



YOUR FIRST STEP IN THE RIGHT DIRECTION

Converting to solar energy is a big step. The selection of solar panels to choose from today can be daunting. Working closely with your installer, we want to make the transition as easy as possible for you.

WHY PANASONIC?

You probably know Panasonic as a consumer electronics leader. Did you also know that we've been a solar pioneer since the green revolution began? We started developing promising renewable energy solutions over 40 years ago, and have amassed over 150 solar industry patents to date. It began with the research and development of amorphous silicon solar cells in 1975. In 1997, our innovative solar panel HIT[®] introduced high-efficiency panels to the world, setting the industry standard for conversion efficiency. Satisfied customers worldwide have come to trust and rely on Panasonic quality ever since.

BUILT AND GUARANTEED FOR THE LONG HAUL

The Highest Testing Standards

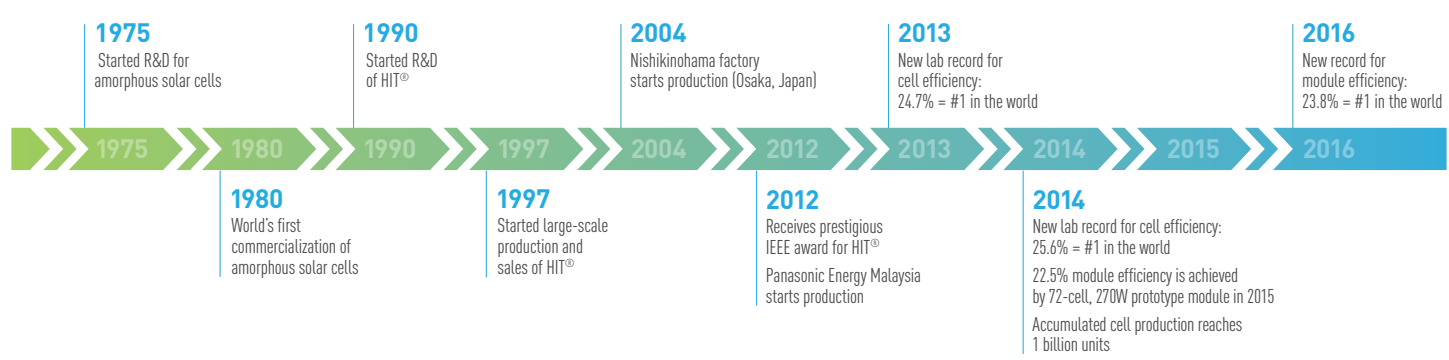
Merely good is not good enough for us, or for you. Rigid performance testing under all conditions helps us guarantee you decades of safe, efficient operation. That's why we demand our testing criteria be more stringent than "acceptable" industry standards. In fact, our testing protocol demands that we perform 20 additional tests beyond those mandated by current standards.

Quality and reliability are in our DNA

Panasonic began mass production of HIT[®] panels back in 1997, with an amazingly low failure rate of 0.01%* through 2016. That's because we keep complete control over the production process. No 3rd party suppliers are utilized. What's more, our 15-year workmanship and 25-year output warranties give you ironclad peace of mind that you've made the very best solar investment. With Panasonic, you can relax knowing that the solar panels you're choosing are backed by the stability and financial strength of a \$70 billion Fortune 500 company, and a name you can trust.

*based on panels shipped outside of Japan between 2003 and January 2016.

PANASONIC SOLAR PANELS – TIMELINE



HIT[®] PERFORMANCE RECORDS FOR CONVERSION EFFICIENCY



*Research level results from the National Institute of Advanced Industrial Science and Technology (AIST)



EMPOWER YOUR HOME

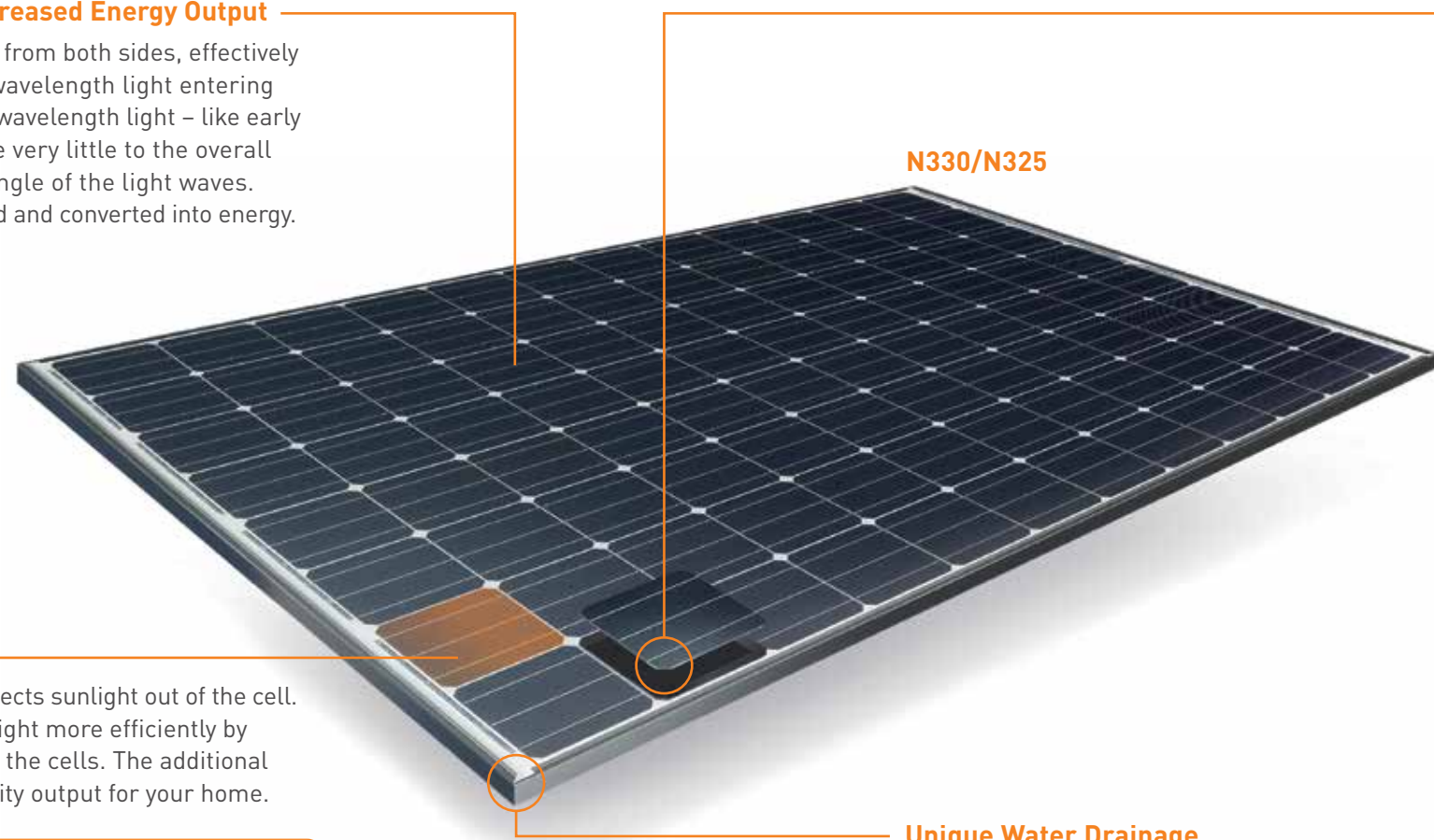
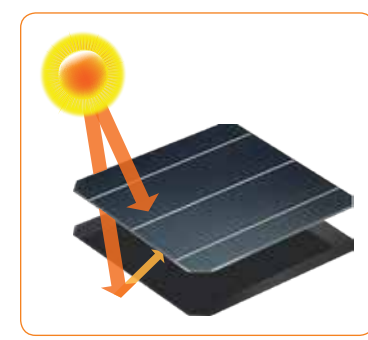
Reliable, Affordable, Responsible Energy. From the Brand You Trust.



TURN YOUR HOME INTO A POWERHOUSE – THE HIT® ADVANTAGE

Advanced Bifacial Cell Designed for Increased Energy Output

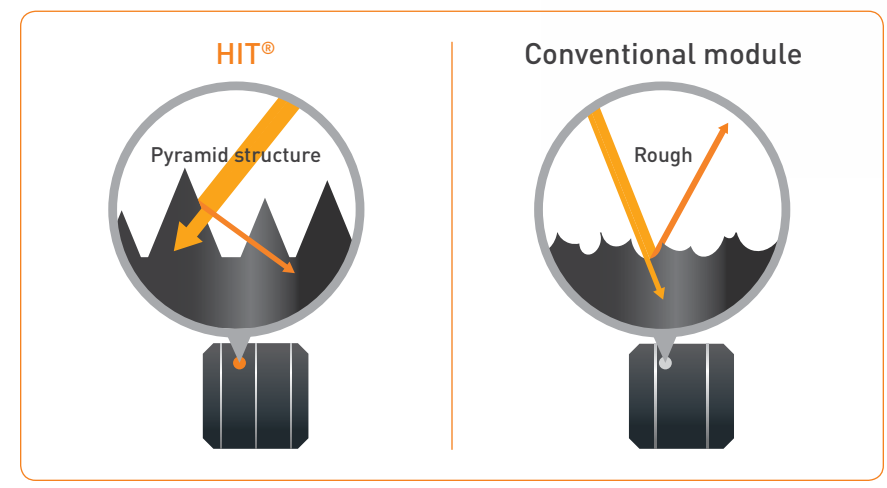
The ingenious bifacial cell generates energy from both sides, effectively capturing both short wavelength and long wavelength light entering the panel. Typically, more diffuse, or longer wavelength light – like early morning or late day light – would contribute very little to the overall energy production of the panel due to the angle of the light waves. With Panasonic panels, more light is captured and converted into energy.



N330/N325

Original Pyramid Structure

The rough surface of conventional panels reflects sunlight out of the cell. Our unique pyramid structure captures sunlight more efficiently by reducing reflection and directing light inside the cells. The additional sunlight absorption generates more electricity output for your home.



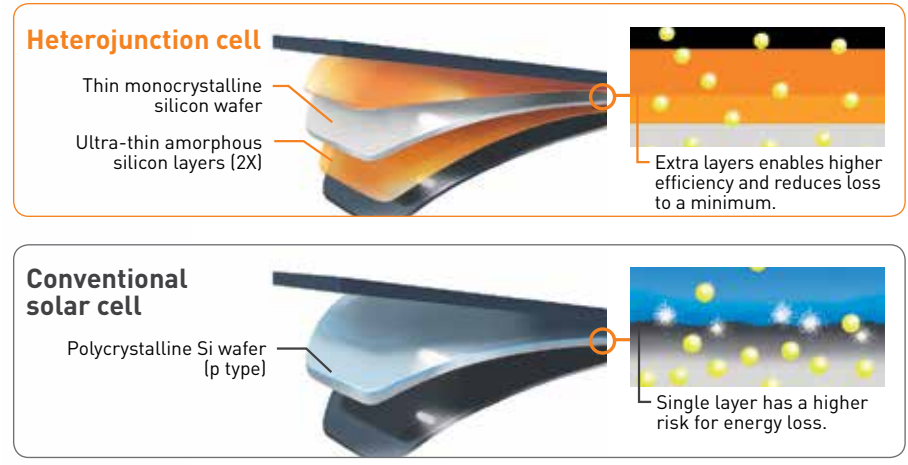
Unique Water Drainage

The water drainage system prevents rain water accumulation and eliminates water stains from the panel surface.



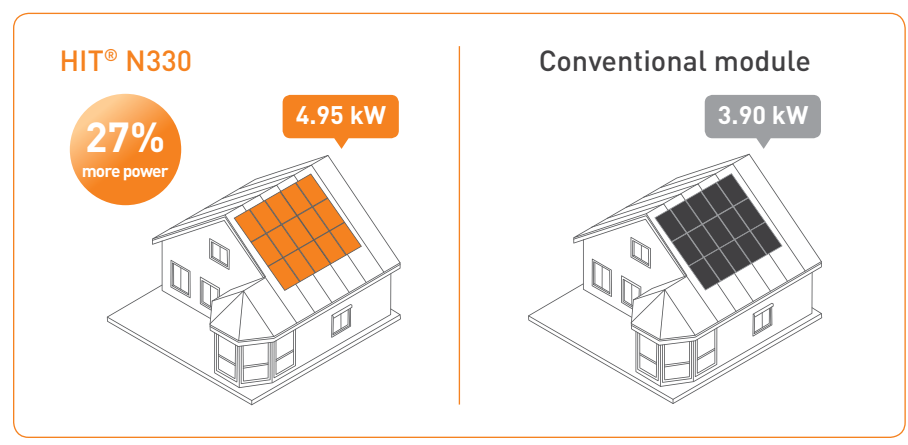
State-of-the-Art Heterojunction Technology

Our unique cell structure uses ultra-thin amorphous silicon layers. These thin dual layers reduce carrier loss, resulting in higher energy output than conventional panels.



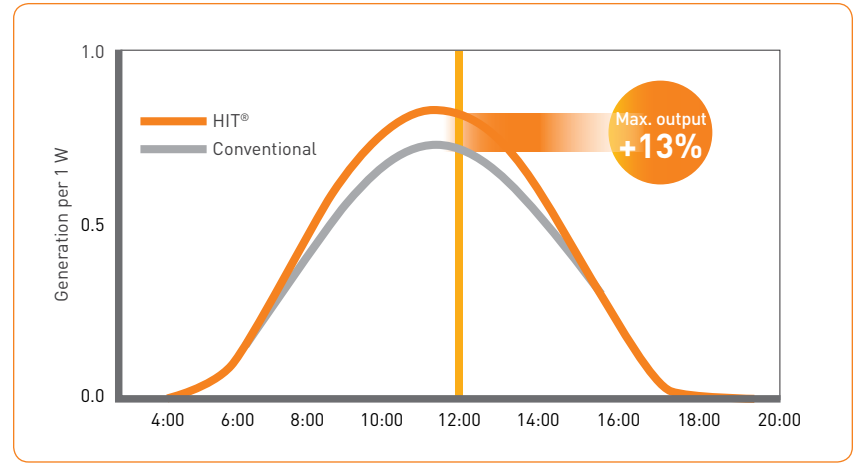
Ultra Efficient Space-saving Design

Our space-saving N330 and N325 panels set the standard for long-term conversion efficiency. They employ 96 cells in the same size footprint as standard 60-cell panels. That means more output per square foot and fewer panels to install, making HIT® ideal for smaller roofs too.



High-efficiency at High Temperatures

As temperatures increase, solar panels often sputter and go weak. Thanks to our unique cell structure, Panasonic HIT® continues to perform at high levels throughout the year.



Up to 36% More Electricity Output

Conversion efficiency is the key when comparing solar panels. Using ultra-thin amorphous silicon layers, Panasonic HIT® absorbs and retains more sunlight, producing up to 36% more electricity than conventional panels.

