

## ContainerPower Energy Solutions

# Portugal three-phase inverter installation



## Overview

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How much clearance do I need for a 3 phase inverter?

10 cm (4") from the right and left of the inverter. For easy access to the fans, a larger clearance is recommended. If installing multiple inverters, following the guidelines for three phase inverters in Clearance Guidelines for Multiple Inverter Mounting.

Which Solis 3P 3-20k-4g inverter belongs to the older series?

Note: The Solis 3P 3-20K-4G inverter belongs to our older series. Below, you will find all the details for the new series inverter, the S5-GR3P (3-20)K. If you would like to download the datasheet for the S5-GR3P (3-20)K, please click [HERE](#). If you would like to download the instructions for the S5-GR3P (3-20)K, please click [HERE](#).

Can I Touch the PV panels when the inverter switch is on?

Do not touch the PV panels or any rail system connected when the inverter switch is ON, unless grounded. WARNING! SafeDC complies with IEC60947-3 when installing the system with a worst case SafeDC voltage (under fault conditions) < 120V. CAUTION! This unit must be operated according to the technical specification datasheet provided with the unit.

How far can a SolarEdge inverter be installed?

SolarEdge inverters and power optimizers can be installed at a minimum distance of 50 m/ 164 ft from the shoreline of an ocean or other saline environment, as long as there are no direct salt water splashes on the inverter or power optimizer. 1. Determine the inverter mounting location, on a wall, stud framing or pole.

Can a SolarEdge inverter be installed in a site with a generator?

A SolarEdge inverter may be installed in a site with a generator. SolarEdge requires installing a physical or electronic interlock, which will signal to the

inverter when the grid has been disconnected. Interlock procurement, installation, maintenance and support are the responsibility of the installer.

How do I activate the inverter?

1. Turn ON the AC circuit breaker on the main distribution panel.
2. Open SetApp and follow the on-screen instructions (scan the inverter bar-code; move the ON/OFF/P switch to P position for 2 seconds and release). SetApp creates a Wi-Fi connection, upgrades the inverter CPU firmware and activates the inverter.

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