

# How to connect the display screen of the energy storage inverter

How do I connect the AC grid to the inverter?

Connecting the AC Grid to the Inverter

Use a five-wire cable for this connection.

The maximum wire size for the input terminal blocks is 16mm<sup>2</sup>. To connect the AC grid to the inverter via the DC Safety Unit: 1.

Turn OFF the following:

The inverter ON/OFF switch

The AC circuit breaker

The DC Safety Switch Unit 2.

How do I open the inverter cover?

**WARNING!** The inverter cover must be opened only after shutting off the inverter ON/OFF switch located at the bottom of the inverter. This disables the DC voltage inside the inverter. Wait five minutes before opening the cover. Otherwise, there is a risk of electric shock from energy stored in the capacitors.

Which MV inverters connect to the grid?

The MAX series, 50-80KTL3 LV inverters connect to the grid like following drawing 3.5, 60- 80KTL3 MV inverters connect to the grid like following drawing 3.6. 400V 0V4 230V 230V 230V 480V 80V 80V

How to wire an inverter to a power grid?

The output voltage of the AC side of the inverter is 400V, which is connected to the power grid through a transformer. The wiring method of AC side and grid side is as follows: Cut off the circuit breaker at AC side, to ensure that the AC wire connecting to terminals has no electricity. Confirm it with a multimeter.

How to wire a battery inverter?

Connect the copper nose at both ends of the wiring firmly to the "battery input +" end of the inverter and the positive pole of the battery. Tighten the bolts with a screwdriver or wrench. 8) Connect the "battery input -" end of the inverter to the negative pole of the battery by cable according to the method of step 7.

What happens when a PV inverter is off grid?

When there is no power grid or the DG is connected, the inverter will automatically switch to off grid mode. In off grid mode, when the PV energy is sufficient, the PV will power the load first and charge the battery. In off grid mode, when PV energy is insufficient, the battery will automatically discharge and supply the load.



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