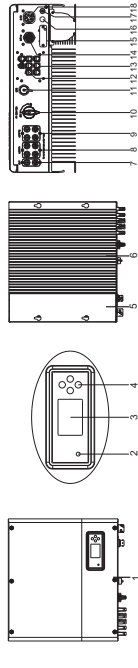


1. Overview



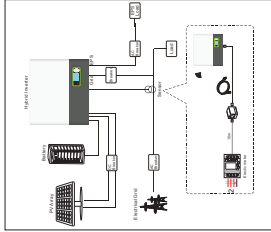
1. Front panel
2. Double color LED
3. LCD screen
4. Push button
5. Magnetic devices
6. Heat sink
7. Battery connector
8. PVA connector
9. PVB connector
10. PV switch
11. USB port
12. Dry connector
13. Communication ports
14. AC grid connector
15. Reserved hole
16. Breathable valve
17. Grounding screw
18. EPS connector

Note:
 1. Only three-phase meter supports current detection detection.
 2. For more information, please refer to the manual.

Note:
 1. This file will be updated from time to time due to product upgrades or other reasons. Unless otherwise agreed, this document is intended as a reference only. All information and suggestions do not constitute an express or implied warranty. The final interpretation of the content is at Growatt.
 2. This document is for quick guidance installation only. For details, please refer to the User Manual.
 3. Machine damage caused by failure to follow the content is not covered by the warranty.

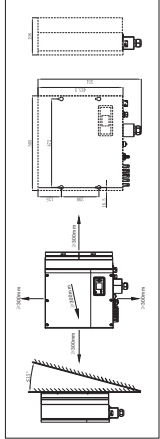
2. Installation

System Overview

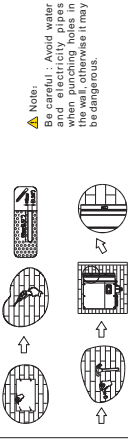


Note:
 The installation of this hybrid system needs to comprehensively consider the position of the battery and the power collector.

2.1 Installation requirements

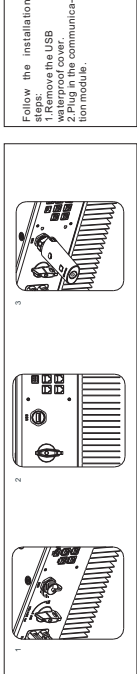


2.2 Wall mounting



Note:
 Be careful! Avoid water when punching holes in the wall, otherwise it may be dangerous.

2.3 communication module installation



Follow the installation steps:
 1. Remove the USB waterproof cover.
 2. Plug in the communication module.

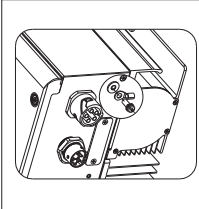
3. Connecting cables

Please prepare the cable before connecting as follows.

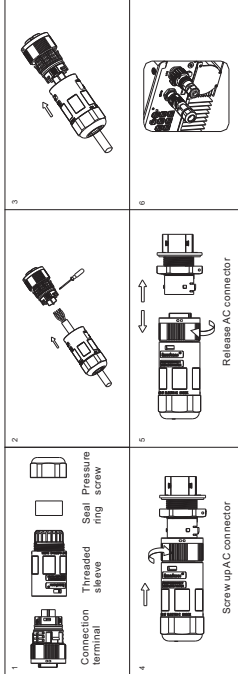
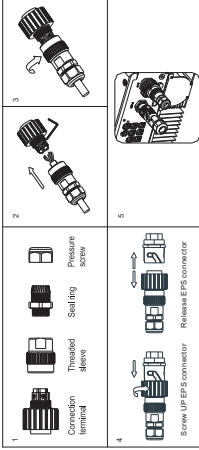
Number	Cable name	Type	Recommend module
1	Grounding wire	Single multi-core yellow-green copper wire	Wire diameter:AWG10
2	AC output wire	Two or three different color multi-core copper wires	Wire diameter:AWG12
3	PV input wire	Photovoltaic dedicated cable (such as PV1-F)	4mm²-6mm²
4	Battery input wire	Red and black multi-core copper	Wire diameter:AWG10
5	Communication wire	CAT5E	/

Notice:
 1. Lithium battery has its own power protection function, so please use them directly.
 2. Hybrid inverter include the basic communication line. So please use them directly.
 3. Please make sure all the switches off before connection. For your safety, please do not operation when power on.

3.1 Grounding



3.2 AC GRID and EPS output connection



3.3 DC connection

3.3.1 PV and Battery input terminal installation

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