

Quick Installation Guide

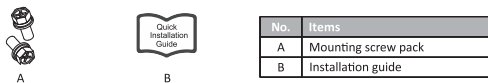
1. Tools Required

The following tools will be required to install PSUS4000H-M and PSUS4000H-S.

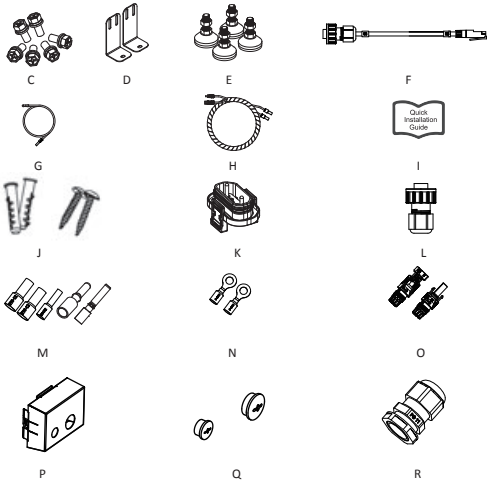


2. Packing List

For PSUS4000H-S:

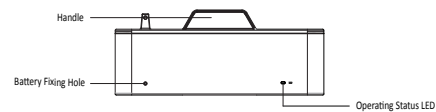


For PSUS4000H-M:

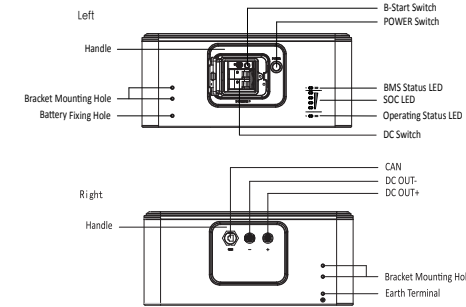


3. Terminals

For PSUS4000H-S:



For PSUS4000H-M:



4. Installation Steps

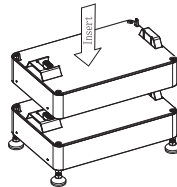
Step 1

Install a PSUS4000H-S with four footstand (Item E) and place it on the ground and adjust it to the level. After installing the footstand, use a track level bar to confirm the level. Insert the waterproof cover (Item K) into the bottom of the battery and lock it in place with the clip.



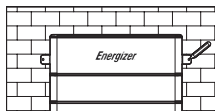
Step 3

Stack the batteries one by one.



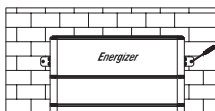
Step 5

Mark the wall through the bracket hole.



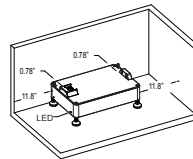
Step 7

After stacking PSUS4000H-M again, fix the battery on the wall.



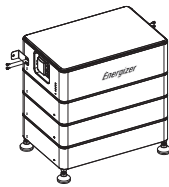
Step 2

Place the battery 0.78" against the wall. Note: Please make sure the Operating Status LED is on your left handside when you facing the battery model.



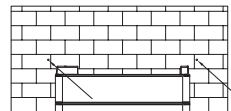
Step 4

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



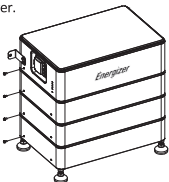
Step 6

Punch after removing the PSUS4000H-M. Drill holes with electric drill, make sure the holes are at least 1.97" deep, and then tighten the expansion tubes (Item J).

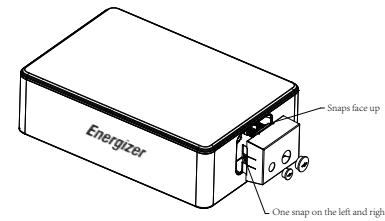
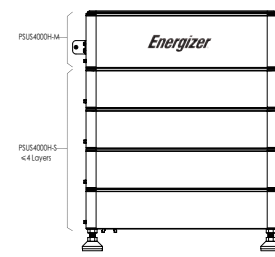


Step 8

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



Note: Please make sure each system including 1 PSUS4000H-M and 1 PSUS4000H-S. PSUS4000H-S less than 4(1~4) pieces:



5. Wiring Steps

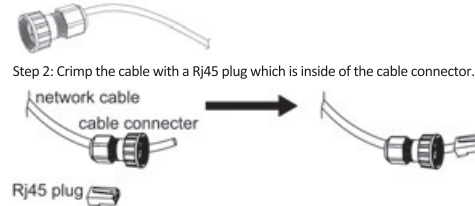
A: Connect the inverter and make sure the wiring position is correct, as shown in the figure below.

Note: Inverter wiring refer to the inverter user manual.

For outdoor use, please use item L and proceed as follows

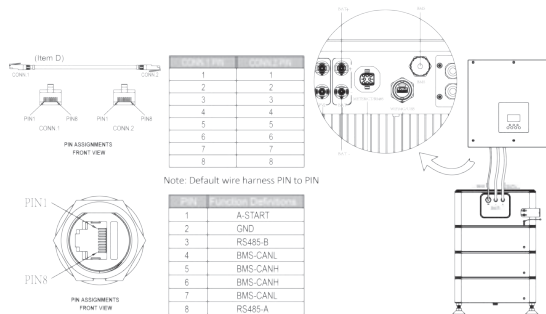
Connection steps:

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

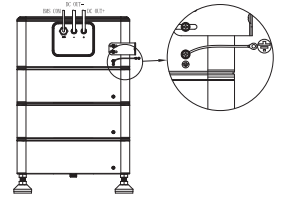


If the usage is indoor, please use item F

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.



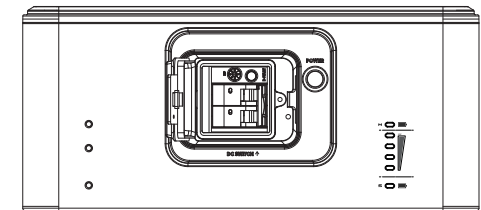
6. System Start Up

PSUS4000H-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.

Start up steps:

Turn on DC switch and press the POWER switch. Alarm display and Alarm LED on PS/PM 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.



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

