

MICRO Inverter system

Pre-installation kit instructions



Reader note

This document is to be used in conjunction with the original product manual or Quick Installation Guide for the CDD and MICRO-0.25-0.3-0.3HV-I. All safety precautions in the full manual must be read, understood and followed.

Purpose

The purpose of the kit is to provide easy acquisition of a carton box (12 units) of MICRO inverters. The pre-installation of the inverters using the CDD (concentrator data device) is done at ground level prior to rooftop installation, and includes setting of the grid/country standard and location.



NOTE! Acquisition using the CDD display is available beginning with CDD firmware version 2.1.9. It is possible to locally upgrade the CDD to the latest available firmware found on the website. If updated firmware is not available, the acquisition can be performed using a WebServer and PC connection described in the CDD product manual found on the website.

Pre-installation kit components

AC power supply - Item ZFC.00033 –
qty:1
Input 100-240Vac~0.8A 50-60Hz
Output 28Vdc 0.64°



AC power cord
USA inlet type A – item ZLH.00737 –
qty:1
OR
EU inlet type C - item ZLH.00754 –
qty:1
OR
UK inlet type G - item ZLH.00807 –
qty:1



9V alkaline battery – item ZFB.00078
– qty:1



NOTE! battery only allows CDD to operate for a maximum time of 30 minutes!

Battery strap to CDD - item
ZLH.00741.0 – qty:1



Micro inverter daisy-chain input cable
item ZLH.00740.0 – qty:1



Step 1

- Open the MICRO inverter carton box
- Remove (and SAVE) all blue input connectors caps.



Step 2

- Connect the daisy-chain input cable (included in the kit) to the input connectors of the MICRO inverters.
- Begin at one end of the boxed inverters; after the first 6 connections, the cable length becomes longer in order to reach the other strip of MICRO inverters.
- All connector wings on the daisy-chain input cable connectors have been removed to allow easy plug and unplug from the inverter.



Step 3

- Join the input cable to AC power supply and connect it to Vac grid (100-240Vac~0.5A, 50-60Hz).
- Turn on the CDD and keep it close to the open side of the box.
- Follow instructions to **Acquire the MICRO inverters** found in the CDD quick installation guide or the CDD product manual.

To repeat the pre-installation procedure (more than 12 MICRO inverters) use the [ADD] Inverters selection in the menu of the CDD display.

Step 4

After completing the pre-installation, re-attach the blue input connector caps provided on the DC input connectors to prevent any water damage upon weather exposure of the mounted MICRO inverter.



For more information please contact:

www.abb.com/solarinverters

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