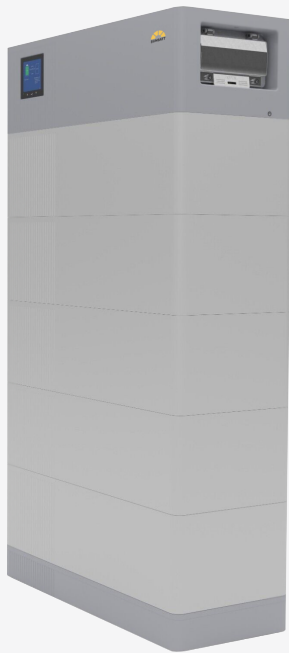


Sunbatt Battery / QUICK START GUIDE

Valid for



Sunbatt Peak
5.52/ 8.28/ 11.04/ 13.8



Sunbatt Flex
9.6/ 12.8/ 16.0/ 19.2/ 22.4/ 25.6

Please note that this is a **Quick Start Guide** only, which is a shortened assistance for the installation of the **Sunbatt Peak** and **Sunbatt Flex**. *It does not replace the Operating Manual*, which must be read and understood completely before installation. Please download and view it on this website: www.sunbatt.eu

Attention: High Voltage! Improper handling can pose a risk of electric shock and damage.

This guide and procedures described herein are intended for use by skilled workers only.

A skilled worker is defined as a trained and qualified electrician or installer who has all of the following skills and experience:

- Knowledge of the functional principles and operation of on-grid systems.
- Knowledge of the dangers and risks associated with installing and using electrical devices and acceptable mitigation methods.
- Knowledge of the installation of electrical devices.
- Knowledge of and adherence to this guide, the complete installation manual and all safety precautions and best practices. In order to ensure the normal operation of the Sunbatt Battery System, please be sure to update the firmware to the latest version and finish the configuration on the Sunbatt LCD display in accordance with this document.

If there are errors generated during the commissioning or operation, please read the **Service Manual** alongside this document, or digital version on the website.

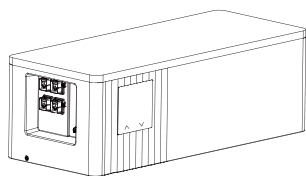
If the battery system doesn't start at all, please contact the Sunbatt service team within 48 hours. Otherwise, the battery could be permanently damaged.

Please do not stack up batteries without protective packages when storing or handling batteries, except for installation.

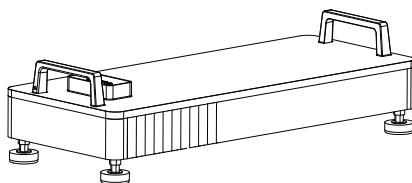
For more detailed instructions, scan the QR code to visit our website.



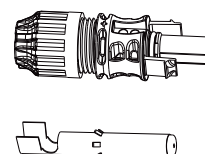
1. Scope of delivery



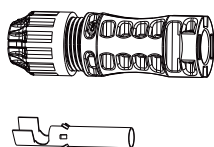
1 BMS



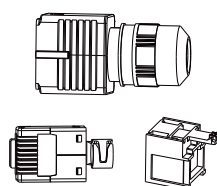
1 Base



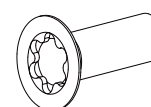
1 Female power cable coupler



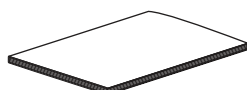
1 Male power cable coupler



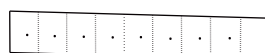
4 Network cable coupler



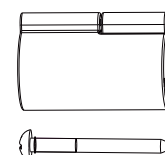
4 Screw M4×16



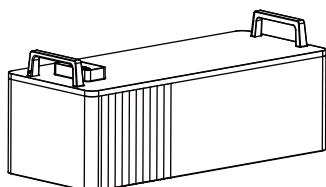
1 Documents



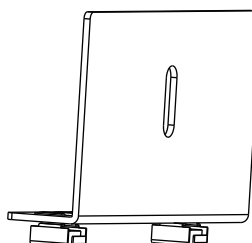
1 Drilling template



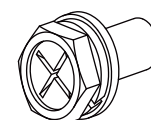
2 Power cable connector
unlock protection sleeve



1 Battery stack

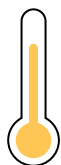


1 Hanger



2 Screw (M6 × 16)

2. Installation location



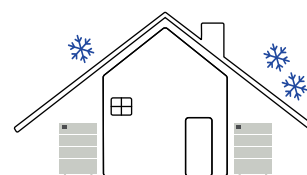
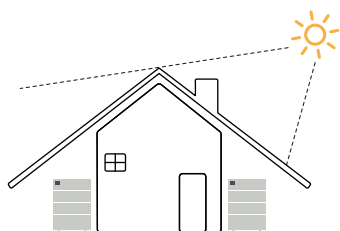
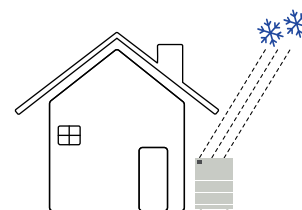
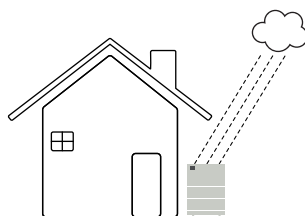
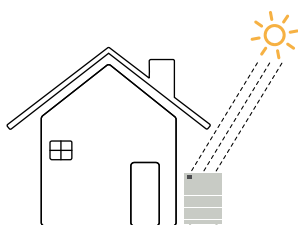
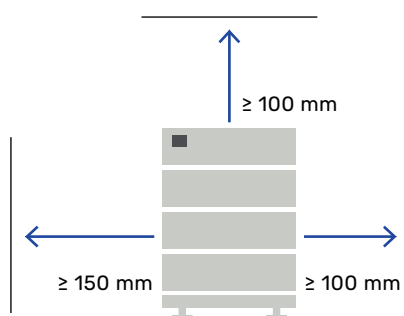
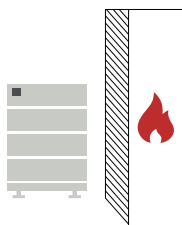
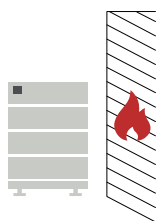
Max +55 °C



Min -10 °C



RH. +5%~ +95%

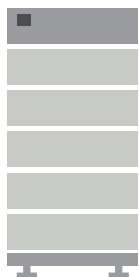


3. Installation Limitation

Sunbatt Peak



2 stacks



5 stacks

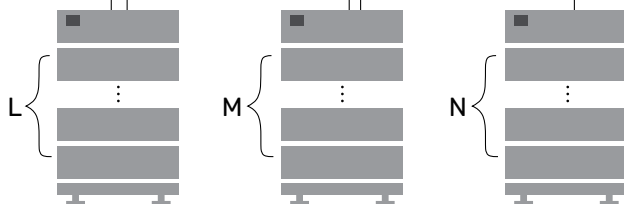
Sunbatt Flex



3 stacks



8 stacks

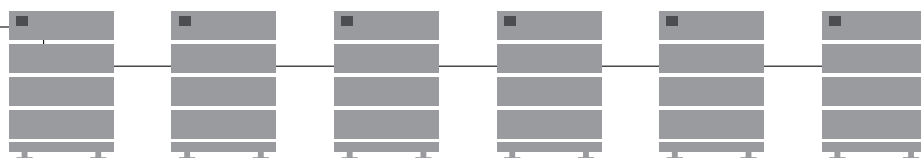
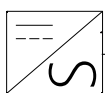


$L=M=N$ ✓

$L \neq M$ or $L \neq N$ or $M \neq N$ ✗

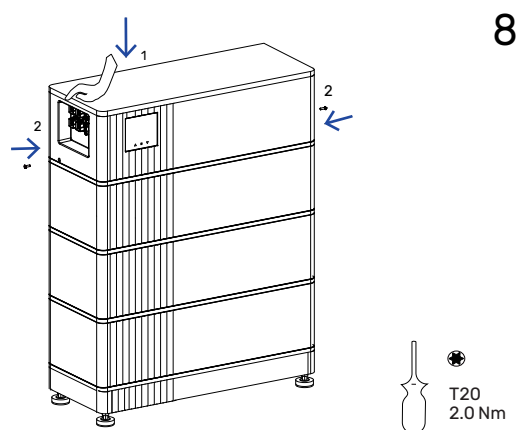
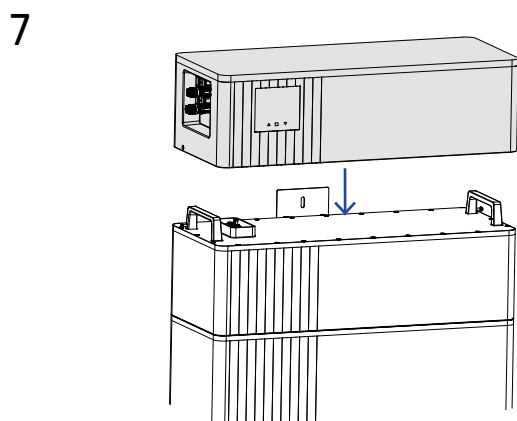
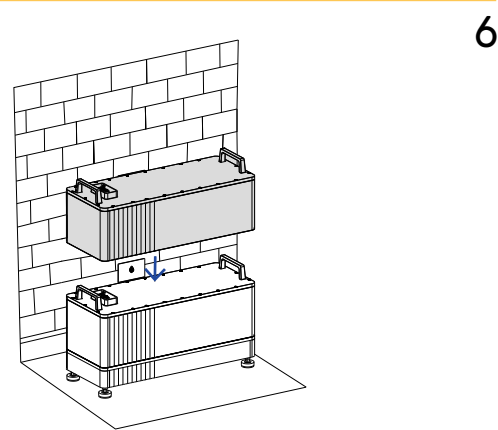
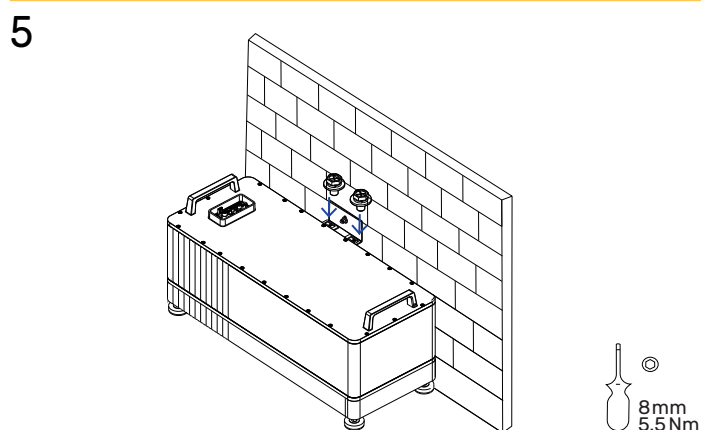
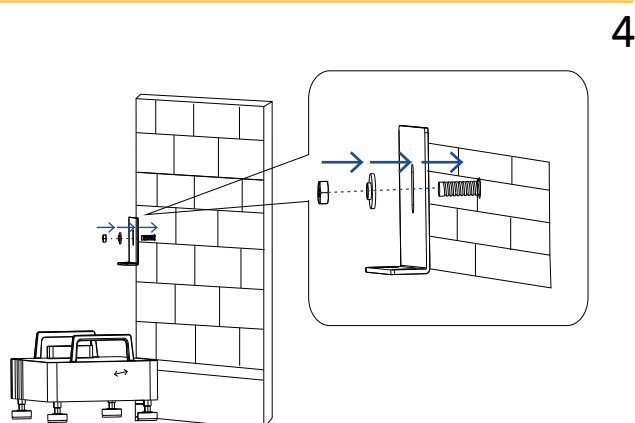
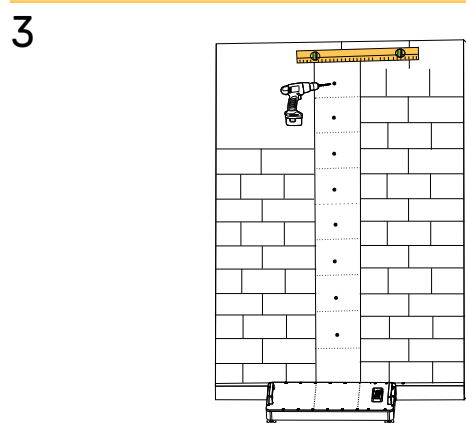
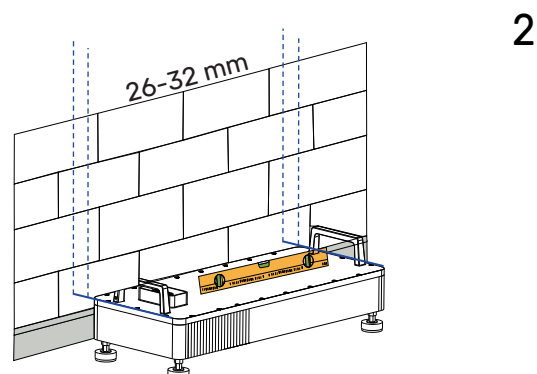
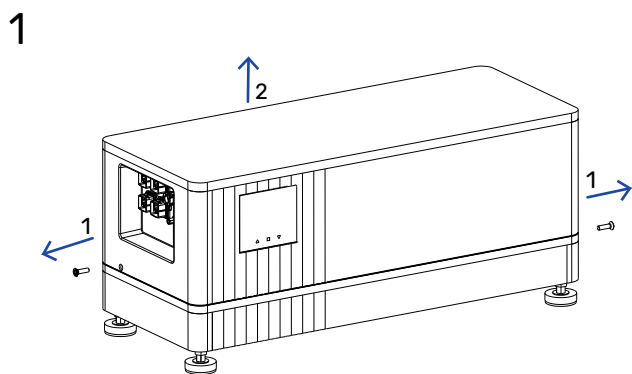


✗



Max. 6 towers in parallel

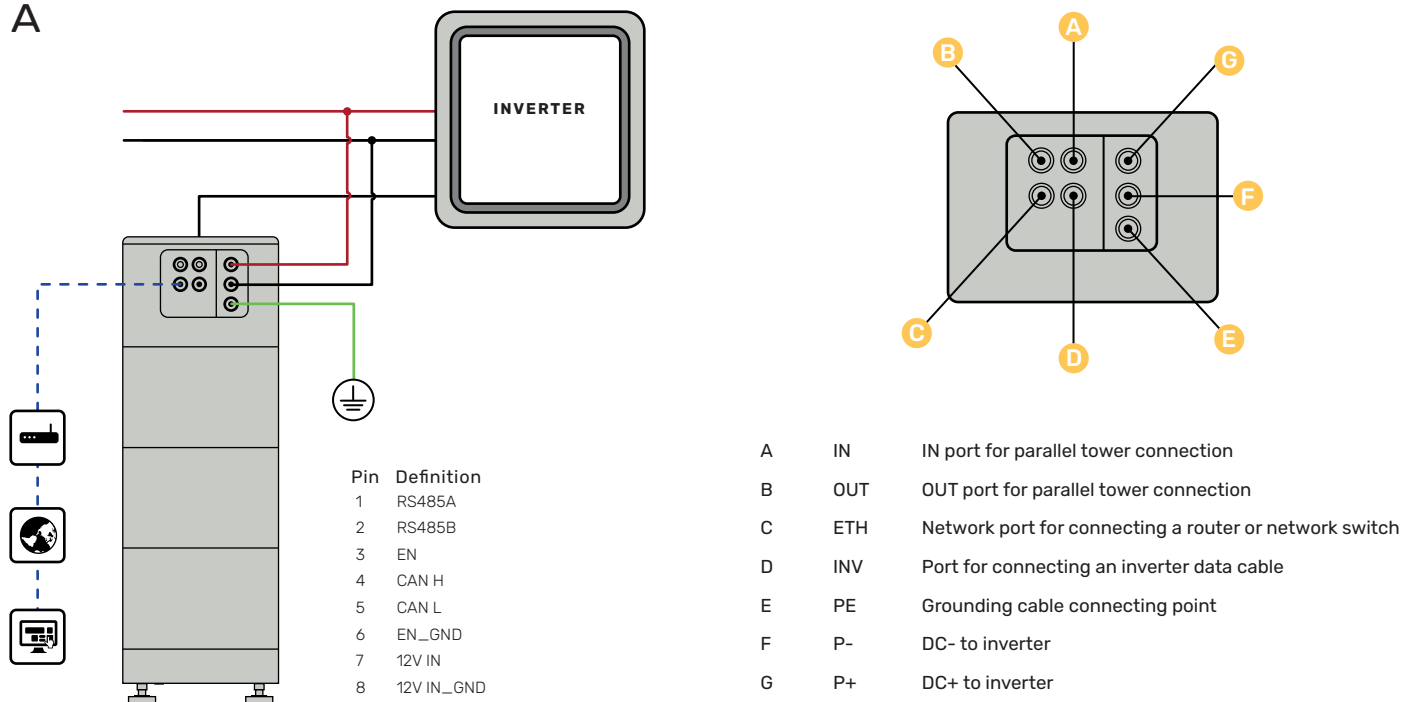
4. Installation



5. Connection Diagram

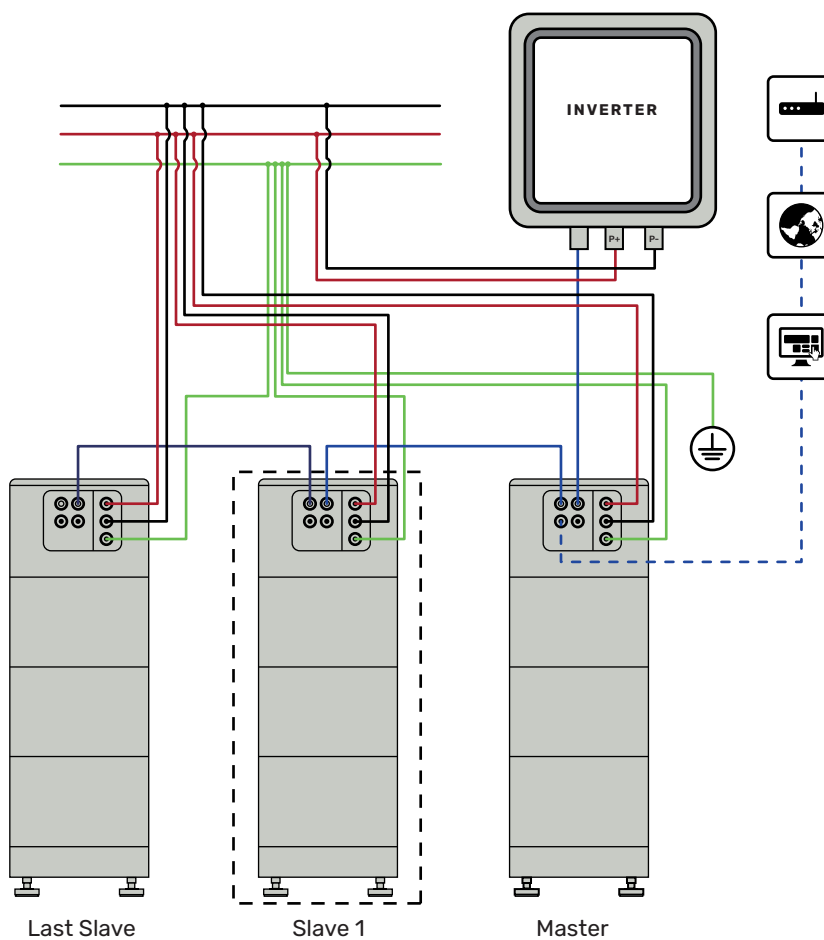
Single Tower

A



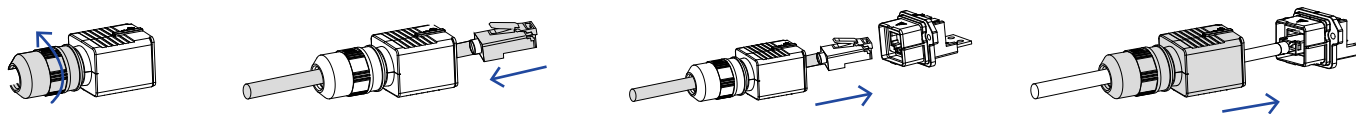
Multiple Towers

B

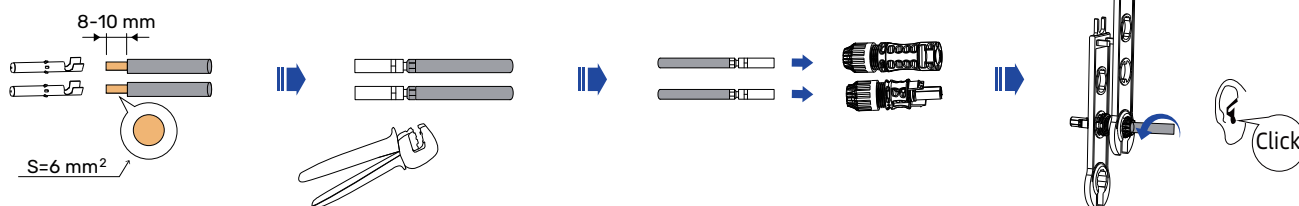


6. Cable Preparation

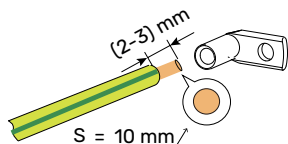
6.1 Network Cable



6.2 DC Cable

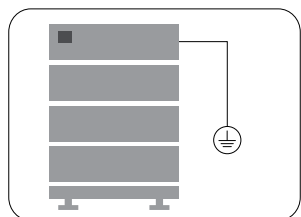
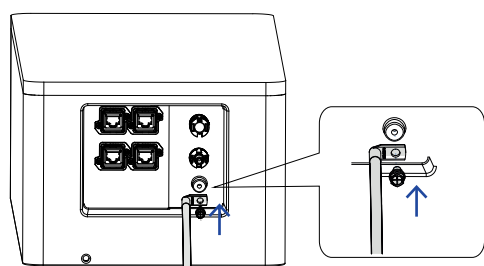


6.3 PE Cable

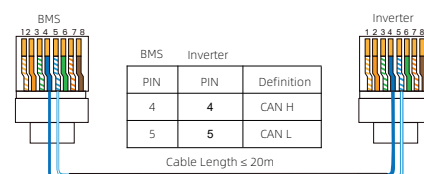
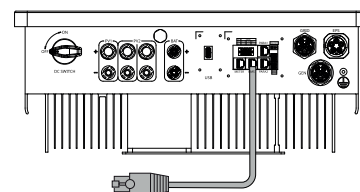
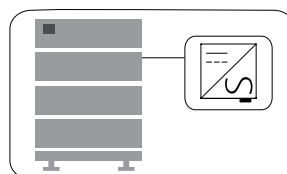
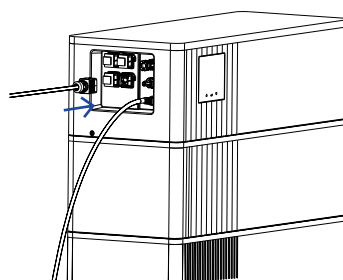


7. Electrical Connection

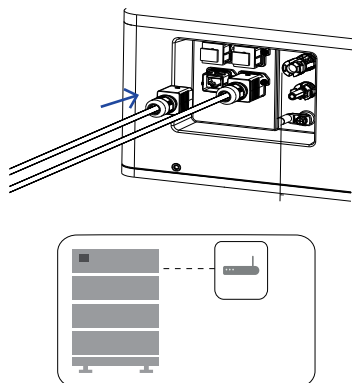
7.1 PE Connection



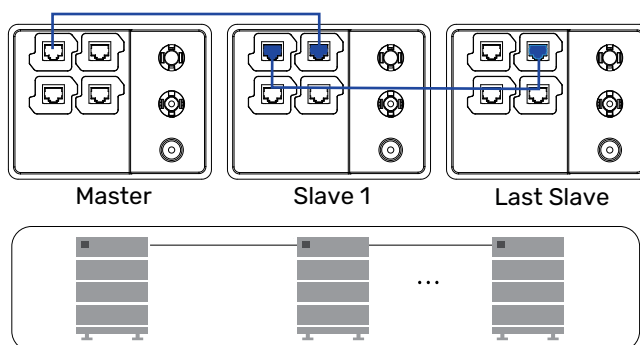
7.2 Data Cable Connection



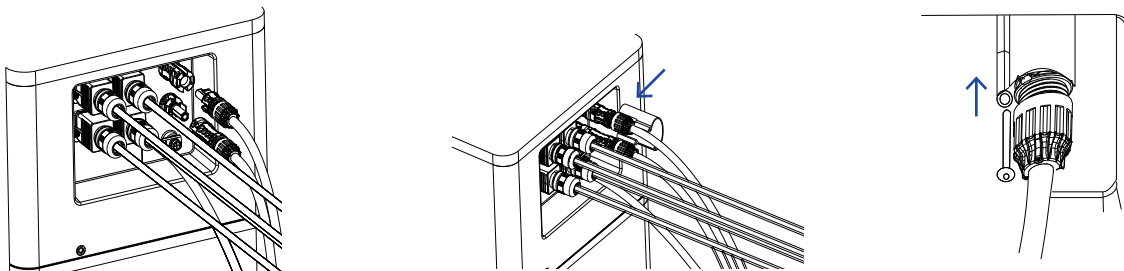
7.3 Router Connection



7.4 Parallel Connection

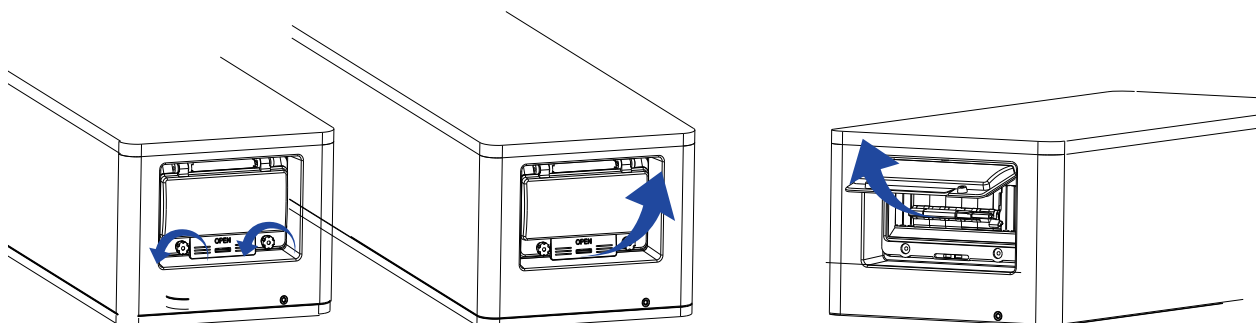


7.5 DC Connection

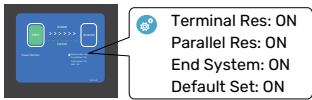
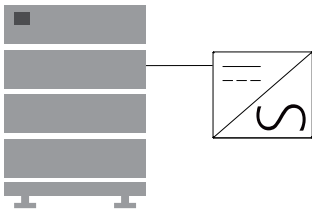


8. Configuration

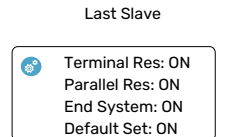
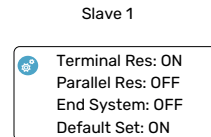
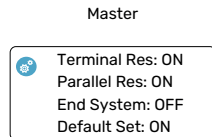
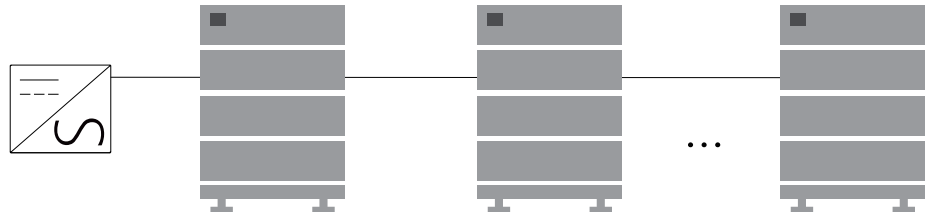
8.1 Switch on the Battery



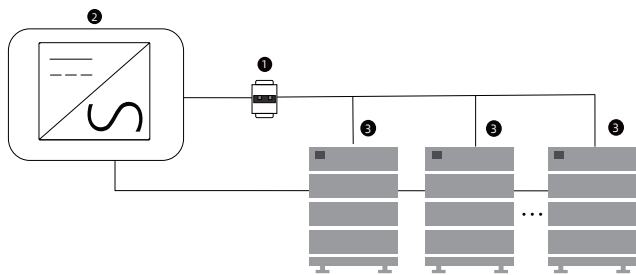
8.2 Single Tower Configuration



8.3 Multiple Towers Configuration



9. Switch ON/OFF Procedure



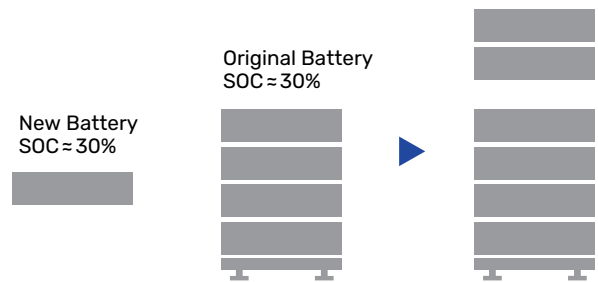
Switch On

① → ③ → ②

Switch Off

② → ③ → ①

10. Extension



Wifi: WTS-XXXX

Password: XXXX@PSF

SN: K000T010ZXXXXXXXXXX

Wi-Fi name, password and serial number.



Sunbatt Battery Service Checklist V1.0 EN

Important Note: The installation and all other kinds of works or measurements in correlation with the Sunbatt battery are only allowed by professional and qualified electricians. Improper handling can cause danger and damage. Please see the *Sunbatt Battery Service Manual* for trouble shooting and the latest version can be downloaded on the website www.sunbatt.eu. This checklist does not replace the official service manual. No responsibility is accepted for the accuracy of the information.

1. General Steps

Please carefully check all "General Steps" from page 5 of the Service Manual.

- 1.1 Settings
- 1.2 Type of stacks
- 1.3 External Connections
- 1.4 Latest Firmware
- 1.5 Restart
- 1.6 Correct operation

2. Error Related Analysis

Please mark the **error related** Analysis from Chapter 2, 3, 4, 5 of the Service Manual that you checked, and collect all the information related to those Sections.

- 2.1 Event Code
- 2.2 System cannot be turned on
- 2.3 Automatic tripping after a period of operation
- 2.4 Wi-Fi Issues
- 2.5 Firmware Update Issue
- 2.6 Changes in SOC
- 2.7 CORE Link+
- 2.8 Stack Exclusion Method
- 2.9 Voltage Measurement
- 2.10 Undervoltage
- 2.11 BMS/Stack Replacement

3. Service Information

Please fill in all the available information in the below table to receive service.

Service Ticket Number or System ID: _____

Installer / Delivery Address / Contact:

Company: _____ ZIP / City: _____
Contact Person: _____ Phone: _____
Street/No: _____ Email: _____

System Information:

Configuration (e.g. Sunbatt Peak 11.0 4 Stacks) _____ BMS Firmware _____
BMS Serial Number _____ Inverter Firmware _____
BMS Connected to Internet Yes No System Name on Inverter Portal _____
Inverter Serial Number _____
Commissioning Date _____

Service Information:

BMS Event Code _____ Inverter Error Code _____
Was que battery charging/discharging before? was the system working normally before? Yes No
Take pictures of connection area on the BMS and Inverter clearly showing connection cables
Get data of the CORE Series battery with the CORE Link+ program (see chapter 4.1 of the service manual)
Description of the Problem _____

Please provide any additional information that is necessary or could help in the analysis of the service case (e.g., serial number of a wrong stack; video of a special behaviour; pictures; CORE Link+ screenshots; stack voltages...)

Before contacting us, you have confirmed that a qualified person has done the necessary control and collected all available information above.

Sunbatt Europe SL

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☎ +34 689416541

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🌐 www.sunbatt.eu



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