



**Panasonic**

# **SOLAR + STORAGE + YOU**

The total home energy system

**HIT**  
Photovoltaic Module

**EverVolt**™



# THE TOTAL HOME ENERGY SYSTEM



A home solar purchase is a big investment and a smart one. Let's make sure you do it right. With the Panasonic total home energy system you can:

- Produce & store your own renewable energy with zero emissions
- Decrease your carbon footprint
- Reduce grid reliance
- Save money year after year

## A home solar system you can bank on

A smart solar investment will provide your family with sustainable electricity and energy savings for decades. That's why a trusted relationship with your system manufacturer should be given careful consideration. Working closely with your installer we're here to support you through every phase of ownership.

## Going solar with one of America's most trusted brands

- 101 years in business (founded 1918)
- 44 years' experience in solar power R&D
- Solar pioneer with over 200 solar patents
- Diversified portfolio of integrated solutions
- Member, Fortune World's Most Admired

## Solar + Storage + You

Panasonic HIT® solar panels produce an abundance of electricity while the sun shines. Panasonic EverVolt™ battery storage system collects and stores surplus energy your panels generate during the day for instant access during peak hours and grid outages. Get one step closer to grid independence with the Panasonic total home solar system.

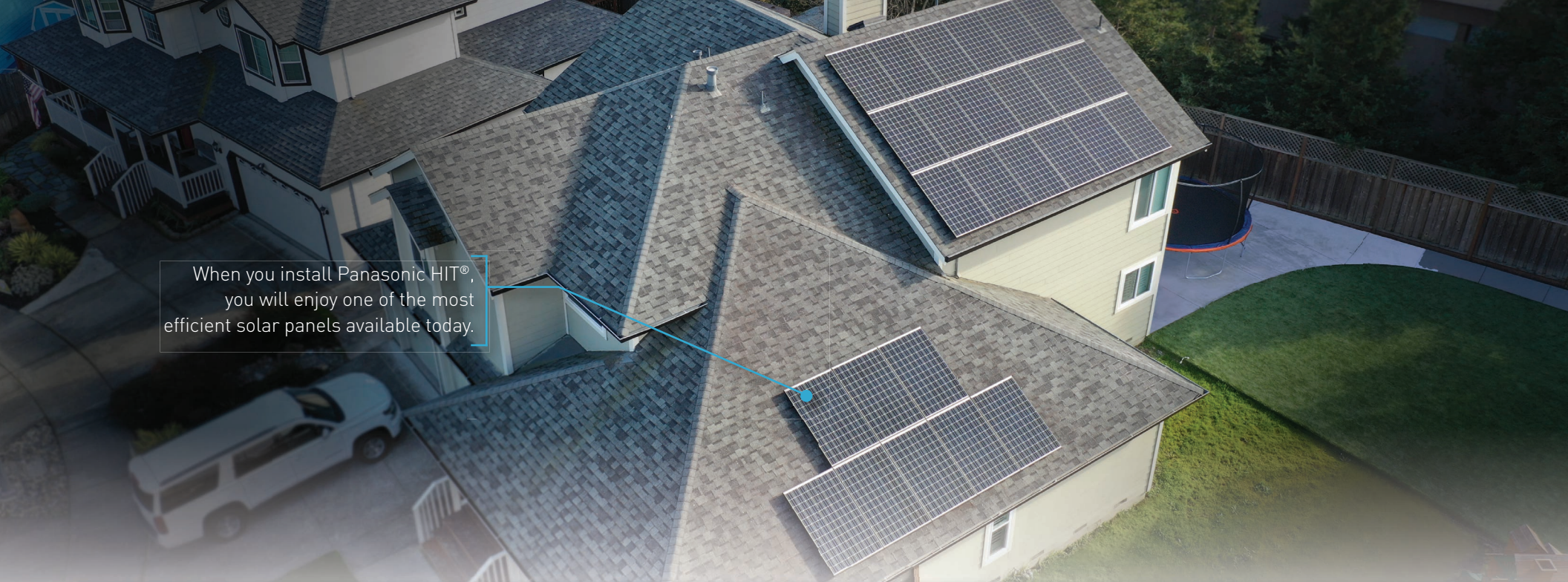


## From dream home to power house with EverVolt™ battery storage

EverVolt™ battery storage system lets you tap into your private energy reservoir when you need it most. Stay prepared and independent, protect your family from power failures, and avoid high electricity costs during peak rate periods.

Panasonic lithium-ion battery technology powers the world's most advanced electric cars and is now available to power your home.





When you install Panasonic HIT®, you will enjoy one of the most efficient solar panels available today.

## NOT ALL SOLAR PANELS ARE CREATED EQUAL

### Industry-leading conversion efficiency

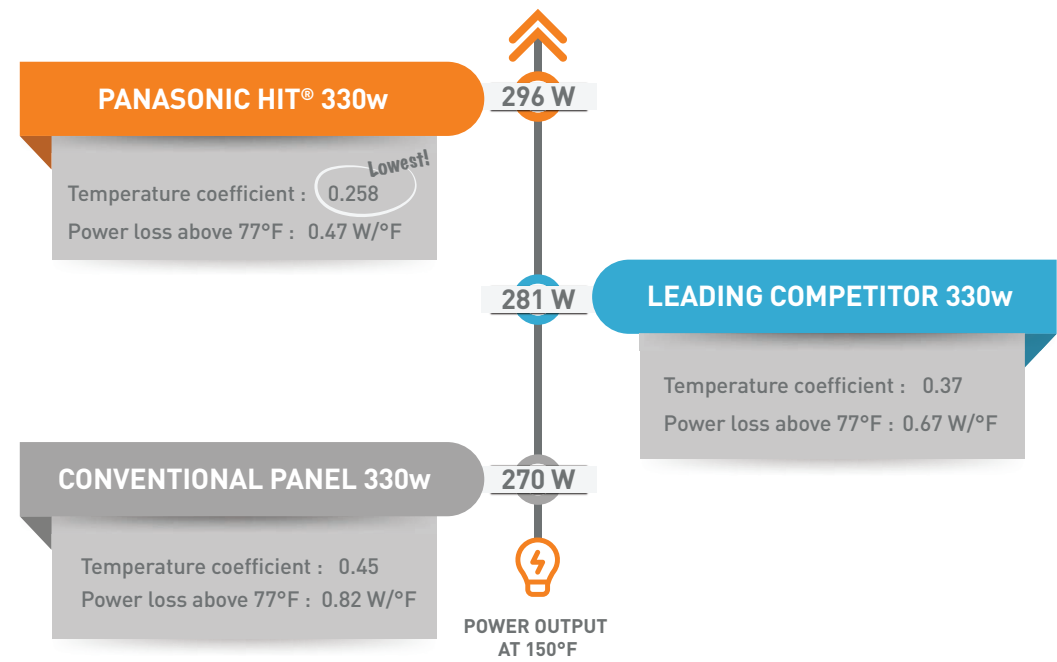
HIT® solar panels absorb and convert sunlight into electricity at an impressive rate. That's why our space-saving panels set the standard for long-term conversion efficiency and produce more power over the long run.

HIT® panels contain 96 cells in the same footprint as standard 60-cell panels. That means more power output per square foot of roof space and fewer panels to install.

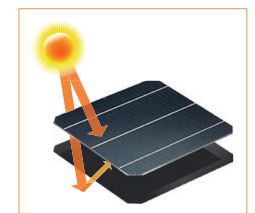
### Better performance in hot weather

Where most panels weaken and underperform in hot summer temperatures, HIT® panels outperform. With a low temperature coefficient of -0.258%/°C, HIT® generates more power than competing models on the warmest days.

 In summer, a solar panel's surface can reach over 50°F above outdoor temperatures and hotter than 150°F.

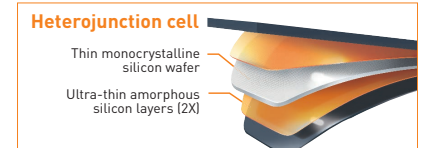


## THE HIT® HIGH PERFORMANCE ADVANTAGE



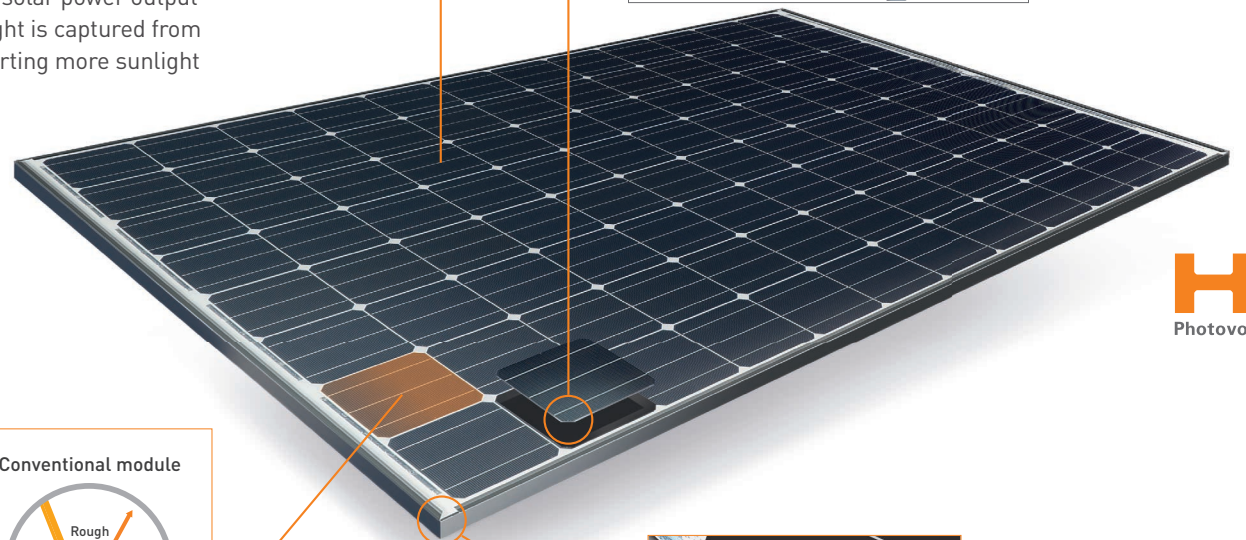
### Dual-sided cells multiply energy output

Advanced bifacial cells work together with the pyramid structure to multiply solar power output exponentially. Available sunlight is captured from both sides of the panel, converting more sunlight into electricity.

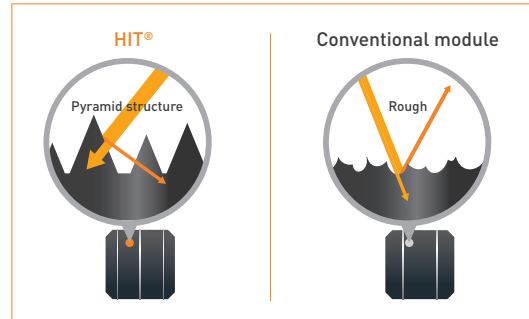


### Heterojunction technology minimizes electron loss

Thin amorphous silicon layers reduce electron carrier loss to minimal levels. The result is a remarkably high efficiency solar cell that produces greater long-term energy output.

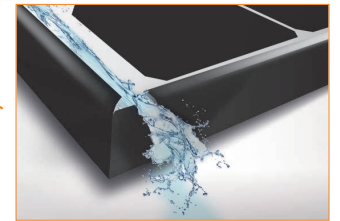


**HIT®**  
Photovoltaic Module



### Innovative pyramid structure absorbs more sunlight

A uniquely effective pyramid structure optimizes sunlight capture. By reducing outward reflection and directing sun rays inward to the cell, HIT® absorbs more sunlight and generates more power for your home.



### Smart water drainage for peak power

Water stains can inhibit optimal sunlight penetration and panel efficiency. A special water drainage system prevents rain water accumulation and eliminates water stains from the panel.

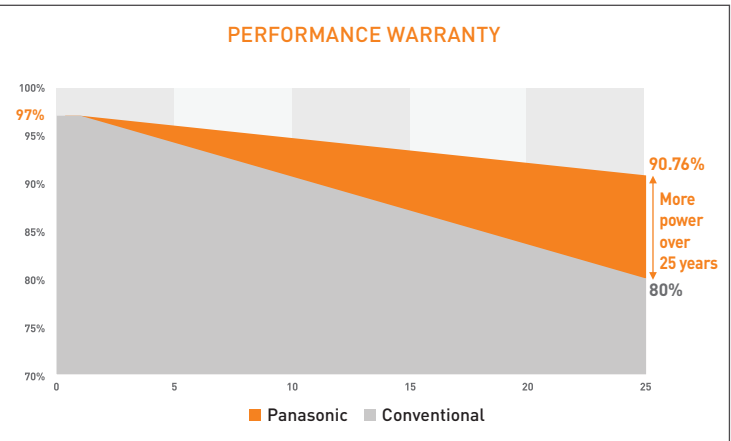


PRODUCE MORE ELECTRICITY FOR DECADES. GUARANTEED.

**Remarkably, less than 10% degradation after 25 years**

All solar panels work well when new. Then performance declines as time passes. Only the best-made modules generate solar power consistently with age. HIT® panels boast one of the lowest degradation rates in the industry.

Enjoy the biggest return over the lifetime of your Panasonic home solar system. Our guaranteed minimum 90.76% rated power output after 25 years means you'll produce more free electricity and save more money year after year.



Low degradation rate  
↓  
high return on investment

PROTECT YOUR SOLAR INVESTMENT



**Our 25-year TripleGuard warranty provides complete protection**

A warranty is only as dependable as the company behind it. Backed by one of America's longest-standing brands and a century of stability, our comprehensive solar panel warranty covers performance, workmanship, parts, and labor for 25 years.\*

**HIT® solar panels** > 25-year warranty

**Built-in microinverters** > 25-year warranty

**EverVolt™ battery storage system** > 10-year warranty

\* When installed by a Panasonic Authorized or Premium installer



**Professional installer network**

Only the most knowledgeable and dependable solar professionals are selected as Panasonic Authorized and Premium installers.

With full support of one of America's most trusted brands, your Panasonic installer is with you every step: from consultation and design, to installation and activation, to post-installation service and warranty claims.





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