

# How to use GoodWe photovoltaic inverter

How does a PV inverter work?

The inverter is a single-phase PV string grid-tied inverter, which converts the DC power generated by the PV module into AC power for loads or the grid. The intended use of the inverter is as follows: For the grid type with neutral wire, the N to ground voltage must be less than 10V. Start or stop DC input. Only for Australia.

What should I know before using the GoodWe ES series inverter?

GoodWe ES series inverter is designed for both indoor and outdoor use. Before using the inverter, please read all instructions and cautionary markings on the unit and this manual. Store the manual where it can be accessed easily.

How to connect a PV inverter to a DC cable?

Make sure that the max short circuit current and the max input voltage per MPPT are within the permissible range. Make sure that the positive pole of the PV string connects to the PV+ of the inverter. And the negative pole of the PV string connects to the PV- of the inverter. Connect the DC cables using the delivered PV connectors.

How to connect a PV string to an inverter?

Make sure that the positive pole of the PV string connects to the PV+ of the inverter. And the negative pole of the PV string connects to the PV- of the inverter. Connect the DC cables using the delivered PV connectors. The manufacturer shall not be liable for the damage if other connectors are used. The PV strings cannot be grounded.

What are GoodWe ES series Inverters (hybrid)?

Trouble shooting GoodWe ES series inverters (hybrid) are bidirectional which apply to PV system with battery to store energy.

How to set up a power switch on a PV inverter?

Tap Settings->Load Control to enter load control page and select the working mode. Working mode: Power Switch Mode, Time Mode and Backup Load Control Mode. Turn on or off the loads via PV Master app directly. Select Power Switch Mode and tap ON. Once the inverter receives ON command, the contactor will be connected and loads be powered on.

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