

Quick Installation Manual

Single Phase All-in-one RESS Inspiration-S

WARNING!



THIS SYSTEM CONTAINS LOW-VOLTAGE BATTERY

Installation and maintenance should only be carried out by trained professionals. We do not undertake any consequences or related responsibility because of violation of safety operation or violation of design, production and equipment safety standards.



1. It is required to charge the battery at least once every six months. For this charge, maintenance ensures the SOC is higher than 90%.
2. The connection of the power connector, grounding point, power cable and screw are suggested to be checked yearly. Ensure there is no loose, broken, or corrosion at the connection point. Check the installation environment, such as dust, water, insect and more, to ensure it is suitable for the IP65 battery system.



In case a battery (normal condition or damaged) needs disposal or needs recycling, it shall follow the local recycling regulation (i.e. Regulation (EC) Number 1013/2006 among European Union) to process and use the best available measures to achieve relevant recycling efficiency.



Tool



Electric drill



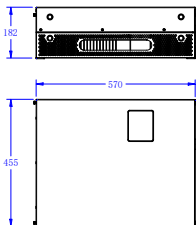
Spanner



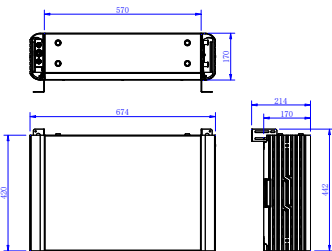
Cross screwdriver

Size

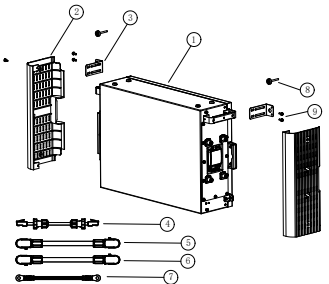
INV Module



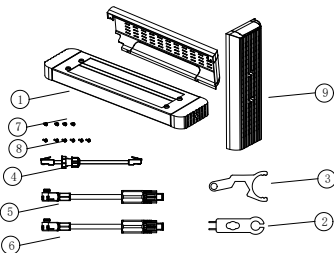
BAT Module



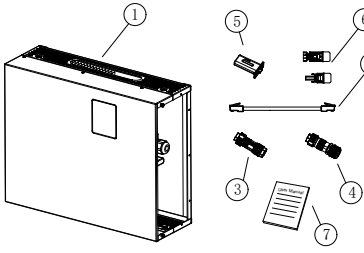
Check



1. Battery Module X1
2. Plastic Decorative Cover X2
3. Wall Bracket X2
4. Communication network cable X1
5. Positive Cable X1
6. Negative Cable X1
7. GND Cable X1
8. Self-tapping screw X2
9. M5 Combination screw X6

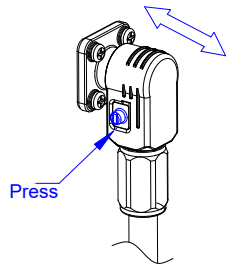
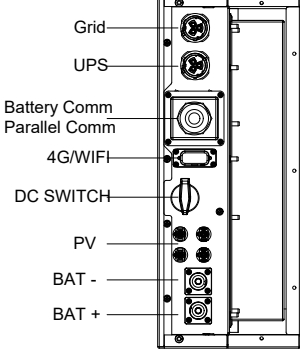
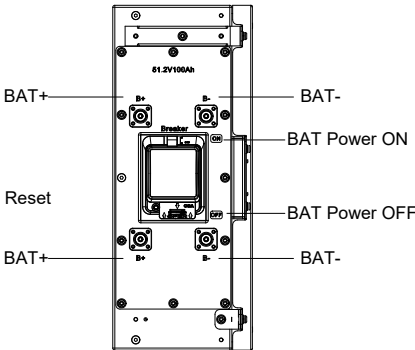
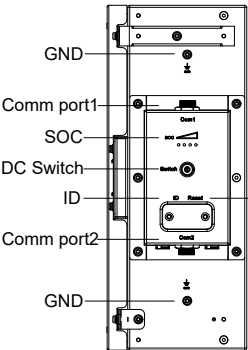


1. System base X1
2. MC4 Connector Tool X1
3. Grid Connector Tool X1
4. Communication network cable X1
5. Positive Cable X1
6. Negative Cable X1
7. M5 screw X4
8. M5 Combination screw X6
9. Plastic Decorative Cover X2

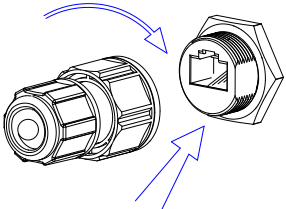


1. Inverter Module X1
2. Communication network cable X1
3. AC connector X1
4. Back-Up connector X1
5. 4G or WIFI module X1
6. MC4 connector
7. User Manual

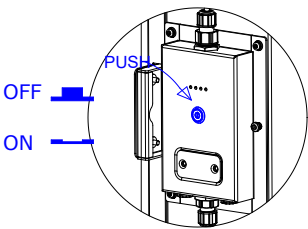
Connection interface introduction



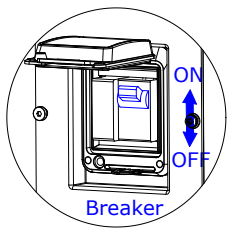
Insert in the direction of the arrow



Rotate and install in the direction of the arrow



Press to ON
Bounce is OFF



Switch the breaker up and down to ON/OFF

Floor installation with base

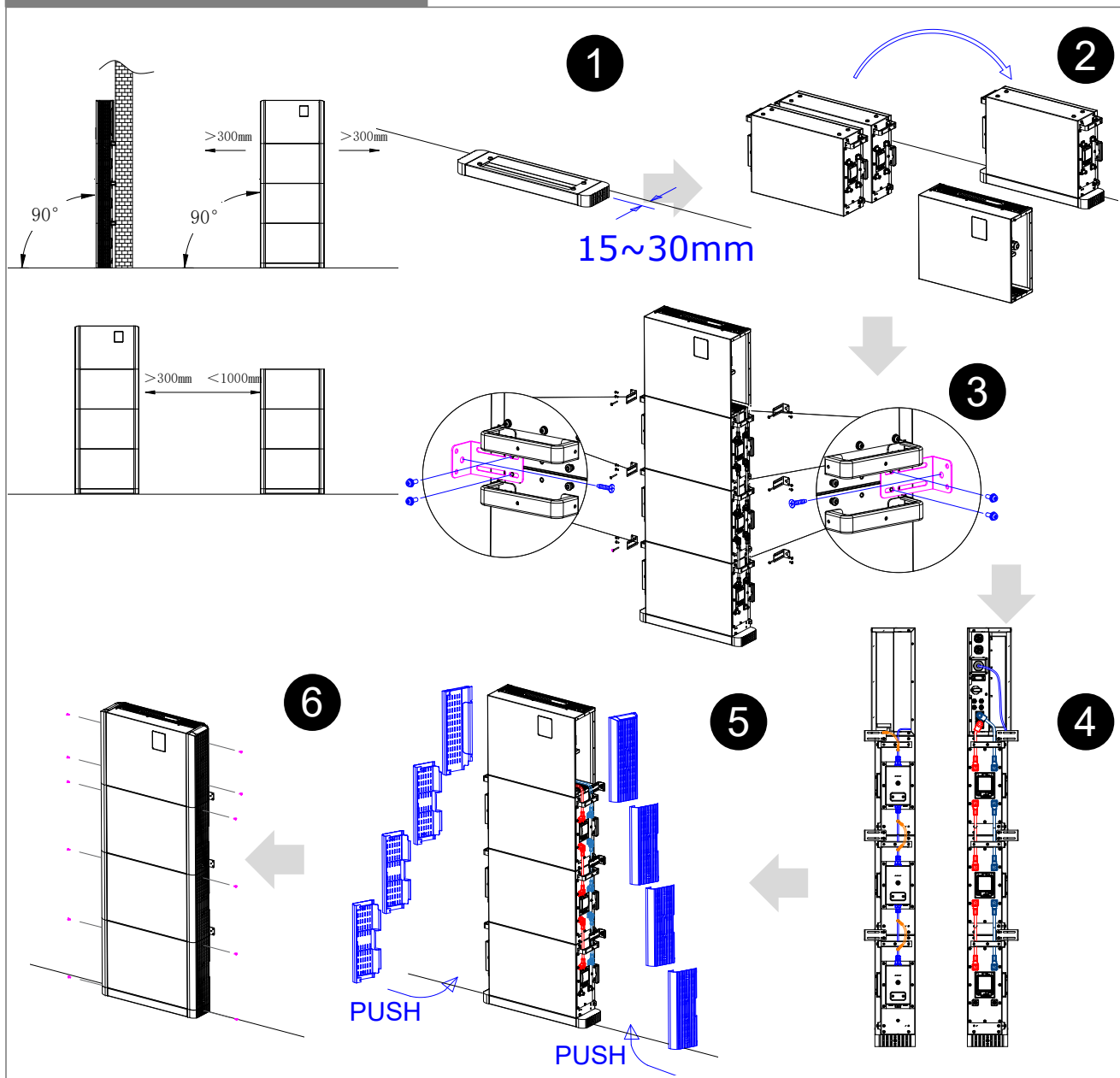
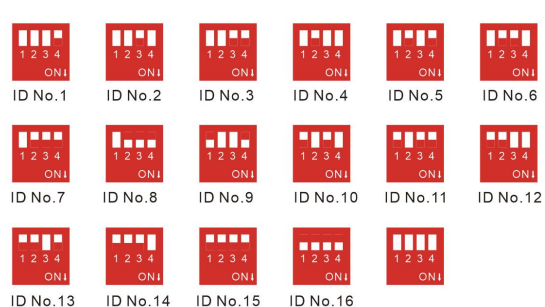
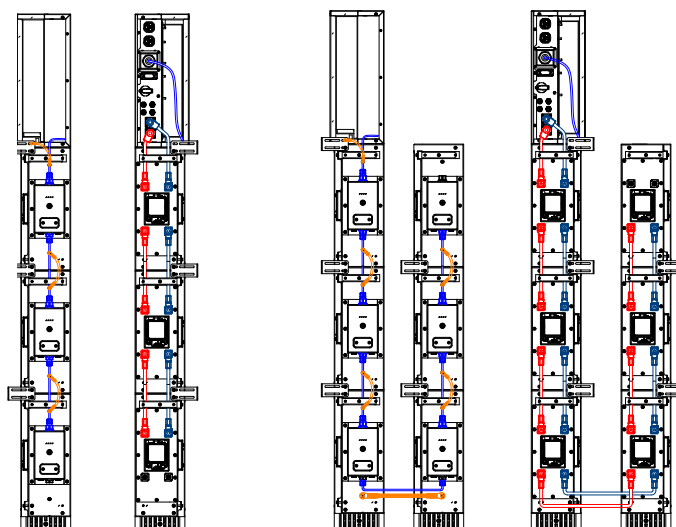


Diagram of wiring connection & ID setting



The battery pack ID connected to the hybrid inverter must be set to ID1, indicating that it is the host, the other battery packs need be in sequence set to ID2.ID3.ID4.ID5...



Single array

Two arrays