



Optimize Your Residential PV System with Tigo Energy

You've decided to buy a Solar PV system – whether it is to “go green” or to save on your energy bills, you want to be sure to get the most from your investment. With a Tigo Energy Maximizer system, you can be assured you are getting much MORE.

More Energy ...

Because of the way solar modules (panels) are connected and managed in a traditional installation, a weak module will have a large negative effect on the entire system. Uneven module aging, slightly different module orientation and module temperature differences caused by uneven air circulation can all lead to lower than expected output over time. A module with bird droppings is not only producing less energy but also dragging down the output of the other modules.

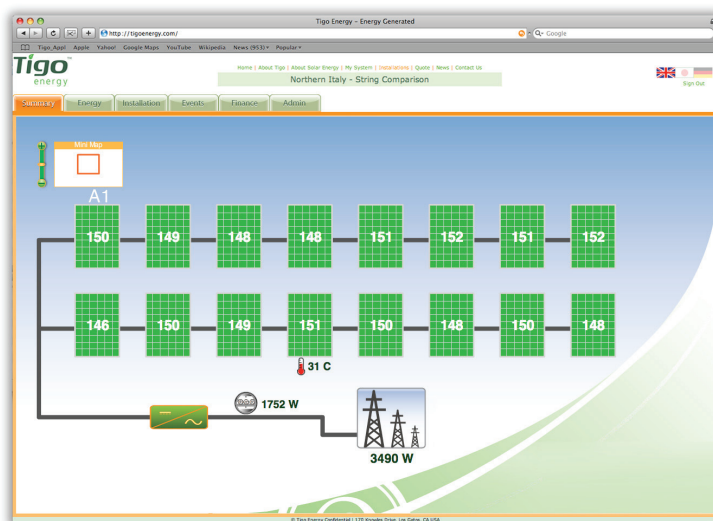
And if a module is slightly more soiled or shaded it may turn off altogether.

The Tigo Energy Maximizer System (patented) treats each module as a separate power source, ensuring each delivers the maximum energy possible, unaffected by weaker modules in the system.

This can result in 8 to 20% more energy output from your solar project, reducing your electric bill and payback time. If you've been told your home isn't a good candidate for solar because of its orientation or excessive shade ... ask again, Tigo Energy system may change the equation.

More Visibility ...

With conventional monitoring systems today's solar owners may know how much energy has been produced, but really have no visibility into what is happening on the roof. Are all the modules working? Did I get less output this month simply because of clouds, shade, dust or something more troubling? The Tigo Energy system comes with revolutionary new web based management tools that lets you see the performance of each individual component in the system (including every module), immediately alerts you of unexpected system shutdown, and gives proactive suggestions for keeping your system at peak efficiency.

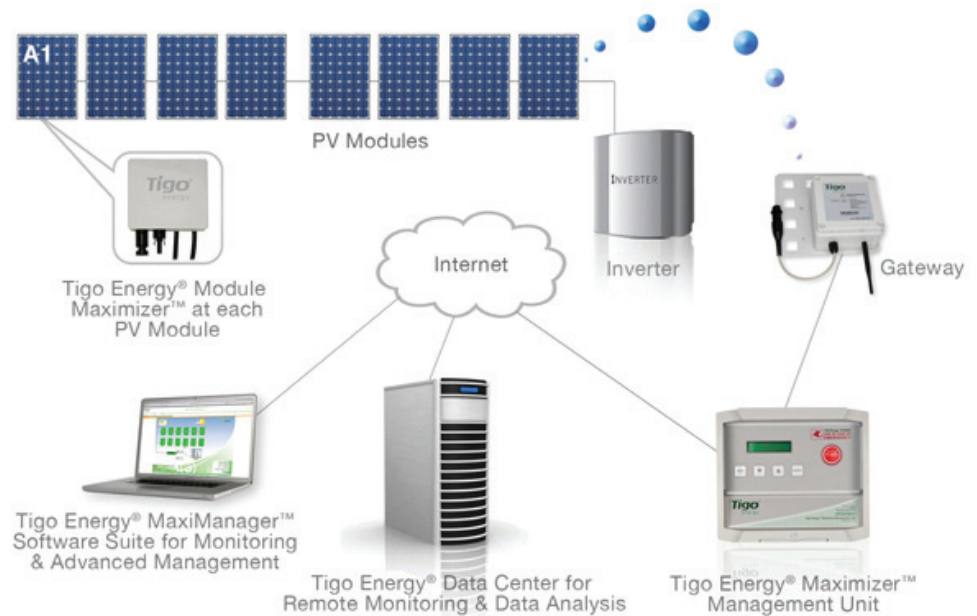


No more guessing.

More Safety ...

During everyday operation residential solar is an extremely safe and reliable technology. But 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 they can still be generating high-voltage (usually in excess of 400V) through the modules.

This can pose an unexpected danger to those working or fire fighting on a home with solar. The Tigo Energy Maximizer system includes a unique technology (patented) which enables each module to be electrically removed from the high voltage DC cabling. This function can be activated with a safety button or via a remote management console.



You can enjoy more financial benefits from your solar the day it is installed. Get Tigo Energy Maximizer and get more!

Ask your installer about the Tigo Energy Maximizer system as part of your new residential Installation or as an upgrade to your existing system. The technology is available from leading installers for little or no premium over traditional systems.

Tigo Energy Americas (Headquarters)

Phone: +1.408.402.0802
Fax: +1.408.358.6279
420 Blossom Hill Road
Los Gatos, California
95032, USA
contact@tigoenergy.com

Tigo Energy Europe

Munich, Germany
contact.europe@tigoenergy.com

Tigo Energy Japan

Osaka, Japan
contact.japan@tigoenergy.com

Tigo Energy Israel

Kfar Saba, Israel
contact.israel@tigoenergy.com

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