

Solar Energy South Africa

How to remotely shut down the photovoltaic inverter



Overview

Send a shutdown command on the SUN2000 app, SmartLogger, or management system. For details, see the user manual of the corresponding product. Do you need to shutdown an inverter remotely?

In many scenarios, the customers may have the requirement to shutdown the inverter remotely. They may need to shutdown the inverter by an external switch/third party controller, or to turn off the inverter remotely by setting on their phones and PC when they're not nearby the inverter.

How do I shutdown a Solax inverter?

Use the dry contact to shutdown the inverter. Set the shutdown on the SolaX Cloud APP or website. Use the Datahub1000 to shutdown the inverter. The following will introduce in detail how each method is used and the corresponding inverter model. For most inverters, there are two PINs (Dry contact) designed to fulfill the remote shutdown function.

How do I Shut my sun2000 inverter?

Run a shutdown command on the SUN2000 app, SmartLogger, or network management system (NMS). For details, see the user manual of the corresponding product. Turn off the AC switch between the inverter and the power grid. Set the three DC switches to OFF.

How do I shut down the inverter over ovgr signals?

The SmartLogger shuts down the inverter over OVGR signals. When setting this function, ensure that the user-defined DI port is not occupied. Otherwise, the setting will fail. Set dry contact remote shutdown parameters. Set the parameter to the DI port connected to OVGR signals. The value can be Open or Close.

Do PV systems need a remote shutdown function?

For example, North America requires PV systems to have a Rapid Shutdown

(RSD) function, Europe requires systems to have a remote shutdown function, for India, the Emergency Power off function is necessary. In addition, for responding to the changes of power grid, for example, in Netherlands, the grid could have the negative tariff.

What happens if a sun2000 inverter turns off?

After the inverter powers off, the remaining electricity and heat may still cause electric shocks and body burns. Therefore, put on personal protective equipment (PPE) and begin servicing the inverter fifteen minutes after power-off. Run a shutdown command on the SUN2000 app, SmartLogger, or network management system (NMS).

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[GoodWe Remote Shutdown Solution](#)

With remote shutdown function integrated in the inverter, it is safe and efficient to shut down the inverter or inverters in a distant spot by a switch for the sake of stability of grid and security of inverter. At the same ...

An Introduction to Inverters for Photovoltaic (PV) ...

How to Choose the Proper Solar Inverter for a PV Plant . In order to couple a solar inverter with a PV plant, it's important to check that a few parameters match among them. Once the photovoltaic string is designed, it's ...



[Remote Shutdown Solution](#)

There are 3 ways to remotely shutdown SolaX inverters: Use the dry contact to shutdown the inverter. Set the shutdown on the SolaX Cloud APP or website. Use the Datahub1000 to shutdown the inverter. The following will introduce in ...

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