SolarEdge Home Hub Inverter - Three Phase – For EU and Australia

Quick Installation Guide

V1.3

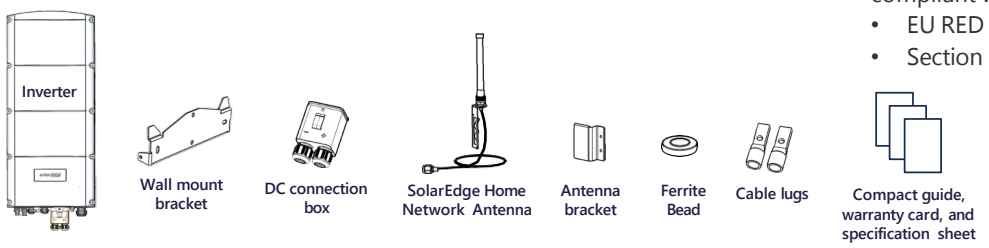
solaredge.com
SolarEdge Technologies GmbH, Werner-Eckert-Str. 6, 81829 Munich, Germany
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Up-to-Date Quick Installation Guide | Unpacking and Mounting Video | Wiring Video | Datasheet EU | Datasheet AU | Full Installation Guide

SolarEdge declares that the Home Hub Inverter – Three-Phase family of products is compliant with:

- EU RED Directive 2014/53/EU
- Section 6 of AS/NZS 4777.2.2020

What's in the Package



Tools and Materials



WARNING!
This symbol denotes a hazard. The symbol calls attention to a procedure that could result in injury or loss of life if not correctly performed or adhered to. Do not proceed beyond a warning note until the conditions are fully understood and met.

CAUTION! Denotes a hazard. The symbol calls attention to a procedure that could result in damage or destruction of the product if not correctly performed or adhered to. Do not proceed beyond a caution sign until the indicated conditions are fully understood and met.

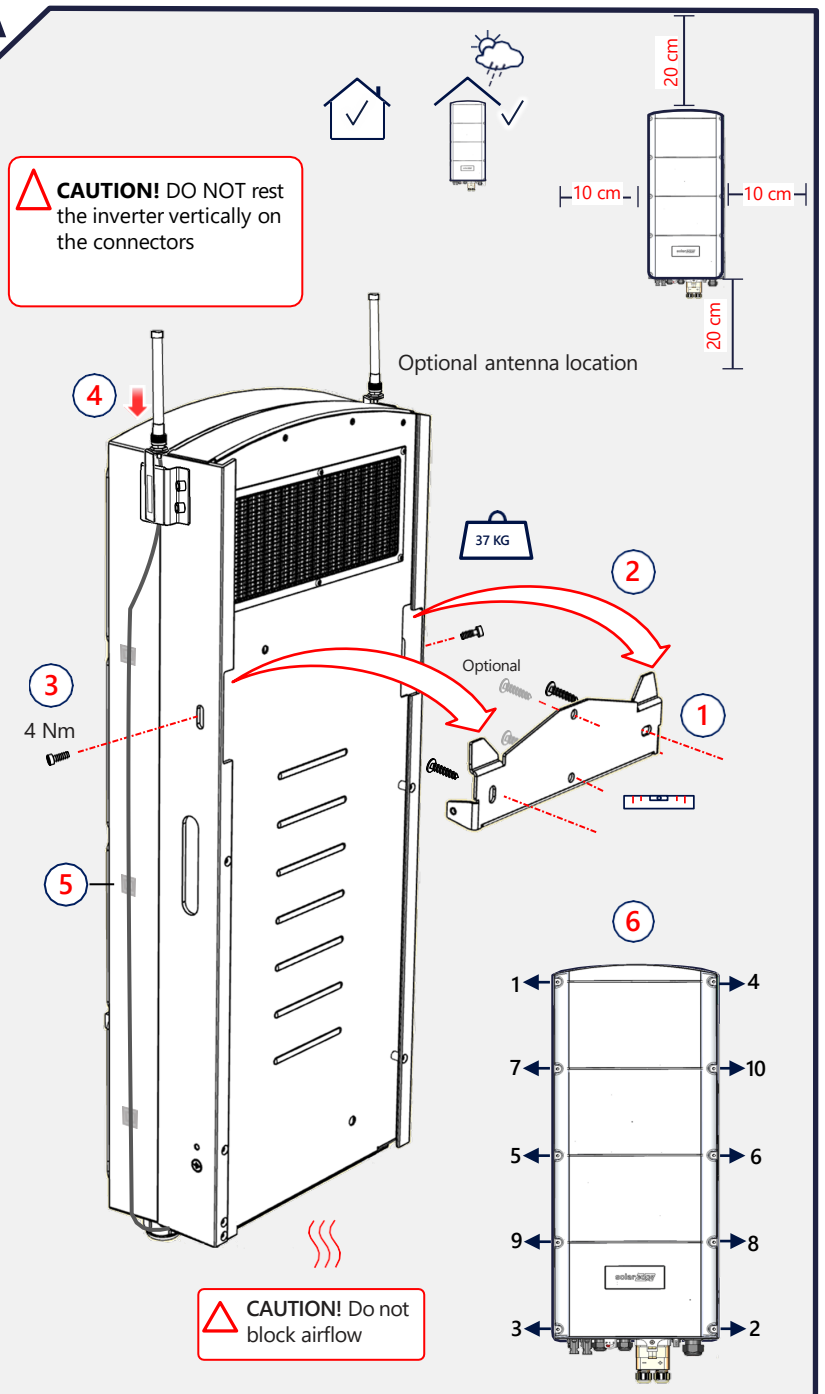
Backup System Installation

IMPORTANT NOTE! When installing or upgrading your backup system:

1. First, install the Inverter.
2. Next, install the Battery.
3. Finally, if applicable, install the Backup Interface (BUI).

Mounting

A



CAUTION! DO NOT rest the inverter vertically on the connectors

CAUTION! Do not block airflow

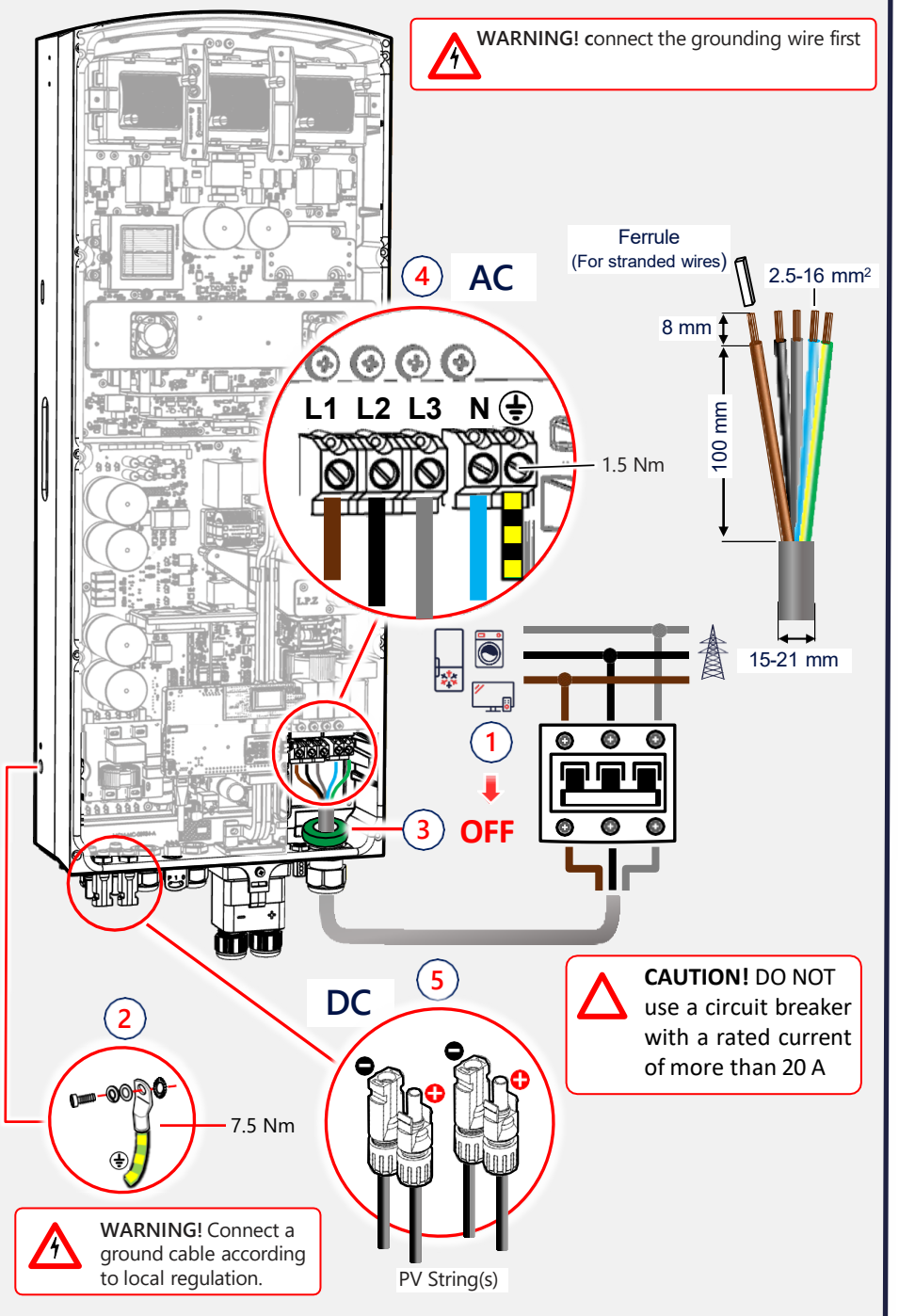
Wiring

B

WARNING! HAZARD OF ELECTRIC SHOCK. DISCONNECT POWER AND WAIT FOR 5 MINUTES BEFORE INSTALLATION OR SERVICE

WARNING! Before installing or operating the Inverter, read the Safety and Handling instructions provided with this product.

WARNING! connect the grounding wire first

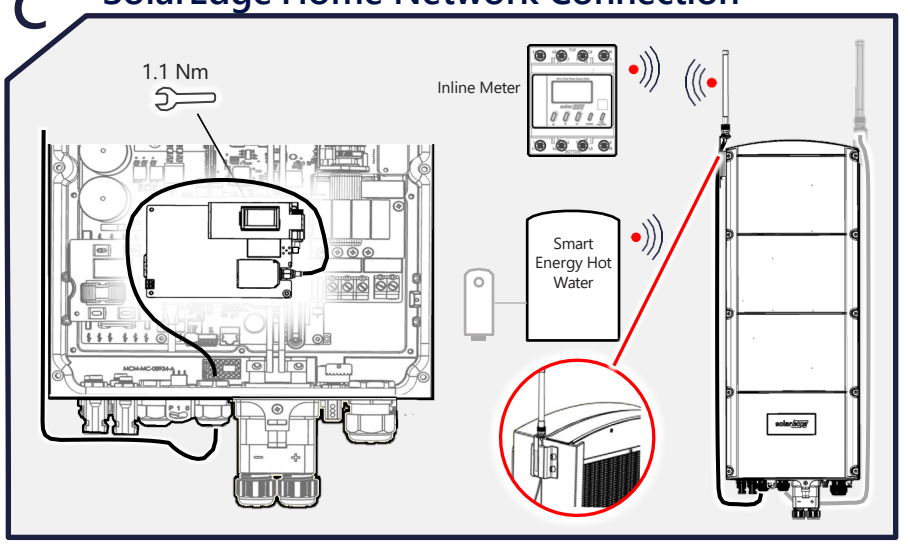


CAUTION! DO NOT use a circuit breaker with a rated current of more than 20 A

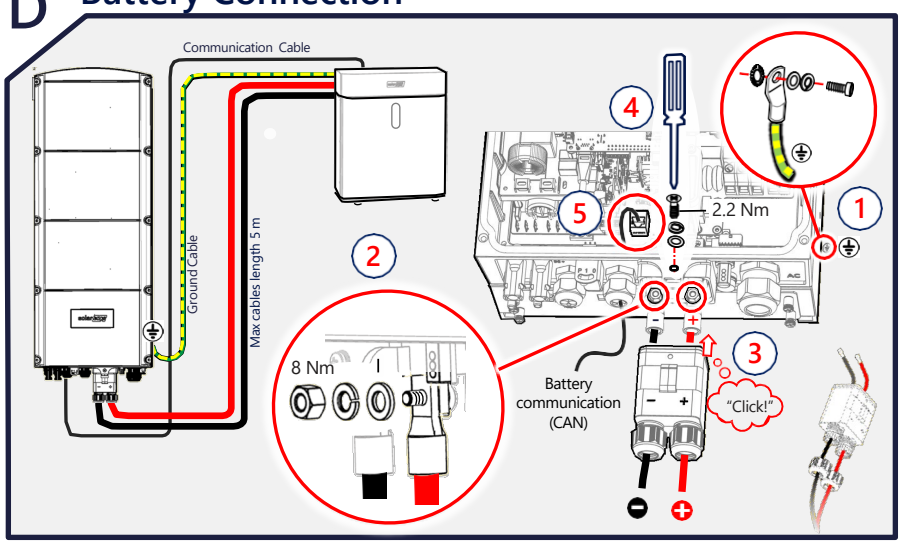
WARNING! Connect a ground cable according to local regulation.

IMPORTANT! The connection to units and accessories shown here is for reference only. For detailed information, refer to the specific product guide.

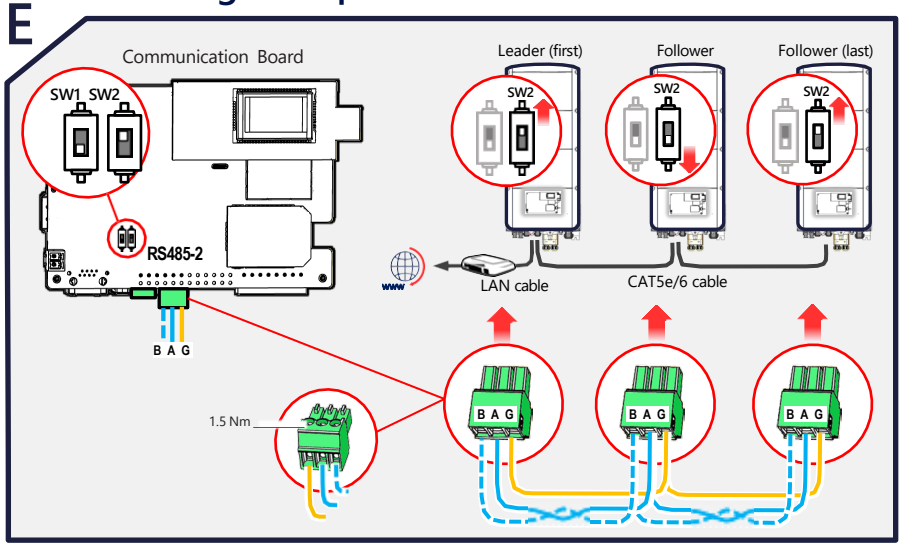
C SolarEdge Home Network Connection



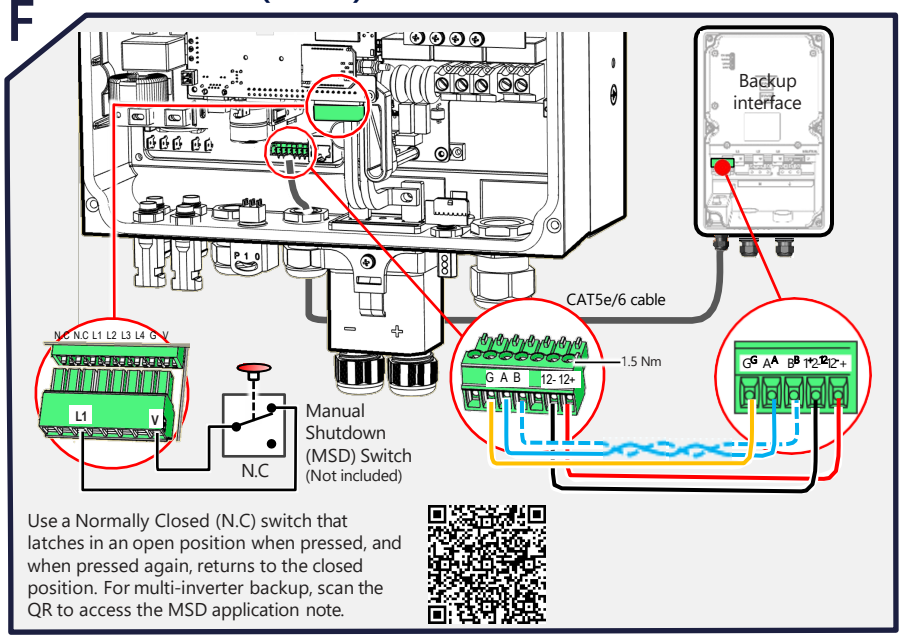
D Battery Connection



E Chaining Multiple Inverters



F Backup Interface (BUI) and Manual Shutdown (MSD) Switch Connection

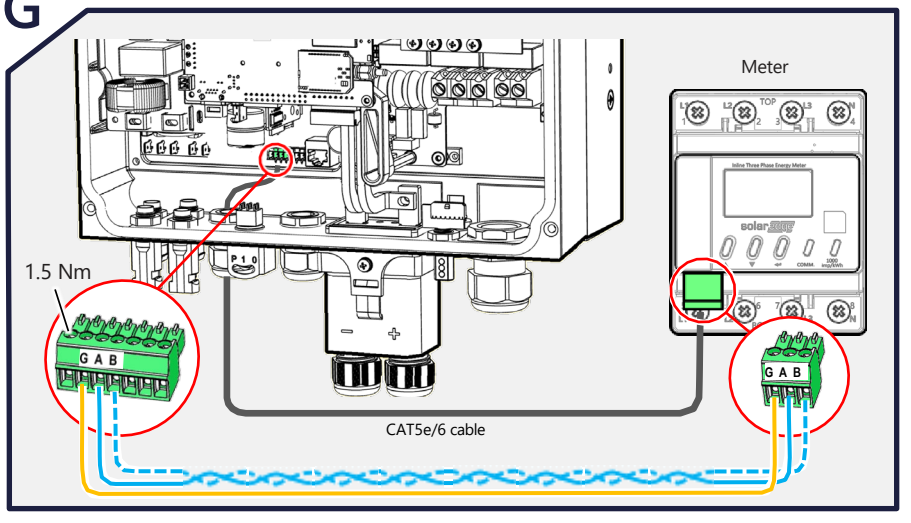


Use a Normally Closed (N.C) switch that latches in an open position when pressed, and when pressed again, returns to the closed position. For multi-inverter backup, scan the QR to access the MSD application note.

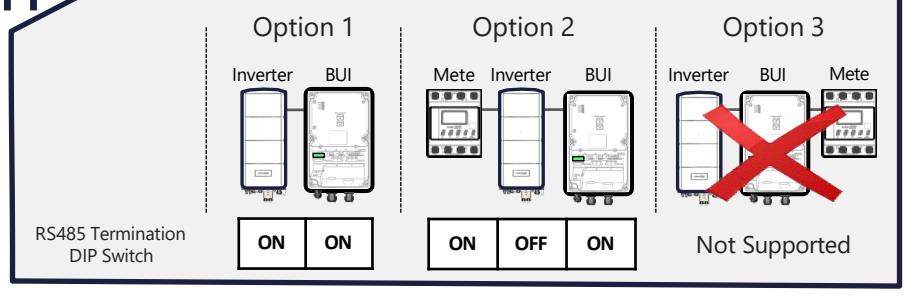
Meter Connection Connect Meter ONLY if:

1. BUI not installed. 2. Backup configuration is set to "partial home backup"
3. Meter is installed to support third-party production inverters)

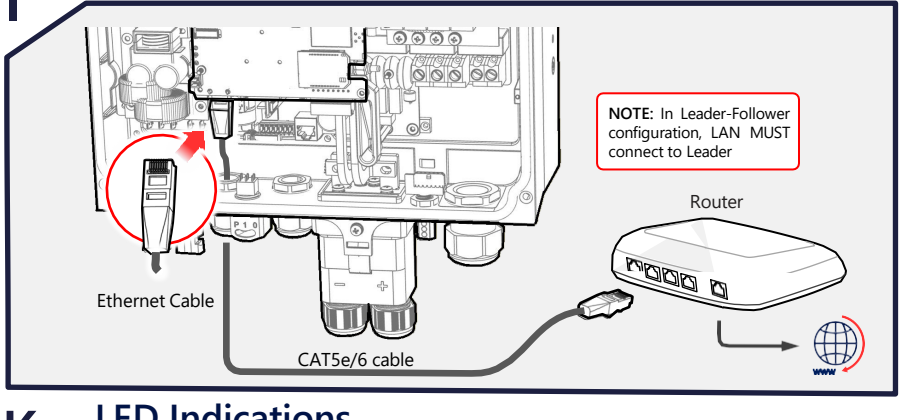
G



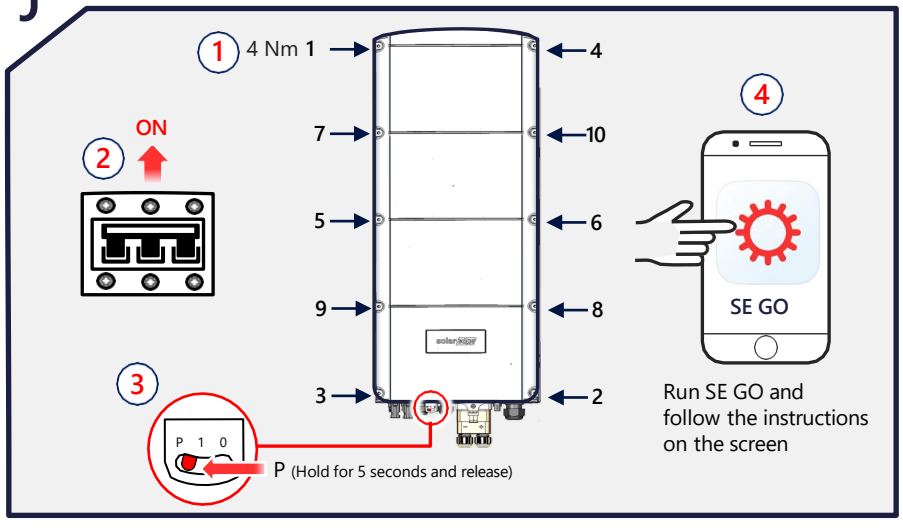
H RS485 Connection Options



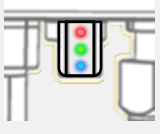
I LAN Connection



J Commissioning the Inverter



K LED Indications



- Red: fault
- Green: power production,
- Blinking Green: Grid connection OK
- Blue: communication OK

For more indications refer to:
https://www.solaredge.com/leds

For remote status, fault indications, and system performance, refer to Remote Monitoring at:
https://www.solaredge.com/products/pv-monitoring#/