from direct contact with the DC voltage.
- Use insulated tools during working with battery.
- Set aside metal jewelry before working on the DC circuit.

NOTICE

Comply with local standards for use with the battery.