

Wall-mounted solar inverter installation





Overview

How do you install a solar inverter?

Install the inverter vertically or at a minimum back tilt of 10°. Forward installation or upside-down installation is prohibited. 1) Reserve enough clearance around the inverter to ensure sufficient space for heat dissipation, as shown in FIG 3-3.

How do you mount an inverter?

Mount the inverter against a sturdy wall or horizontally on a suitable ground surface. Mount the inverter with four screws vertically up- or downwards or horizontally up- or downwards. See below table and figure for the best mounting options. Mounting directions. Recommended?

Ceiling mounting (inverted). Vertical wall mounting, fan at the bottom.

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.

How to install a battery inverter?

Do not expose the inverter to rain or moisture. Install the inverter in a dry and well-ventilated area. For best operating results, the inverter should be mounted on a flat surface. Mount as close as possible to the batteries. Try and keep the distance between the product and the battery to a minimum in order to minimize cable voltage losses.



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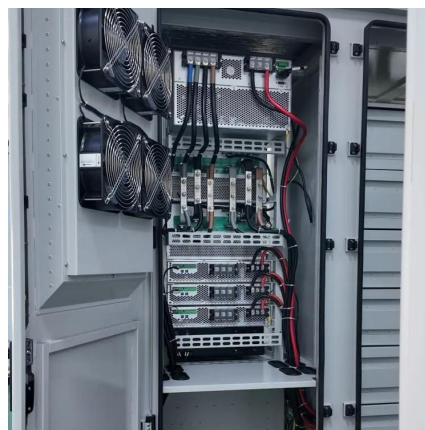


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3. Installation

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M:SUN2000-50K-MC0;Smart PV inverter, Smart PV Controller, Cascading, AFCI, Smart I-V Curve Diagnosis, dry contact scheduling, dry contact function, rapid shutdown



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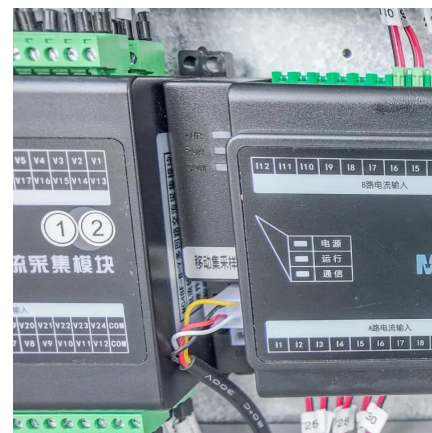


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Feb 2, 2024 · 3.5.3 Wall-Mounted Installation M8 or M10 expansion bolts can be used to fix the mounting bracket on the wall. (Note: No expansion bolt is supplied) Mounting Steps Step 1: ...



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