

## A-Core Container

# 33kw inverter installation



Storage System  
50KWH-1MWH

## Overview

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Can a 3 phase inverter be installed vertically?

Unused conduit openings and glands should be sealed with appropriate seals. The inverter is typically mounted vertically, and the instructions in this section are applicable for vertical installation. Some three phase inverter models can be installed horizontally (above 10° tilt) as well as vertically, and at any tilt over 10° up to 90°.

How many kW can an inverter handle?

The inverters are equipped with adjustable utility protective function set-points, and can be aggregated above 30kW on a single Point of Common Connection. The default settings are in compliance with IEEE1547. Utility authorization is required to change these set-points. Max.

How do you install a heat sink inverter?

Fasten the bracket using a standard bolt. Verify that the bracket is firmly attached to the mounting surface. Insert the two supplied screws through the outer heat sink fin on both sides of the inverter and into the bracket. Tighten the screws with a torque of 4.0 N\*m / 2.9 lb.\*ft.

How do I Commission the inverter?

Perform the commissioning steps as described in Commissioning the Installation on page 52. 1. Turn OFF the inverter ON/OFF switch, and wait until the LCD indicates that the DC voltage is safe (<50V), or wait five minutes before continuing to the next step. WARNING! discharge. AVERTISSEMENT!.

How do you mount an inverter?

Make sure the mounting surface or structure can support the weight of the inverter (single phase: 44.7 / 20.2 lb/kg; three phase: 79.7 / 36.2 lb/kg) and bracket (2.8/1.3 lb/kg). Drill the holes and mount the bracket. Verify that the bracket is firmly attached to the mounting surface.

How do I connect a LAN inverter?

Connect the cable RJ45 connector to the RJ45 port of the Ethernet switch or router. You can connect more than one inverter to the same switch/router or to different switches/routers, as needed. Each inverter sends its monitored data independently to the monitoring platform. 9. The inverter is configured by default to LAN.

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## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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