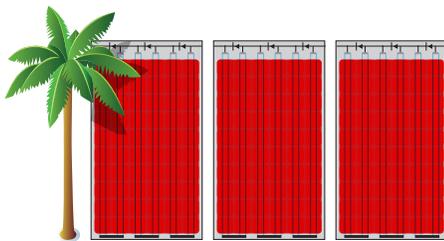
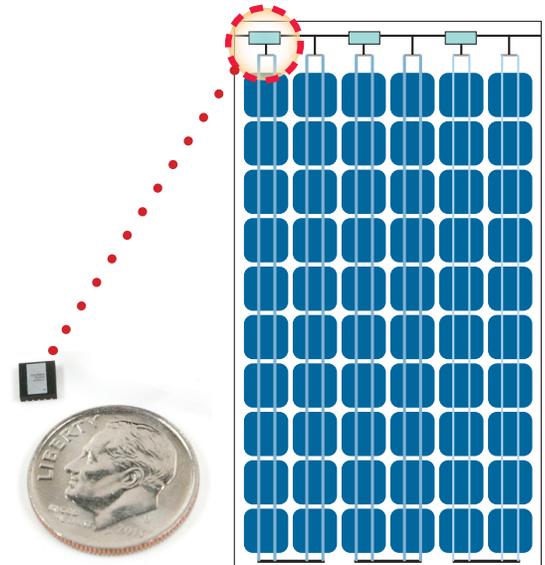


A SOLAR HEADACHE FOR DECADES, FINALLY SOLVED

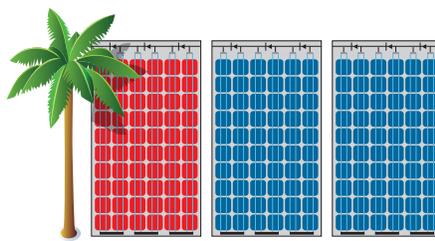
Replace outdated bypass diodes with a new kind of technology, for a better module that wins more residential bids.

No one likes bypass diodes—so we started from scratch

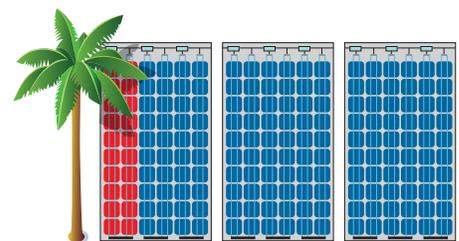
First-generation optimizers are the traditional answer to shade and soil, but they're costly and time-consuming to install; with their boxes and network communication, you have to bid higher just to stay in the game. They still use bypass diodes, which can also cause early module burnout. And frankly,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



Unoptimized: Sinks to the level of the weakest module



Primitive Optimization: Shaded cell strings are still bypassed



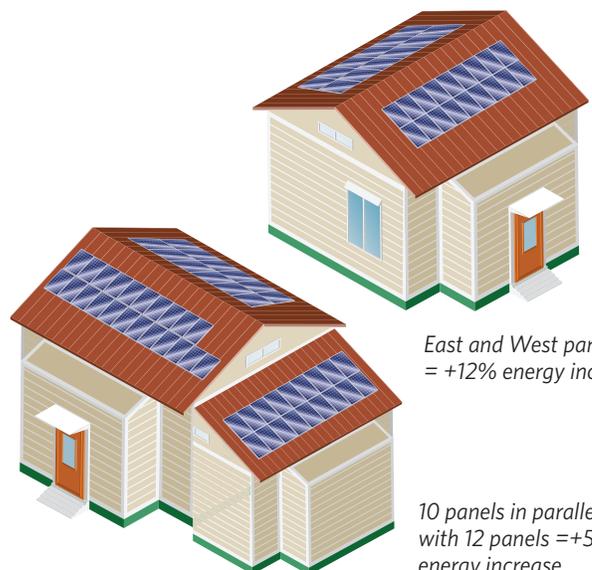
Maxim-Enabled Optimization: Harvest all available energy to the cell level

Power from every cell string, in every condition

Our new, second-generation, 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.



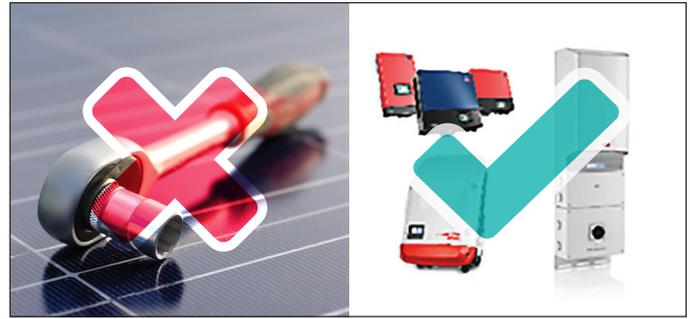
East and West panels = +12% energy increase

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



Built right in to save time

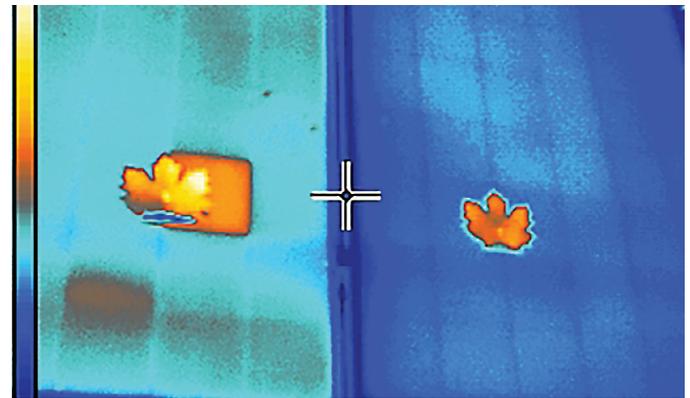
This new single-chip solution is so small, it's built into every Maxim-enabled module. There's no additional hardware or boxes to bolt on at the installation site. With all the time you save, you can install more projects and keep more customers satisfied. Plus, this streamlined installation process 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 first generation 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.



Conventional Panel

Maxim-Enabled Panel

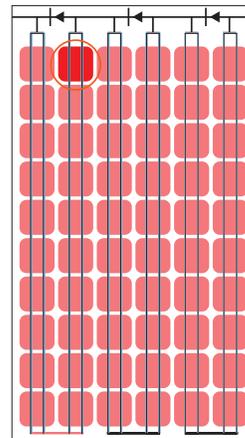
Eliminate hot spots with Maxim enabled modules.

Optimize costs, too

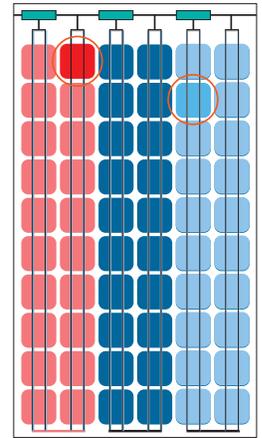
Stop paying for quick disconnect and monitoring where you don't even need it. And, where you do, you'll have a wide range of affordable, compatible options. You can also choose the inverter that gives you the best solution and price point. So you can bid more competitively, yet show a stronger profit.

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 Panel
Worst degraded cell
determines panel power.*



*Maxim-Enabled Panel
Cell-string optimization
limits the impact of worst
cells to their substring.*



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