

# Smart Photovoltaic Inverter English Instructions

Should I read this document before installing a photovoltaic (PV) inverter?

Read this document carefullybefore installing and operating the inverter. This document is intended for photovoltaic (PV) plant operators and qualified electricians. The symbols that may be found in this document are defined as follows.

#### How do you connect a solar inverter?

Connect the solar panel cables to the positive (red) and the negative (black) PV terminals. Secure the PV connections tightly. A tight connection will reduce the contact resistance as much as possible. Do not connect a battery or DC Power supply to the Solar connection. This will cause damage to the inverter. 3.2.3. AC output connection

#### Can I use other suppliers to power my PV inverter?

No. Terminals from other suppliers are not allowed because they may not be securely connected to the inverters, possibly burning the terminals. If terminals are lost, contact your agent or Huawei service center for replacements. PV inverters are unable to power on. 1.

## What are the configuration principles for different Inverter models?

The configuration principles for different inverter models are as follows: The PV strings connecting to the same MPPT should contain the same number and model of PV modules and optimizers. All PV modules in the two strings must have the same orientation and tilt angle. You are advised to use long strings instead of Y-shaped terminals.

### Do PV inverters need to be grounded?

PV inverters must be reliably grounded all the timethrough the grounding terminal on the enclosure. Unreliable grounding may cause inverter shutdown and malfunction, or even personal injury. If the WiFi antenna or DC, AC, communication, or ESS terminals are lost, can I purchase replacements from other supplies?

### How do I configure a victron inverter?

The inverter can be configured using the VictronConnect app. Connect using a smartphone or tablet via Bluetooth or using a computer via USB and a VE.Direct to USB interface). o Settings may only be changed by a qualified engineer. o Carefully read the instructions before changes are made. 4.1. AC output voltage and frequency



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