

Single Phase Hybrid Inverter



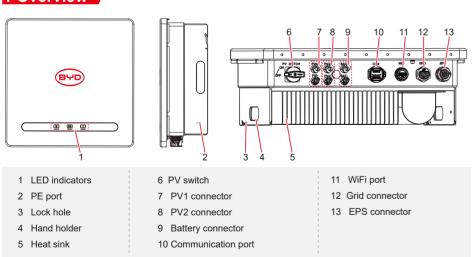
Quick Start Guide

NOTICE ▶

- The information contained in this document is subject to change without prior notice. While every effort has been made to ensure the accuracy of its contents, all statements, information, and recommendations herein do not constitute any form of warranty, either expressed or implied. This document is for quick guidance installation only. For details, please refer to the User Manual.
- Prior to installing the device, please read the user manual thoroughly to familiarize yourself with the product information and safety precautions.
- Only certified electricians are permitted to operate the device. Personnel must wear appropriate personal protective equipment (PPE) at all times
- Before installation, verify that the package contents are complete and undamaged, as per the packing list. Should you discover any damage or missing components, please contact your
- Any damage to the device resulting from non-compliance with the instructions provided in this document will not be covered under warranty.
- The cable colors referenced in this document are for illustrative purposes only. Please select cables in accordance with local electrical standards and regulations. The hybrid inverter supports multiple inverters in parallel. For details, please refer to the User

1 Overview

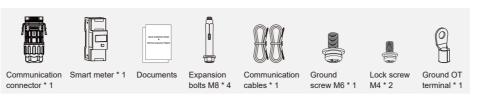
Manual.



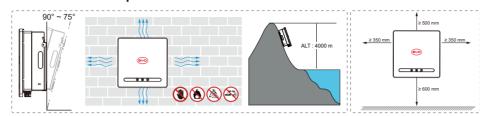
2 Installation

2.1 Unboxing



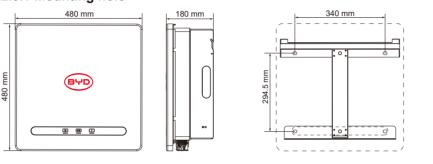


2.2 Installation requirements

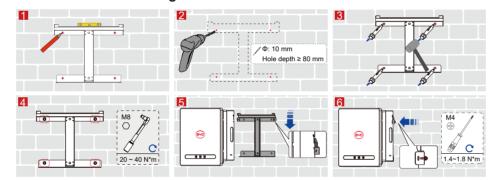


2.3 Installation

2.3.1 Mounting hole



2.3.2 Install the mounting bracket

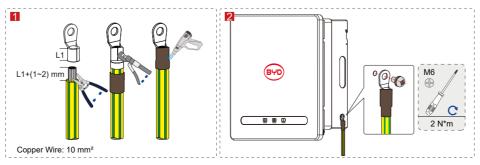


3 Electrical Connection

3.1 Cables preparation

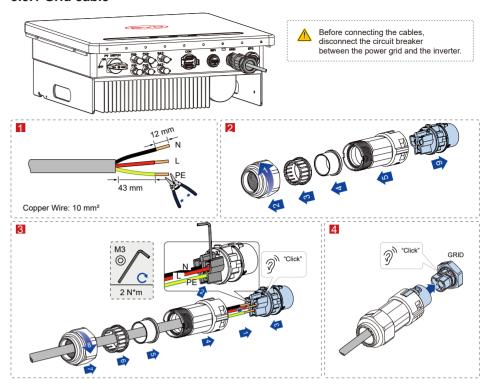
No.	Cable	Туре	Conductor
1	Grounding cable	Single multi-core yellow-green copper cable	10 mm²
2	Grid output cable	Two-core (L and N) or three-core (L / N and PE) different color multi-core copper cables	10 mm²
3	EPS output cable	Two-core (L and N) or three-core (L / N and PE) different color multi-core copper cables	4 mm²
4	PV input cable	Photovotaic dedicated cable (such as PV1-F)	4 mm²
5	Battery cable	Red and black multi-core copper	6 mm²

3.2 PE cable

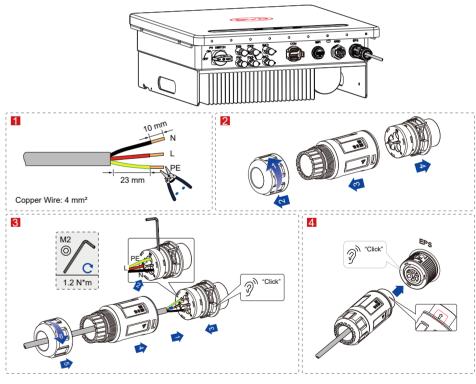


3.3 AC Cable

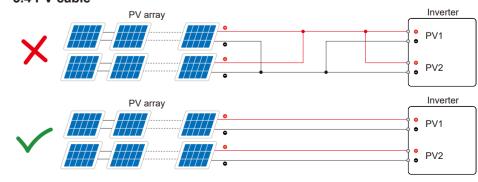
3.3.1 Grid cable



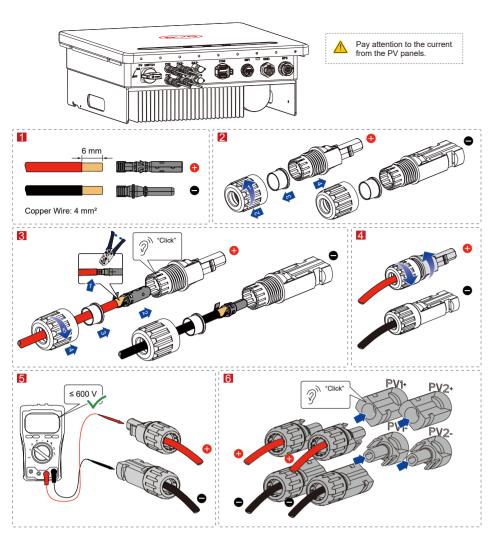
3.3.2 Eps cable



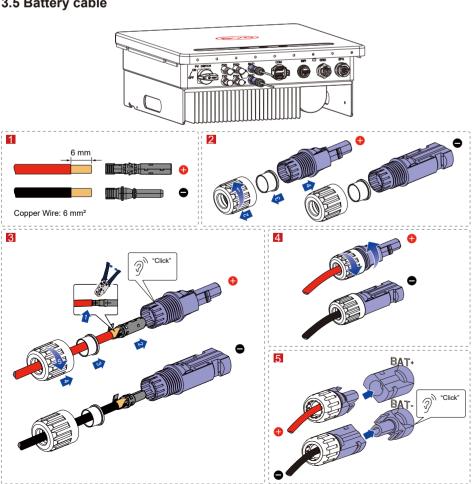
3.4 PV cable



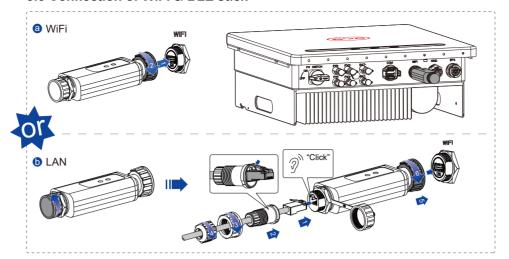
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3.5 Battery cable

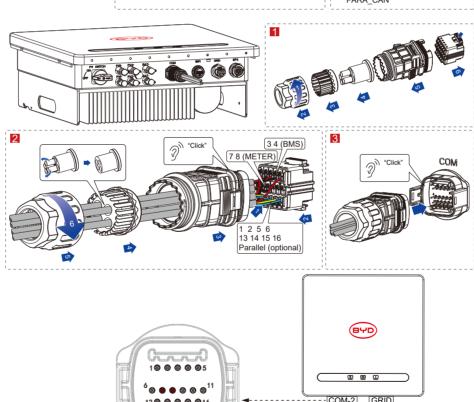


3.6 Connection of WiFi & BLE stick



3.7 Communication cable





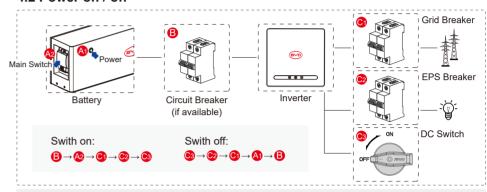
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4 Commissioning

4.1 Check before power on

No.	Checking Item	Inspection result Yes √ \ No ×
1	Hybrid inverter is installed correctly and firmly.	
2	All switches off.	
3	WiFi & BLE stick Installation is installed correctly and firmly.	
4	The ground wire confirms the connection and is reliable.	
5	Cable wiring is reasonable, meets the requirements, no broken skin, etc.	
6	All wires are correct and securely connected.	
7	Cable tie port trimming, no sharp corners, etc.	
8	All exposed terminals are well protected, no vacant ports.	
9	Pay attention to packing all the residual materials.	

4.2 Power on / off



Category	Symbol	Status	Definition
			On-grid operation
Operation light		0.5s	Standby mode
		1s1s	Off-grid operation
Communication light	((•))		Normal communication (battery / meter)
Communication light			Abnormal / disconnected communication (battery / meter)
Fault light	!		Serious fault, need to stop for inspection

4.3 Setting inverter parameters via BYD Energy App

Please set the inverter parameters first via BYD Energy App to ensure its normal operation. BYD Energy App is a smart phone application used to communicate with the inverter via Smart WiFi/LAN Module.

Commonly used functions:

- 1. Check the operating data, software version, alarms, etc.
- 2. Set grid parameters, communication parameters, etc.
- 3. Maintain the equipment.
- 4. Upgrade the software version of the inverter.

You can scan the QR code or visit the provided link (http://www.bydenergy.com/smartEnergy?locale=EN) to download the BYD Energy App and access the user manual.





Android