

Solar inverter installation completed





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 does a solar inverter work?

Solar inverters convert the direct current (DC) produced by solar panels into alternating current (AC), which powers your appliances. Inverters come in sizes ranging from 2.5kVA for residential setups to 40kVA for large-scale systems. As shown above, for this installation, we used 3 pieces of Felicity 10KVA inverters.

What should I know before installing a solar inverter?

Do not install the inverter outdoors in salt, sulfur, or other corrosive areas. Prevent the inverter from direct exposure to sun, rain and snow. The inverter should be well-ventilated. Ensure air circulation. Never install the inverter in living areas. The inverter will generate noise during operation, affecting daily life.

Can CSI solar inverter be installed under load?

CSI Solar Co., Ltd. DO NOT DISCONNECT UNDER LOAD! Do not install the inverter on structures constructed of flammable, thermolabile, or explosive materials. Ensure the inverter is out of children's reach. The ambient temperature should be between -30°C~ 60°C. The humidity of the installation location should be below 100% without condensation.



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