



HIT[®] performs better on hot days

In summer, a solar panel's surface can reach over 50°F above outdoor temperatures and hotter than 150°F. One of the best ways to maximize the return on your solar investment is by installing solar panels that produce energy effectively at high temperatures. That's why it is essential to scrutinize a panel's temperature coefficient.

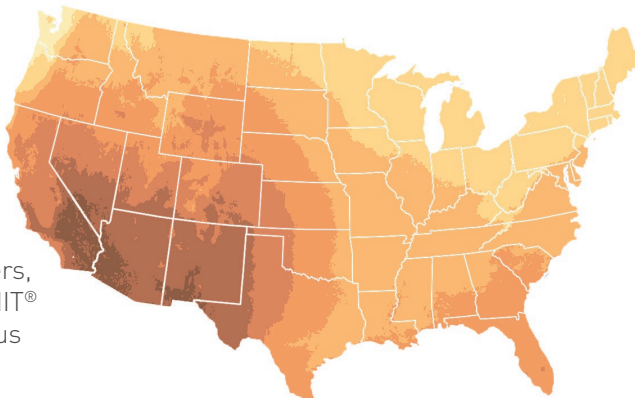


Patented HIT[®] technology retains and produces more solar power under high temperatures.



Sunny days are hot days

While some locales get hotter than others, every hot day with HIT[®] technology is a bonus energy day.



Temperature coefficient

Possibly the most important specification to consider when comparing solar panels.



What it is

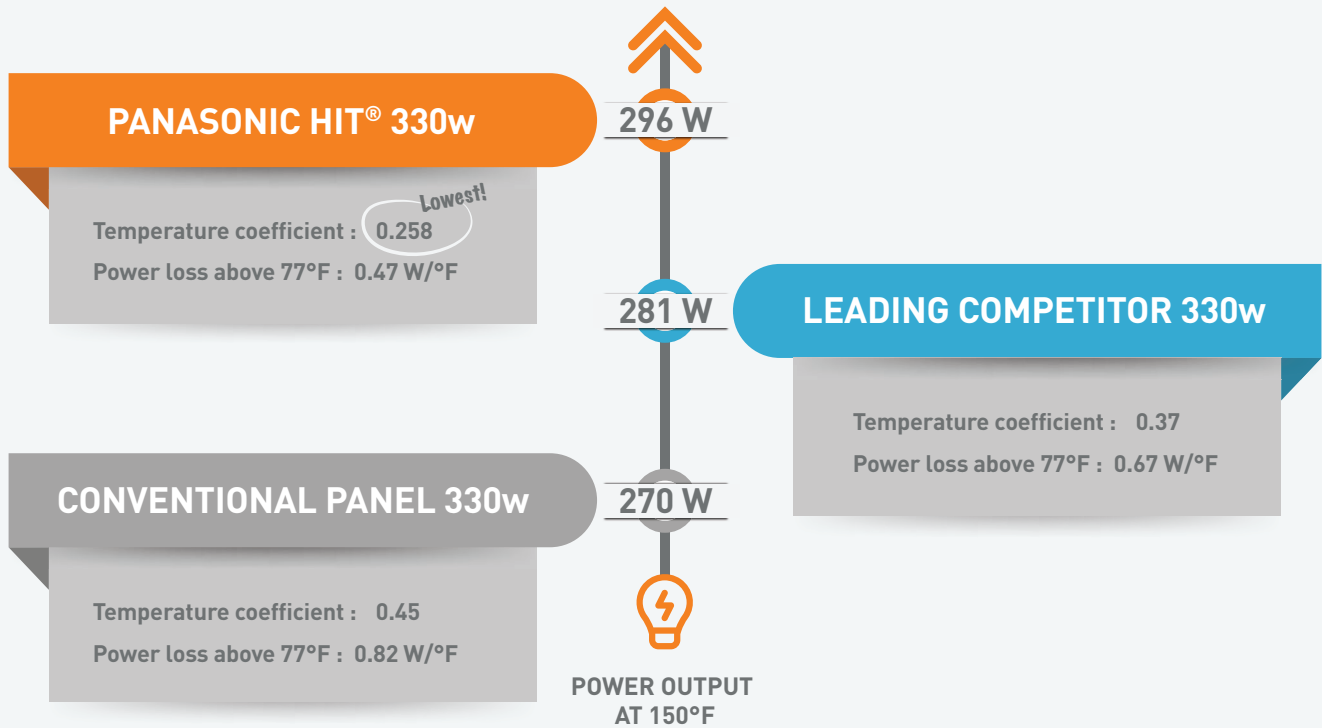
Solar panels need ample sun to produce sufficient electricity for your home. Yet, an illogical twist holds true: as outdoor temperatures rise solar panels actually lose power output. This power loss is measured by temperature coefficient.



Why it's important

Along with module efficiency, temperature coefficient is one of the most important specifications to compare when shopping for solar panels. Why? Panels with a lower temperature coefficient experience a lower power loss and deliver higher power output in high temperatures.

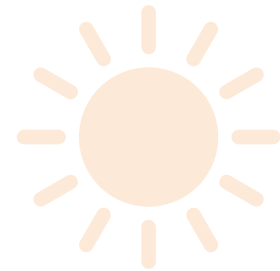
NOT ALL SOLAR PANELS ARE CREATED EQUAL



As shown above, conventional panels lose as much as 0.82 watt for every degree above 77°F. Panasonic HIT® panels see less than half a watt reduction.



Power loss is a hot issue



FACT:

Solar panels lose power when panel temperature exceeds 77°F. Are your solar panels summer-ready?

na.panasonic.com/us/solarpanels

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