



Photovoltaic Inverter Troubleshooting Manual

What is the Aurora photovoltaic inverter installation and operator's manual?

Installation and Operator's Manual Page 10 of 108 (PVI-3.0/3.6/4.2-OUTD-x-US Rev: 2.1) FOREWORD This document contains a technical description of the Aurora Photovoltaic Inverter which provides the installer and user with the information required for its installation, operation, and use.

How many inverters can a photovoltaic system handle?

The AURORA is capable of handling 2 separate arrays. If the output of photovoltaic system exceeds the capacity of a single inverter, additional Aurora inverters can be added to the system; each inverter will be connected to an adequate section of the photovoltaic field on the DC side and to the grid on the AC side.

How do I install a PV inverter?

Please read the user manual prior to inverter site selection and installation. Connect the RS485 cable to the communication port. Switch the grid supply main Switch (AC) ON first. Switch the DC switch ON. If the voltages of PV arrays are higher than start up voltage, the inverter will turn on. The red LED power will be continuously lit.

What if I don't understand the manual when operating the inverter?

Please read the manual carefully when operating the inverter. If you do not understand "Danger", "Warning", "Caution"; and the description in the manual, please contact the manufacturer or service agent before installing and operating the inverter.

How do I start a photovoltaic panel?

The start-up procedure is as follows: 1) Set the external DC disconnect, if present, (for the photovoltaic panels) to ON 2) Set the external AC disconnect (for the grid) to ON. Page 50 Installation and Operator's Manual Page 50 of 108 (PVI-3.0/3.6/4.2-OUTD-x-US Rev: 2.1) are found to be within the specified range.

What do the LEDs on a PVI inverter mean?

Installation and Operator's Manual Page 56 of 108 (PVI-3.0/3.6/4.2-OUTD-x-US Rev: 2.1) LED indicators There are three LEDs at the side of the display: the first LED from the left (POWER) indicates proper operation of the inverter, the LED in the middle (FAULT) indicates a fault condition, whereas the LED on the right (GFI) indicates a ground fault.

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