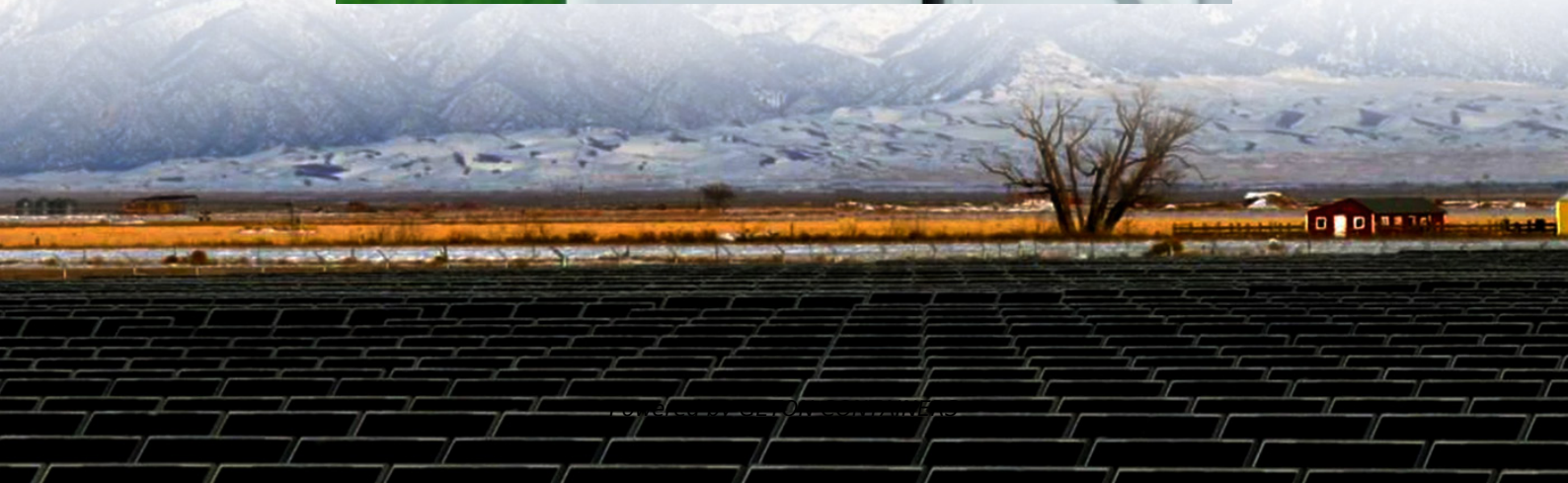


Requirements for setting up a solar container communication station inverter





Overview

How many inverters can be connected to a MV station?

The Inverter Manager and the I/O Box can be installed in the MV Station as an option and can control the output of the inverters. Up to 42 inverters can be connected to one Inverter Manager. This means that PV systems can be designed with several MV stations, whereby not every MV station has to be fitted with an Inverter Manager.

How many Sunny Tripower inverters can be connected to the MV station?

Up to 30 Sunny Tripower inverters can be connected to the MV Station. Several MV Stations can be connected together to form a ring or string on the medium-voltage side. The Inverter Manager and the I/O Box can be installed in the MV Station as an option and can control the output of the inverters.

How many inverters can be connected to one inverter manager?

Up to 42 inverters can be connected to one Inverter Manager. This means that PV systems can be designed with several MV stations, whereby not every MV station has to be fitted with an Inverter Manager. The AC low-voltage cables from the inverters are connected in the low-voltage compartment.

How do I connect multiple inverters to a PV system?

When there is only one inverter in the PV system, connect the additional grounding cable to a nearby grounding point. When there are multiple inverters in the PV system, connect grounding points of all inverters and the PV array frames to the equipotential cable (according to the onsite conditions) to implement an equipotential connection.



Requirements for setting up a solar container communication station



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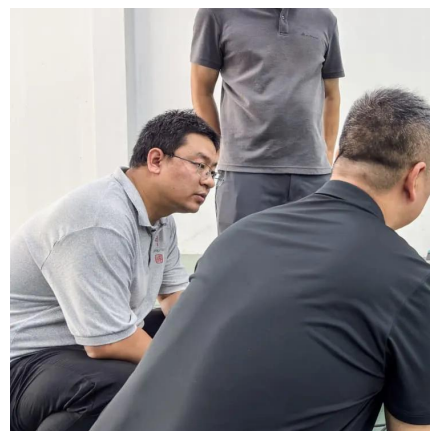
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If all of the items mentioned above meet the requirements, proceed as follows to start up the inverter for the first time. Step 1: Rotate the DC switch of the inverter to "ON" position.

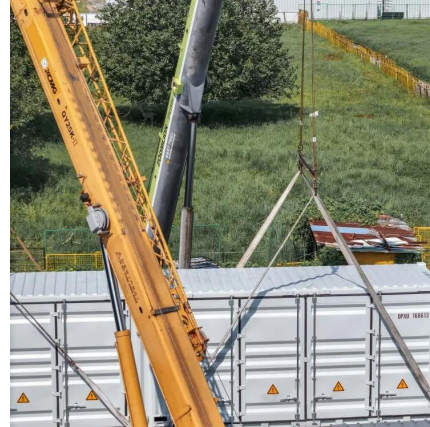
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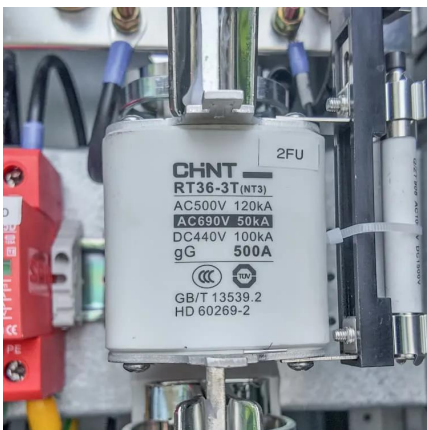
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