

Quick Installation Guide

1. Tools Required

The following tools will be required to install PS-M and PS-S.

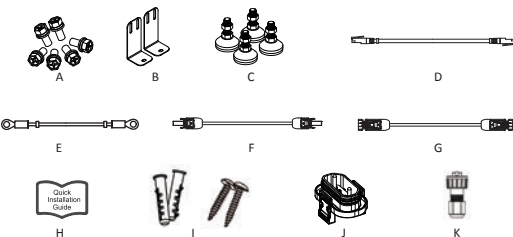


2. Packing List

For PS-S:

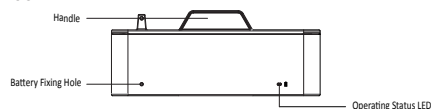


For PS-M:

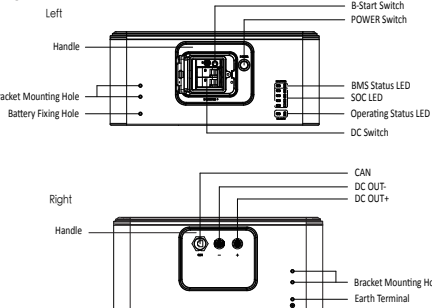


3. Terminals

For PS-S:



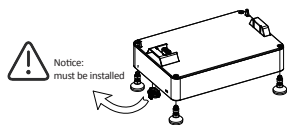
For PS-M:



4. Installation Steps

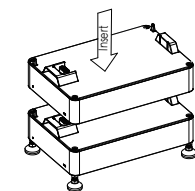
Step 1

Install a PS-S with four footstand (Item C) and place it on the ground. Adjust the feet till level. After installing the footstand, use a track level bar to confirm the level. Insert the waterproof cover (Item J) into the bottom of the battery and lock it in place with the clip.



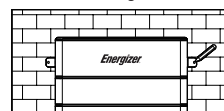
Step 3

Stack the batteries one by one.



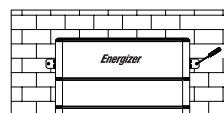
Step 5

Mark the wall through the bracket hole.



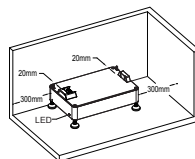
Step 7

After stacking PS-M again, fix the battery on the wall.



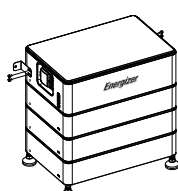
Step 2

Place the battery 20mm against the wall. Note: Please make sure the Operating Status LED is on your left handside when you facing the battery model.



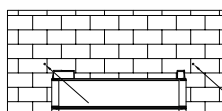
Step 4

Place the two fixing brackets (Item B) close to the wall and install them on both sides of the battery.



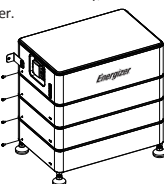
Step 6

After removing the PS-M. Drill holes with electric drill, make sure the holes are at least 50mm deep, and then tighten the expansion tubes (Item I).

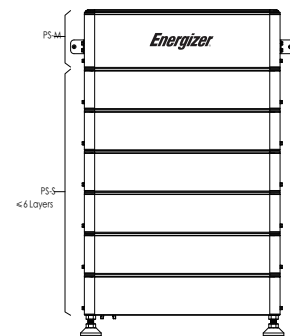


Step 8

Fix the mounting screw packs on both sides of the battery, the installation is over.



Note: Please make sure each system including 1 PS-M and 1 PS-S. PS-S less than 6 pieces:



Please refer to the video for the installation of the junction box and the cable gland.



5. Wiring Steps

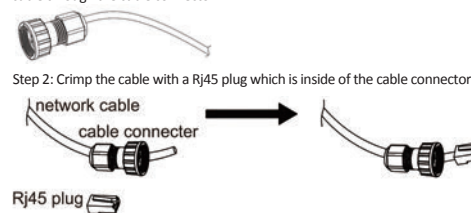
A: Connect the inverter and make sure the wiring position is correct, as shown in the figure below.

Note: Inverter wiring refer to the inverter user manual.

For outdoor use, please use Item K and proceed as follows

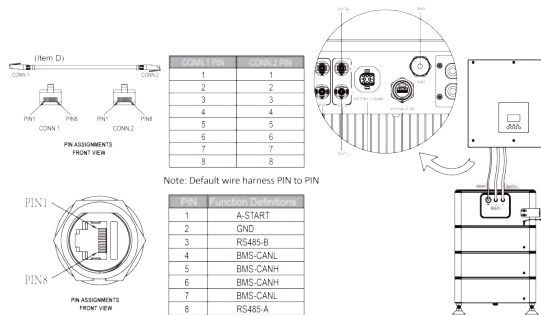
Connection steps:

Step 1: Prepare a standard network cable and cable connector, then insert the network cable through the cable connector.

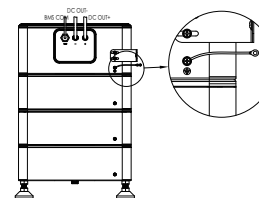


If the usage is indoor, please use Item D

Step 3: Insert the cable connector into BMS port at the bottom of inverter and screw it tightly.



B: Connect the grounding cable. The figure is shown in below.



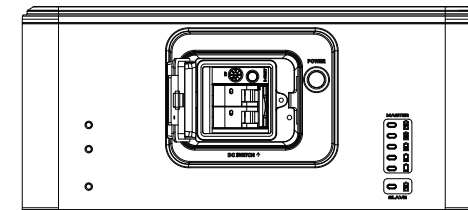
6. System Startup

P/M operation:

- Normal mode: When there is PV and grid access, turn on DC switch first, then press "POWER" button.
- Black start: When there is no PV and grid access, turn on DC switch first, then press "POWER" button, then press and hold "B-Start" button and release it after 10s.

Startup steps:

Turn on DC switch and press the POWER switch. Alarm display and Alarm LED on PS-S/PS-M will light up at the same time for 1s to prove that the system is powered on successfully. The control panel is shown in below.



To view all relevant documentation such as Install Manuals and Guides, scan the QR code below.

