solaredge

SolarEdge TerraMax™ Inverter

Quick Installation Guide

For Europe, APAC, and South Africa Version 1.3

Scan for full Installation Guide



Legend



NOTE

This symbol denotes information intended to assist the user in making optimum use of the product.



CALITIONI

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



WARNING!

Denotes a hazard. It calls attention to a procedure that, if not correctly performed or adhered to, could result in injury or loss of life. Do not proceed beyond a warning note until the indicated conditions are fully understood and met.



Do not cut the cable connectors



Do not bend the cable. Bending radius: 4 x wire diameter.



This symbol appears at grounding points on the SolarEdge manuals and equipment.

SAVE THESE INSTRUCTIONS – This guide contains important instructions for SolarEdge TerraMax Inverter that should be followed during installation and maintenance. Using this equipment in a manner not specified in this guide by SolarEdge may impair the protection provided by this equipment.





Turn ON/OFF the main circuit board AC switch. When turning it off, wait 5 minutes for DC Voltage to drop to a safe level before removing the front panel.



Turn the DC Disconnect Switch on/off. (Switch is available for some models) When turning it off, wait 5 minutes for DC Voltage to drop to a safe level before removing the front panel.





Turn the ON/OFF/P Switch on/off. When turning it off, wait 5 minutes for DC Voltage to drop to a safe level before removing the front panel.

Before connecting aluminum wires to terminals:



- 1. Remove oxide from the exposed wires with emery paper or a steel wire brush
- 2. Clean dust with a cloth and Isopropyl alcohol (IPA)
- 3. Coat wires with a designated antioxidant aluminum wire grease immediately after cleaning



CAUTION! Connection of oxidized aluminum wires may result in resistance and high temperatures at contact points. Improper execution of the following procedure may cause damage to the unit.

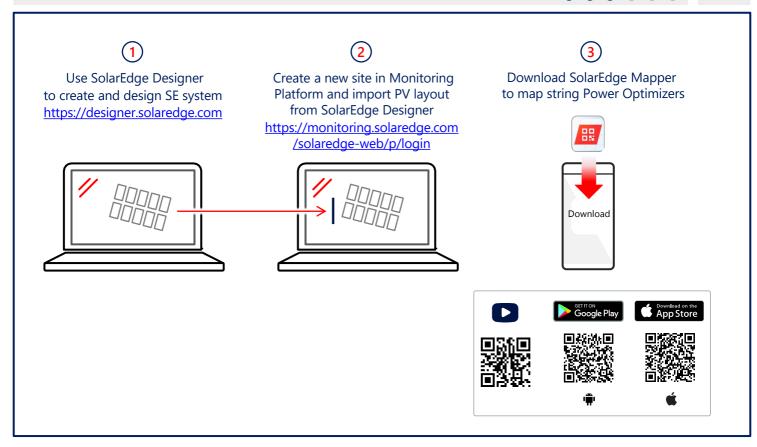


Before installation, read the HANDLING AND SAFETY INSTRUCTIONS



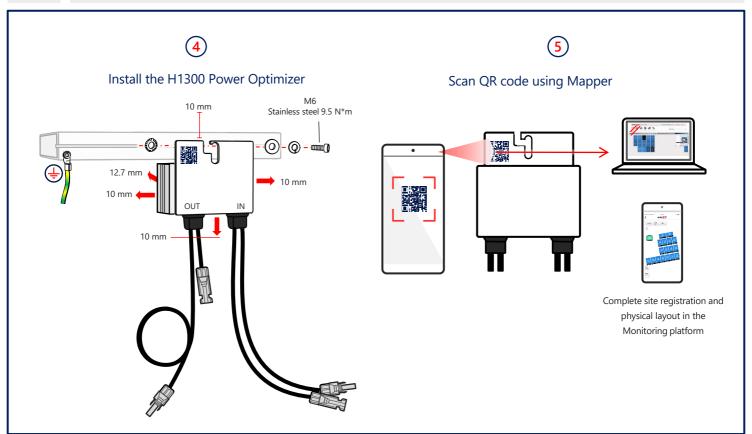
Installing the Power Optimizers

1 + 2 + 3 + 4 + 5 + 6



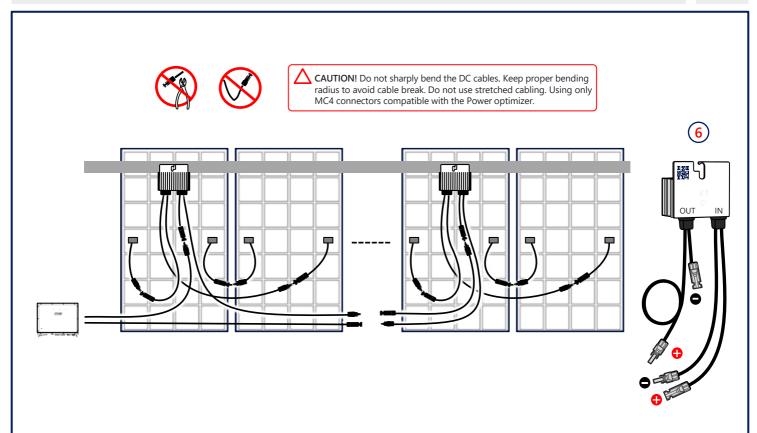
Installing the Power Optimizers

1 + 2 + 3 + 4 + 5 + 6

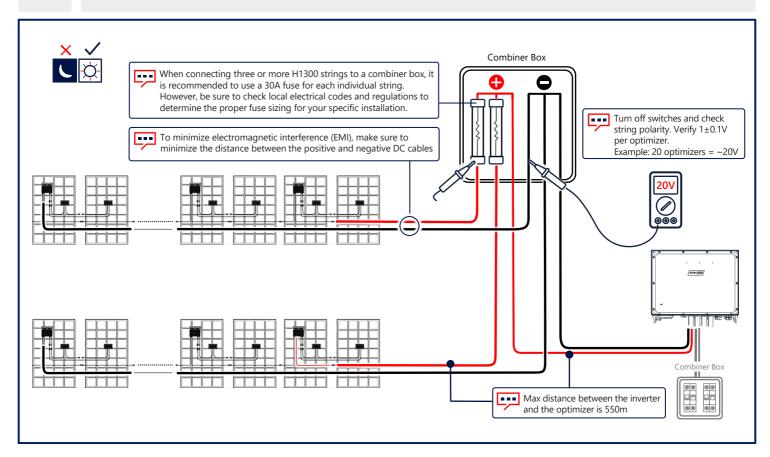


Connecting the Power Optimizers

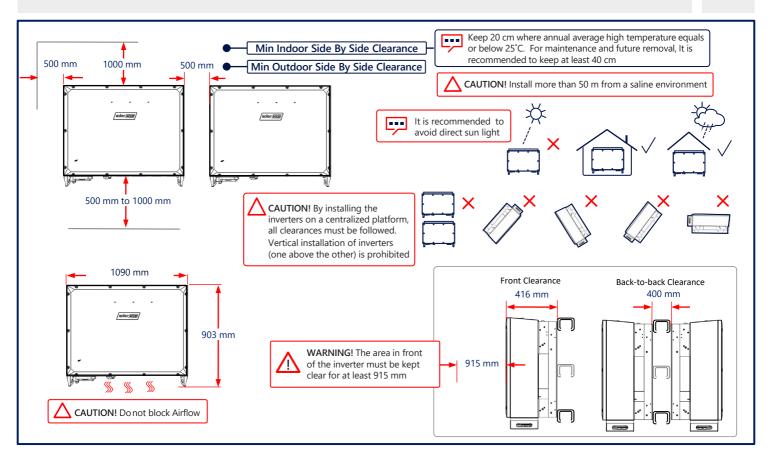
1 - 2 - 3 - 4 - 5 - 6



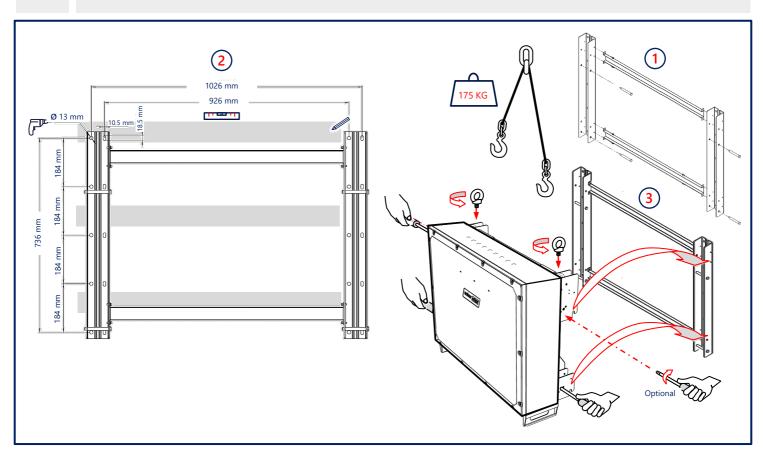
Connecting PV Strings



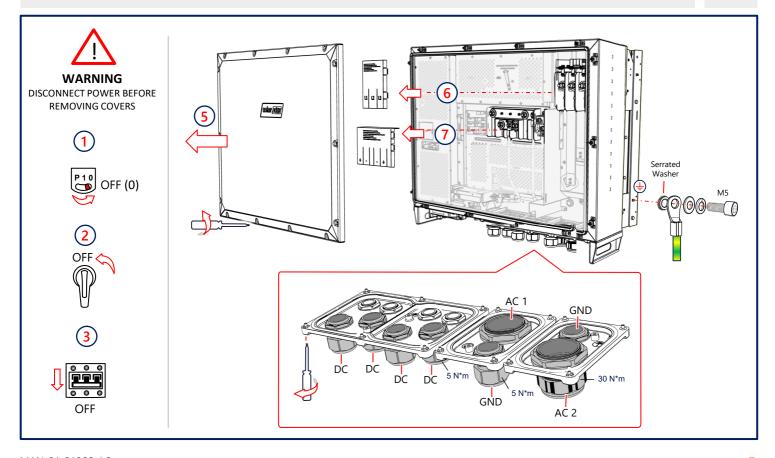
Maintaining Clearance



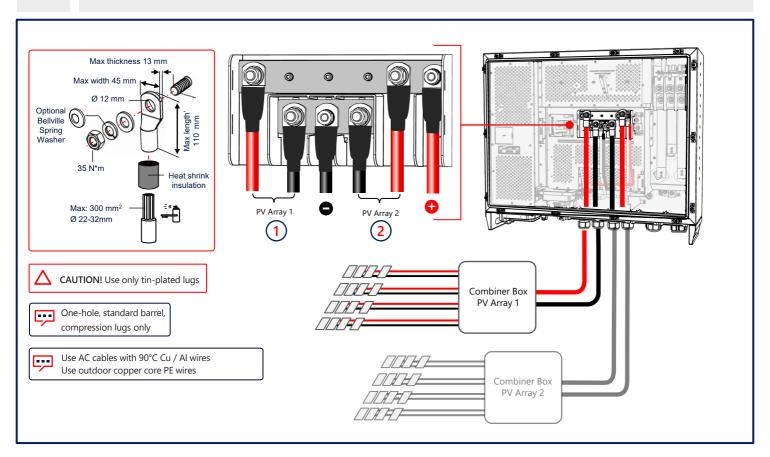
Mounting



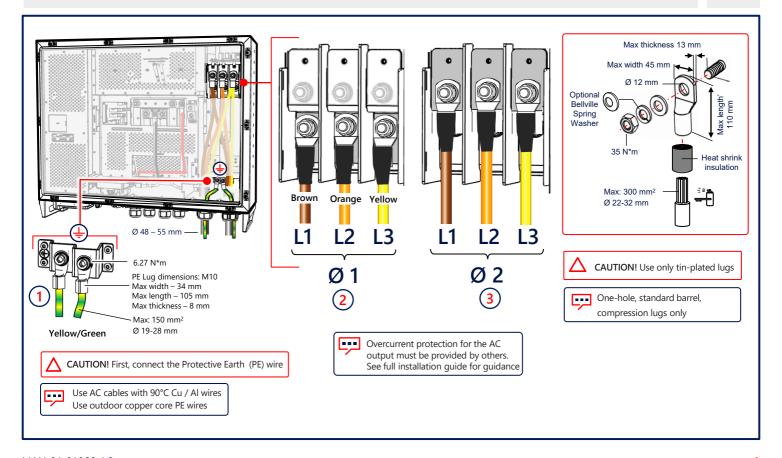
Removing Covers and Chassis Ground



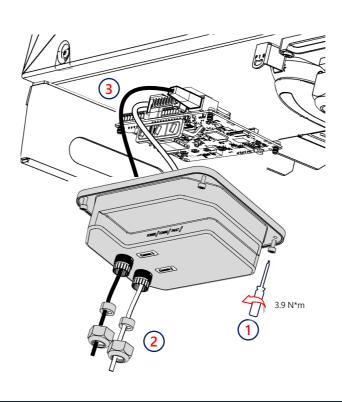
Connecting the PV Arrays



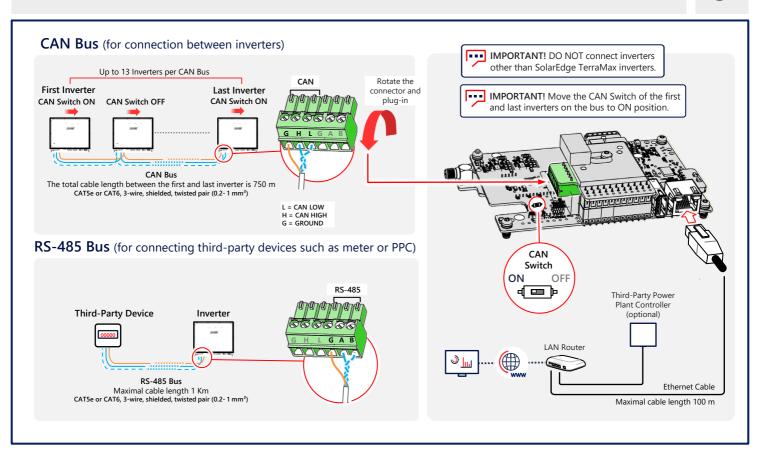
Connecting AC and Protective Earth (PE)



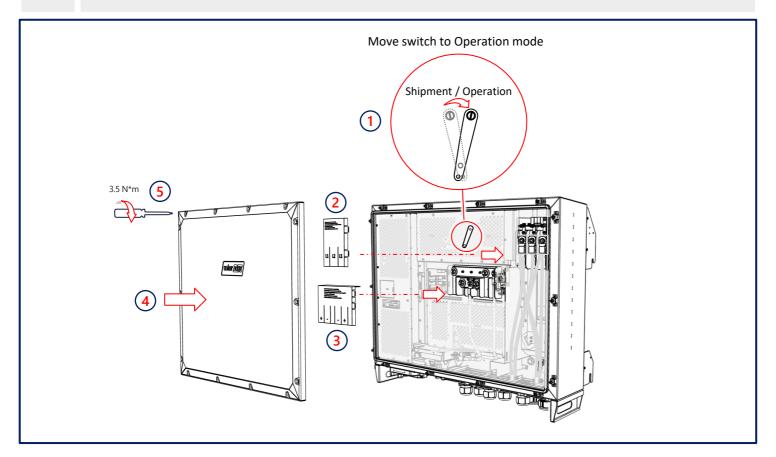
Accessing the Communication Compartment



Connecting Communication

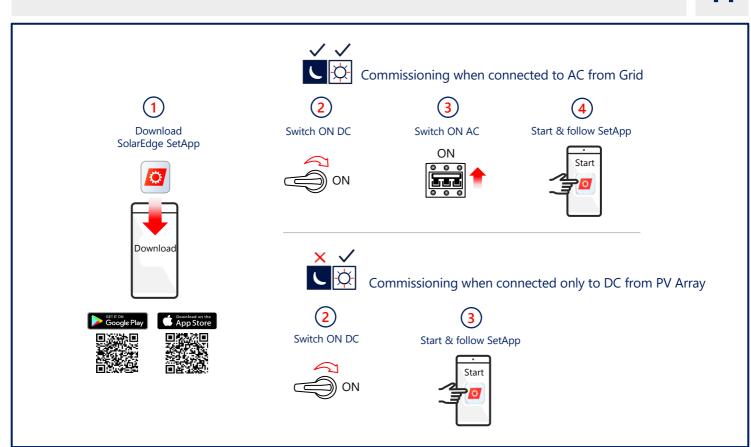


Unlocking Relays and Installing the Covers

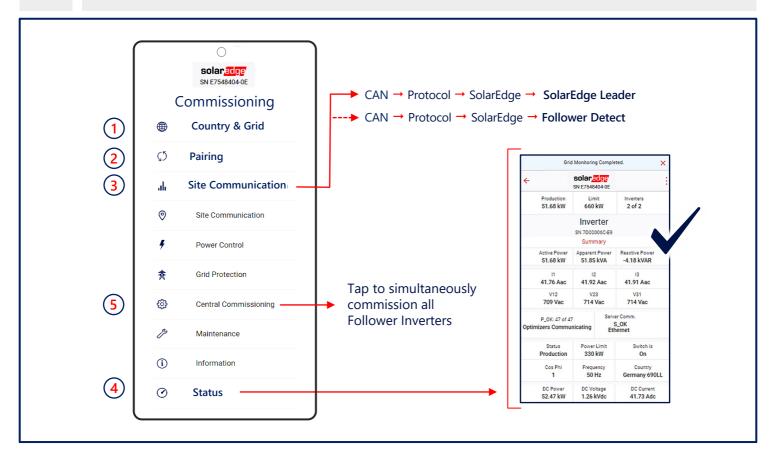


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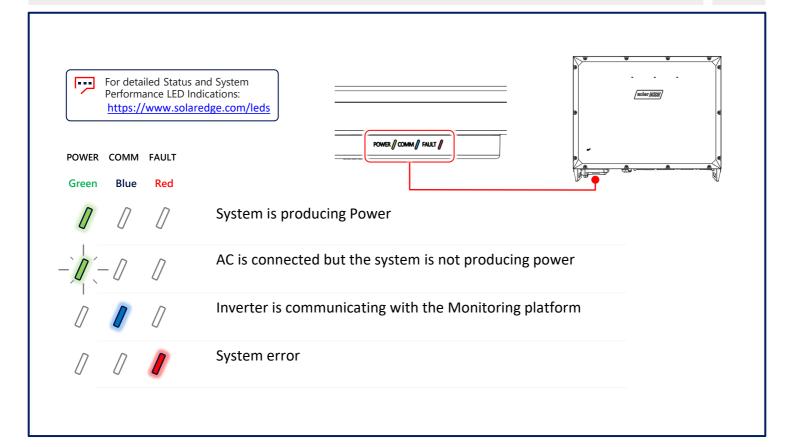
Commissioning (Part 1)



Commissioning (Part 2)



LED Indications



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Support Contact Information

If you have technical problems concerning SolarEdge products, please contact us: https://www.solaredge.com/service/support

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