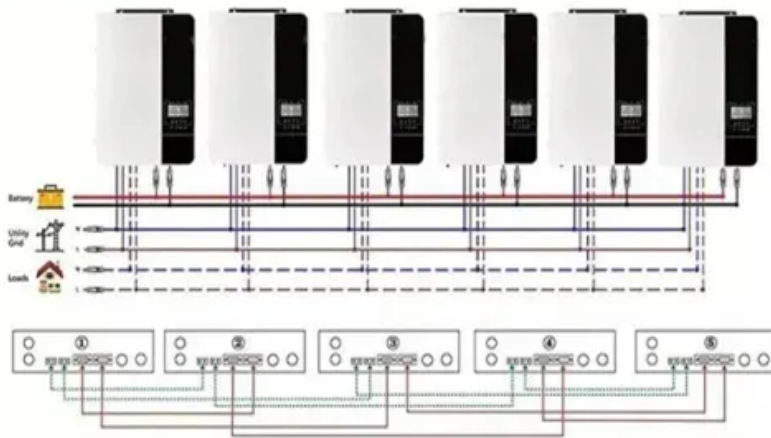


Solar Energy South Africa

Xantrex PV Inverter

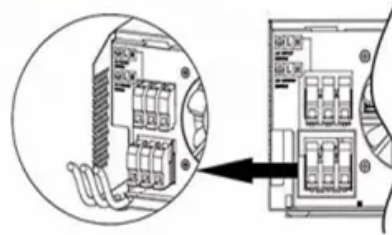
Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires



AC output wires



Overview

What is a Xantrex solar inverter?

Solar Inverters Standard 10-year warranty The Xantrex™ Grid Tie Solar Inverter (GT Series) is designed to convert photovoltaic (PV) electricity produced by solar modules into utility-grade power that can be used by the ho.

What is Xantrex XW inverter/charger?

Consult your local certified installer or local electrical authority to ensure compliance. The Xantrex XW Inverter/Charger is a modular “building block” sine-wave inverter/charger that can be used for both residential and commercial stand-alone, grid-backup, and grid-tie applications with battery energy storage.

Are Xantrex inverters reliable?

Xantrex inverters are efficient and reliable devices that come in a variety of sizes and power ranges to meet just about any power need. We offer portable models designed for light AC loads such as small television sets and high powered hardware units that provide electricity for larger vehicles and boats.

How do you connect a Xantrex XW inverter to a battery?

Install a DC fuse and disconnect switch or a DC circuit breaker between the inverter/charger and the battery. They must be installed in the positive side of the DC circuit, as close as possible to the battery. See Figure 2-9, “Xantrex XW Inverter/Charger DC Connections” on page 2-16.

Does Xantrex XW inverter/charger switch or disconnect AC neutral?

The Xantrex XW Inverter/Charger does not switch or disconnect the AC neutral in any mode of operation, so even in invert (back-up) mode, the inverter load sub-panel neutral is bonded to ground by the utility grid system. It must not be grounded again in the inverter load sub-panel.

How many Xantrex XW inverters do I Need?

One inverter per phase is required, and up to two inverters can be connected in parallel on each phase. A Battery Temperature Sensor (Part Number 808-0232-02) is included with the Xantrex XW Inverter/Charger. The Battery Temperature Sensor monitors the temperature of the battery bank and adjusts the charging accordingly.

Xantrex PV Inverter



Troubleshooting Xantrex Inverter Fault Codes: A

It's essential to consult your Xantrex inverter's user manual to understand the complete list of fault codes specific to your model. Step-by-Step Troubleshooting Process for Xantrex Inverter Fault Codes. When faced with a ...

[Schneider Electric / Xantrex](#)

The Xantrex XW series hybrid inverter / charger offers an innovative, integrated design which minimizes external balance-of-system components. This allows for a much quicker and easier installation. The XW4024, XW4548 and XW6048 ...



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<https://ian-solar.co.za>