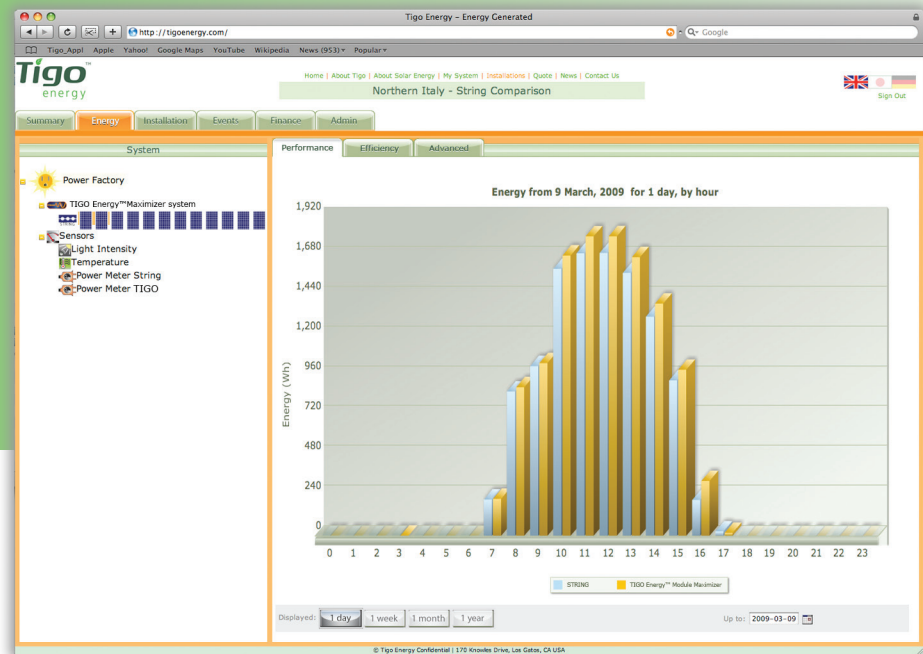




Tigo Energy® MaxiManager™ Software

Data Sheet

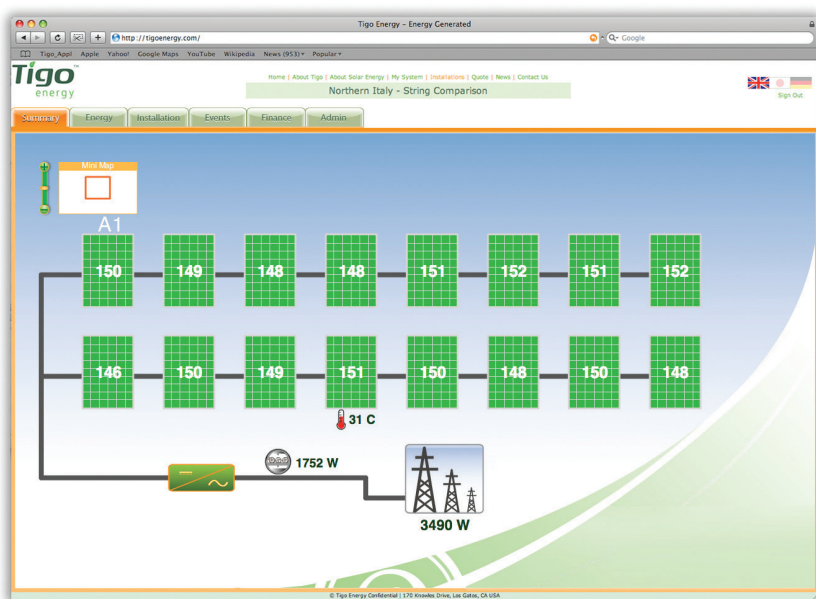


The Tigo Energy® Maximizer™ System accelerates PV project payback and lowers the cost of generating solar energy. The system increases power harvest by implementing localized MPPT at each module (solar panel), monitors at the module level for additional operational efficiencies, and greatly improves system safety. As a key component of the system, the Tigo Energy MaxiManager software manages the entire PV array so that if problems occur, they can be addressed immediately. System analytics track performance relative to expectations and proactively suggest maintenance actions to keep the system operating at maximum production and uptime. The MaxiManager console allows modules to be powered off individually for maintenance and for safety in case of a fire hazard.

Improved Opex through MaxiManager software applications

Tigo Energy MaxiManager software gives the system owner unprecedented access to the module level for performance monitoring and analytics. User-configurable interfaces enable views of power output and energy usage in near real time, allowing the user to more efficiently allocate their energy usage and production, either through load-shifting or energy conservation. The MaxiManager software creates customized reports for historical data to enable the system owner to see trends in energy generation during different times of the year and varying weather conditions. The MaxiManager applications can be accessed through a secure site via any web-enabled computer, so even when the system owner is not on site they can instantly view their system status. The software control algorithms ensure that the system runs at maximum uptime while alerting the operator to any specific events that may lead to maintenance actions. Prior to each scheduled maintenance visit, the project owner will receive a specific report so that actions are targeted and unnecessary cleaning or testing is avoided.





Improved Disconnect Safety through PV-Safe™ (patented)

During everyday operation, commercial rooftop solar is an extremely safe and reliable technology. As with any electricity system, in the event of roof-top maintenance or a fire emergency, it is important that the system can be deactivated. Today's solar PV systems can be disconnected from the grid, but if the sun is shining there will still be high-voltage (usually in excess of 480V) through the modules. This can pose an unexpected danger to those working or fire fighting on a building with solar. The Tigo Energy Maximizer system includes a unique technology, PV-Safe (patented) which enables each module to be electrically removed from the high voltage DC cabling. This function can be activated with an onsite safety button or via the MaxiManager software.

Customizable views for lobby display or sharing over the web

Share your commitment to clean energy and greenhouse gas emission reduction by sharing the installation and summary view with customers in a user-friendly format. The pictures and data help people who are new to solar understand the value of solar energy and how it contributes to reducing your carbon footprint.

Start Saving today with Tigo Energy Maximizer System

Ask your installer about the Tigo Energy system as a part of your new or retrofit PV project. The technology is available from leading installers for little or no premium over traditional systems. You can begin enjoying MORE financial benefits from your solar the day it is grid-tied. Get Tigo Energy and get MORE!



Tigo Energy, Inc.
 P: +1.408.364.0150 | F: +1.408.364.0160
 420 Blossom Hill Road, Los Gatos, CA 95032 U.S.A.
www.tigoenergy.com
contact@tigoenergy.com

MaxiManager Benefits to System Operators and Owners:

- Monitoring and alerts to keep the system at maximum uptime
- View system performance securely from any web-enabled browser
- Remote control of modules for safety
- Revenue-grade accuracy, with 1-second data from the module level
- Manage all installations from one console
- Consolidated system faults and alerts on one page for easy reference
- Automated reports show historical data and allow for energy efficiency planning
- Ensure warranties are upheld through system management tools
- View onsite weather data for understanding of real-time conditions
- Module theft detection alert for remote or unattended systems