



SunWize Grid-Tie Systems

The Ideal Solution for Residential and Business Applications



A SunWize 2280 watt system supplies a portion of this home's total electrical needs

A SunWize Grid-Tie System includes everything you need:

- **Solar Modules**
- **SunWize Power Center** including:
 - Inverter with LCD Meter
 - AC/DC Disconnect Switches
 - Optional kWh Electric Meter
- **Complete Documentation** including engineered drawings, specifications, installation guide and operation manual

SunWize Grid-Tie Systems offer Sharp and Sanyo modules and a variety of UL listed inverters to provide reliable power. Multiple systems can be installed for higher power output and systems may also be expanded in the future as budget or electrical requirements grow. Every component needed for a successful installation is included in the system. In addition to inverters and modules, each SunWize Grid-Tie System includes UniRac® Solar Mount™ mounting hardware, cables, and all necessary hardware and electrical components. The home-run wiring from the solar array to the main panel is supplied by the installer.

SunWize Grid-Tie Systems are easily installed on any type of composition or tile roof. The mounts securely attach the array to the building in compliance with US building codes. An optional, utility-grade kWh meter and systems without mounting structures are also available.

All SunWize Grid-Tie Systems include complete documentation, an installation guide and operation manual. All modules carry a minimum 20-year warranty on power output, and inverters carry a 5-year warranty.

NOTE: Only experienced solar energy dealers or electrical contractors should install SunWize Grid-Tie Systems.



A SunWize 4560 watt system using Sanyo solar modules

SunWize supplies all the necessary components to perform the installation in an NEC compliant manner.



The 1140 watt system shown above was installed by a crew of three in less than a day.



SunWize Grid-Tie Systems – The Ideal Solution for Grid-Tie Applications

SunWize Grid-Tie Systems allow you to choose either Sanyo or Sharp solar modules and select from a variety of inverters. Your Grid-Tie System will include:

1. Either Sanyo® 200W solar modules or Sharp® solar modules including the 167W, 175W AND 208W. All modules are supplied with "MC" interconnects.
2. UniRac® SolarMount™ code-compliant flush PV mounting structure including rail set with L-feet, top-clamps and splice kits.
3. Pre-wired SunWize Power Center (except for the Xantrex GT) for the grid-tie inverter consisting of an aluminum back panel, NEMA 3R, AC and DC disconnect switches and an optional cumulative kWh utility-grade meter. The Power Center is designed to facilitate easy on-site installation of the inverter.
4. One of the following grid-tie inverters: • Xantrex GT • Fronius • SMA
5. Wiring – Includes #10 AWG MC interconnect extension cords and wire clips, PV grounding system, PV fused combiner (where applicable), and array wiring pull boxes. The home-run wiring from the solar array to the main panel is supplied by the installer.
6. Documentation - Includes electrical drawings, data sheets, warranties, installation instructions and owner's manual.



A SunWize 2100 watt system using Sharp 175W modules. All SunWize Grid-Tie Systems feature mounting frames designed for top-down installation

SunWize Grid-Tie Systems are easily installed on any type of composition or tile roof



ISI Solar

SunWize Grid-Tie Systems offer a variety of inverters. The SMA and Fronius inverters are field mounted on a pre-wired SunWize Power Center.



Xantrex GT 3.0 Inverter



Power Center with Fronius Inverter



Power Center with SMA Inverter