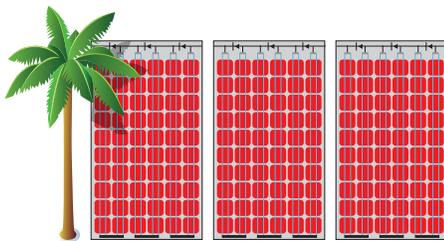
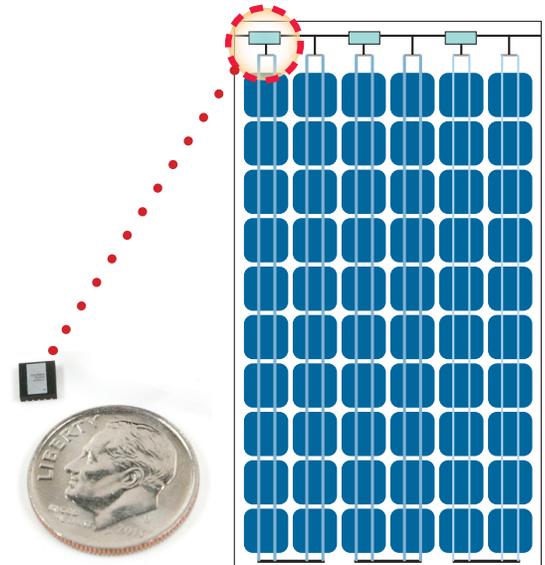


A SOLAR HEADACHE FOR DECADES, FINALLY SOLVED

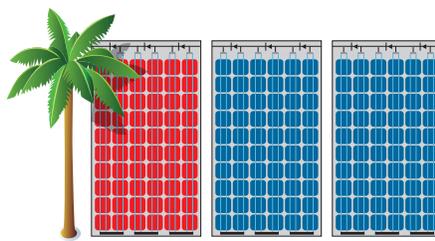
Introducing advanced PV modules with next generation shade tolerance — making you more competitive in residential solar

Micro-inverters and DC Optimizers were a good start — but we've taken performance to a whole new level.

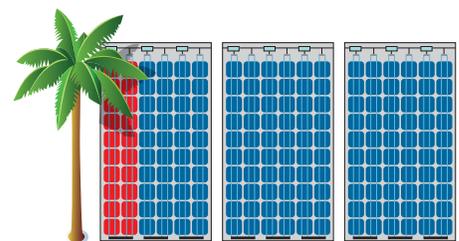
Panel optimizers are the traditional answer to shade and soil, but they're costly and time-consuming to install; with their boxes and network communication, you have to bid higher just to stay in the game. They still use bypass diodes, which can also cause early module burnout. And frankly, their "optimization" misses the mark. The result: lost profits and unsatisfied customers.



Unoptimized: Sinks to the level of the weakest module



Panel Optimization: Shaded modules underperform



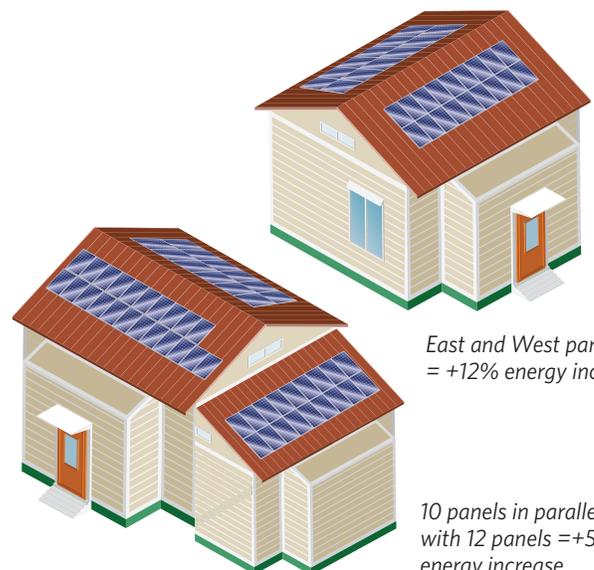
Maxim Cell-String Optimization: Harvest all available energy to the cell-string level

Power from every cell string, in every condition

Our new, cell-string, in-module DC optimizers can help you win more rooftops. For the first time, every cell string can harvest energy even from shaded, soiled, or snowed-on cell strings. So customers enjoy reliable power production, even when conditions change.

Keep your options open

Mix and match panel orientations, module power ratings, and more. You can even use unequal string lengths in parallel, without losing energy.



East and West panels = +12% energy increase

10 panels in parallel with 12 panels = +5% energy increase



Built right in to save time

This new single-chip solution is so small, it's built into every Maxim-enabled module. There's no additional hardware or boxes to bolt on at the installation site. With all the time you save, you can install more projects and keep more customers satisfied. Plus, this streamlined installation process means bid prices can come down without affecting your bottom line, so you'll win more jobs.



Gateways, boxes, networking, and issues with inverters are all history.

Simple and solid

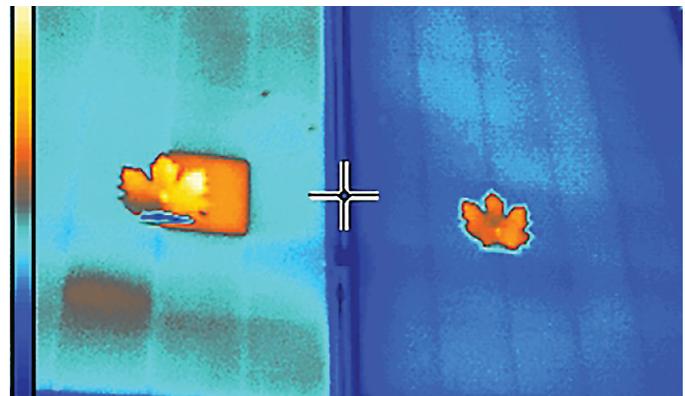
This new chip is far more reliable than the hundreds of discrete components used in panel optimizers. Conventional bypass diodes are not up to the task either. By replacing bypass diodes in the module, hot spots are eliminated and long-term degradation at both the system and module level is reduced.

Optimize costs, too

Stop paying for quick disconnect and monitoring where you don't even need it. And, where you do, you'll have a wide range of affordable, compatible options. You can also choose the inverter that gives you the best solution and price point. Maxim delivers a more optimal system solution at significantly lower costs than micro-inverters and today's DC Optimizer solutions so you can bid more competitively, yet show a stronger profit.

When customers harvest more energy, you win

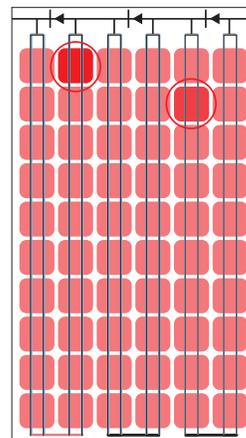
Specify Maxim-enabled modules from your distributor. You'll get faster, simpler installs, happier customers, and more referrals. Remember, it's not optimized unless it's Maxim-ized. Learn more at maximintegrated.com/solar.



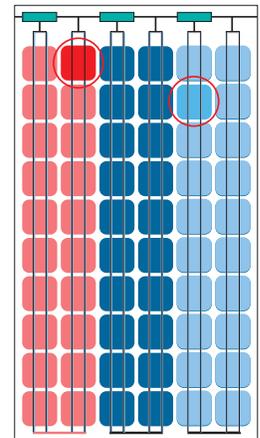
Conventional Module

Maxim-Enabled Module

Eliminate hot spots with Maxim enabled modules.



Conventional Module



Maxim-Enabled Module

Cell-string optimization limits the impact of worst cells to their sub-string, minimizing power degradation over the life of the panel.



160 Rio Robles, San Jose, CA 95134
 (408) 601-1000
www.maximintegrated.com