

Schneider Boost Quick Guide for Germany

Schneider Boost: BATB3KEU3, BATPMEU2

⚠️ DANGER

- HAZARD OF ELECTRIC SHOCK, EXPLOSION, ARC FLASH, AND FIRE
- This equipment and its accessories must be installed, uninstalled in serviced by qualified electrical personnel only.
 - Equipment energized from multiple sources. Before removing covers, identify all sources, de-energize, lock-out and tag-out, and wait five minutes for circuits to discharge.
 - This document is in addition to, and incorporates by reference, the relevant product documents for the Schneider Inverter and Schneider Boost. Before reviewing this document, you must read the relevant product documents. Unless specified, information on safety, specifications, installation and operation is as shown in the primary Installation and Operation documents online. Ensure you are familiar with that information before installing or operating this product.

Failure to follow these instructions will result in death or serious injury.

Products Documentation & App

Three-phase Schneider Inverters



HY8K3EU1



HY10K3EU1



HY14K3EU1

Boost



Boost battery

Accessories



Smart Dongle (SDG1ITL)

HEMSlogic



HEMSlogic
(PRHEMS04DE)



HEMSlogic
Installer Portal

eSetup



eSetup (Android)

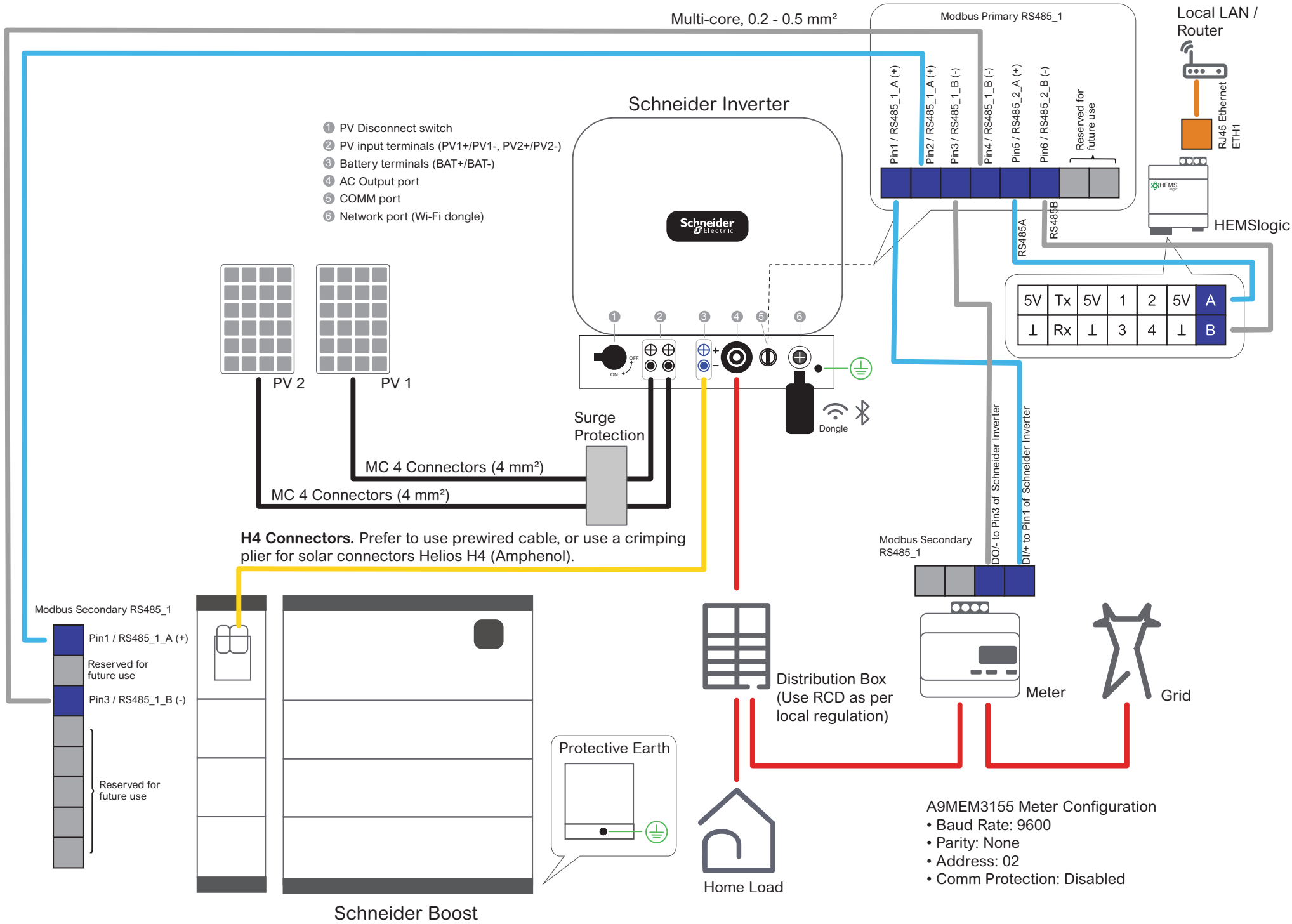


eSetup (iPhone)

TME47604A | July 2024

Schneider Inverter and Boost System Connection Diagram

- Installation Order
- Schneider Inverter
 - Schneider Boost (optional)
 - A9MEM3155
 - HEMSlogic



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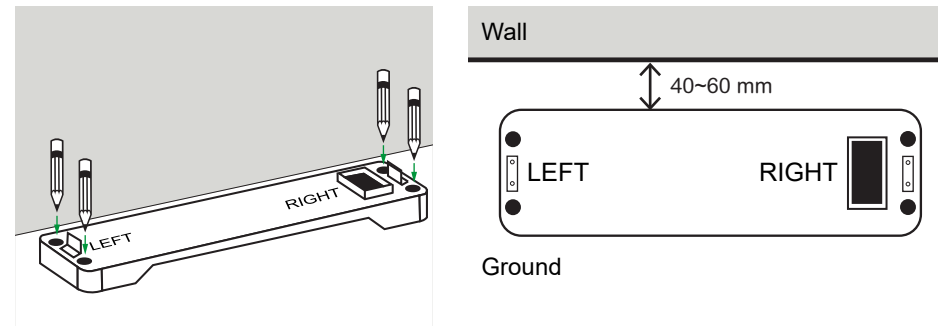
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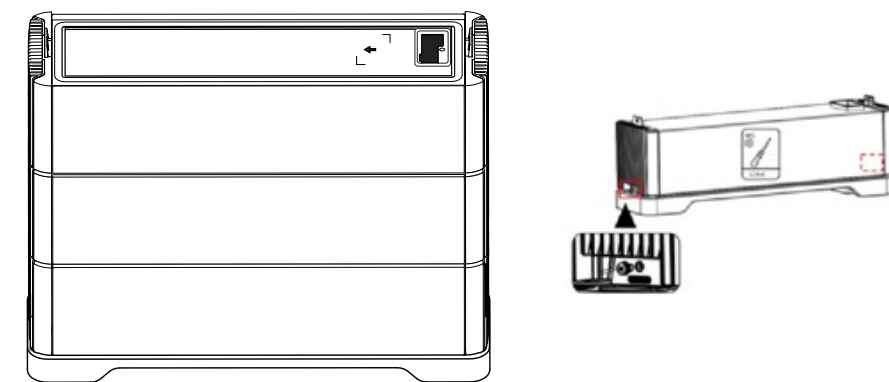
1. Mounting the Battery (Accessory J/K/L)

To mount the Boost battery, follow these steps:

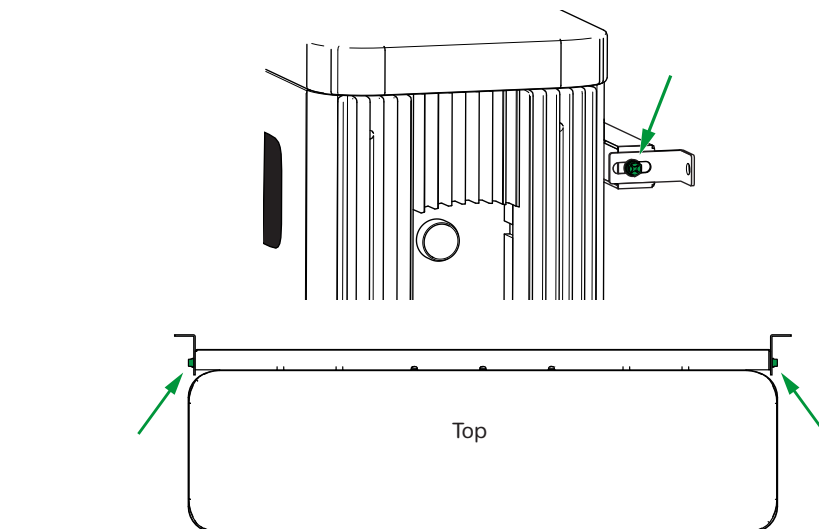
1. Place the base on horizontal ground 40 to 60 mm away from the wall. If securing the battery base to the floor, mark the location of the four mounting holes and use an electric drill to make 8 mm diameter holes, 45~50 mm deep into the ground. Secure the base with M6 screws if desired (optional). Refer to the user manual for details.



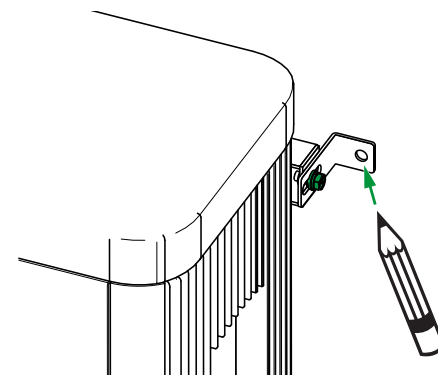
2. Stack the power modules and secure them with M5*10 screws on both sides.



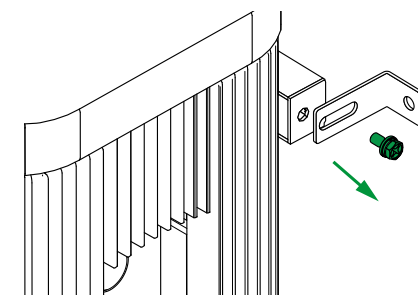
3. Attach the small brackets to both sides of the controller bracket with M6*14 screws (Torque to 4.5 Nm).



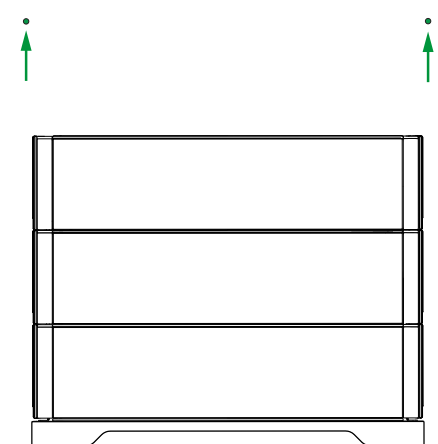
4. Stack the controller on top of the battery module and mark the location of the bracket hole on the wall with pen.



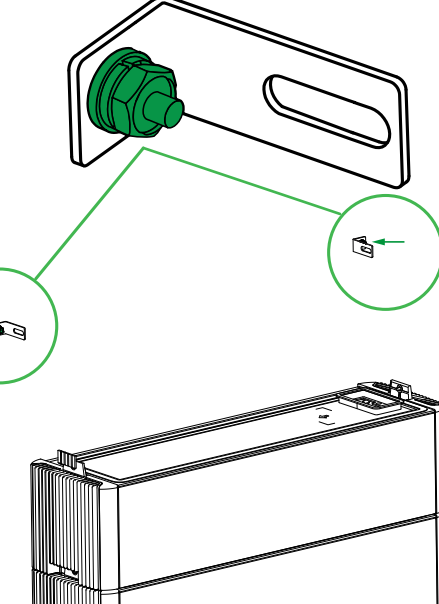
5. Remove the controller from the battery modules and unscrew the small brackets from the controller bracket.



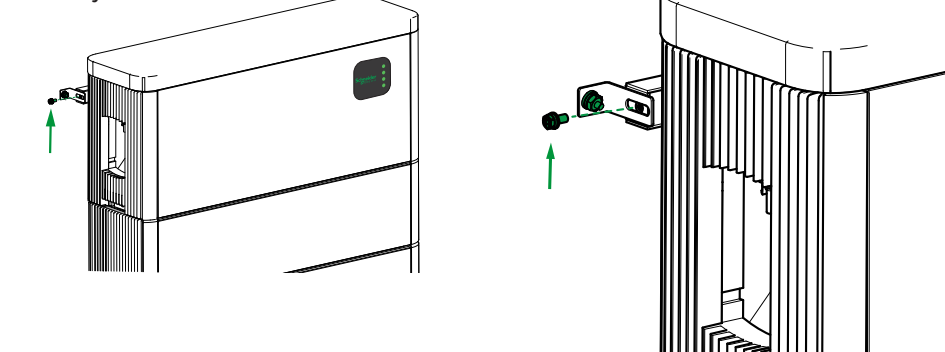
6. Use an electric drill to make 8 mm diameter holes, 45~50 mm deep into the wall, and then clean up the debris.



7. Use a socket wrench to attach the small brackets to the wall with a nut (Torque to 5 Nm).



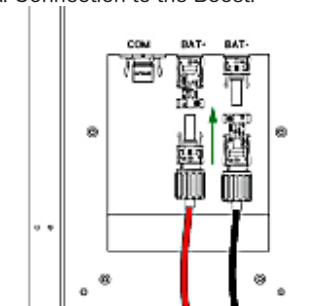
8. Restack the controller on the battery modules and reattach the brackets to the bracket using M6*14 screws (Torque to 4.5 Nm). Fix the controller to the battery modules.



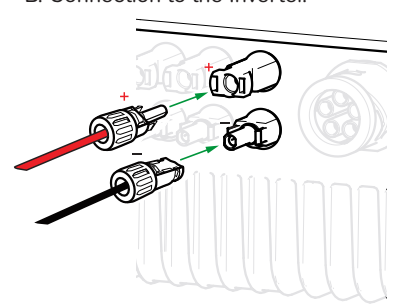
2. Battery Connections (Accessory M/N/P)

1. Complete the power connection (DC1) between the Boost and Inverter.

A. Connection to the Boost.

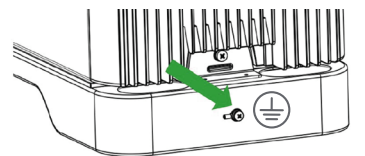


B. Connection to the Inverter.

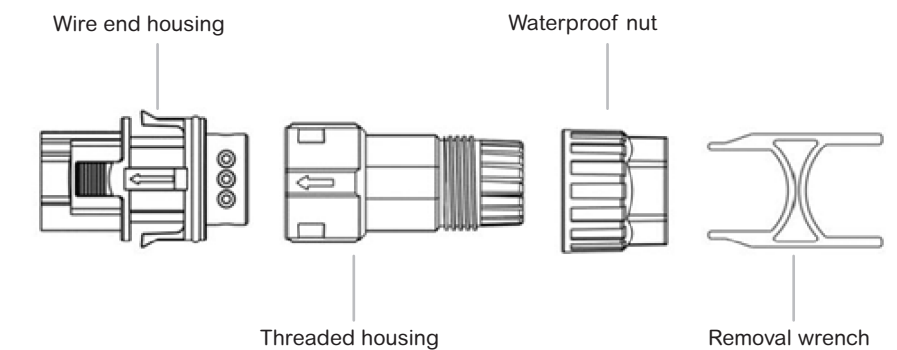


Note: For specific cable assembly needs, use only the H4 connectors provided in the Battery Controller package and a crimping plier for solar connectors Helios H4 (Amphenol).

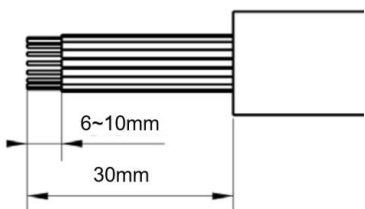
2. Install the PE cable. 6mm² wire is recommended for the PE cable.



3. Communication Connection (Accessory M)



Strip 30 mm of sheath and 6~10 mm of insulation from the end of the Communication cable. Refer to the System Connection Diagram for communication connections.



4. System Startup

To start the system:

1. Ensure that the Inverter and battery are correctly mounted, the cables are the correct polarity, and that the dongle and all wire connections are properly connected
2. Set the external AC and DC breaker switches (if applicable) to ON
3. On the Schneider Boost, rotate the manual DC disconnect switch to ON.
4. On the Schneider Boost, press and hold the green "Black Start" button for 10 seconds until the battery's LED display starts flashing green. Release the button.
5. On the Schneider Inverter, rotate the switch to ON. Confirm that the inverter's power LED is lit in green.
6. Confirm that the LED on the dongle is lit in green.

Once the battery has started, it will perform an automatic State of Charge calibration. **Note:** During the calibration process, the battery is charged to 100% state of charge using the PV power supply or the grid power supply if PV is not sufficient.

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