Panasonic

HIT® Photovoltaic Module

25 Year Product + Performance Warranty = Unmatched Peace of Mind

Our competitive advantages

High Efficiency at High Temperatures
As temperature increases, HIT® continues to perform at high levels due to the industry leading temperature coefficient of -0.258% /ºC. No other module even comes close to our temperature characteristics. That means more energy throughout the day.

25 Year Product and Performance Warranty**
Industry leading 25 year product workmanship and performance warranty is backed by a century old company- Panasonic. Power output is guaranteed to 90.76% after 25 years, far greater than other companies.

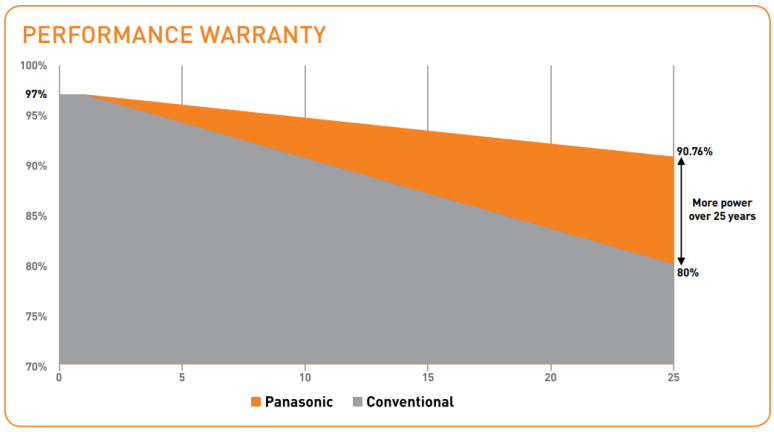
Quality and Reliability
Panasonic's vertical integration, 20 years of experience manufacturing HIT® and 20 internal tests beyond those mandated by current standards provides extreme quality assurance.

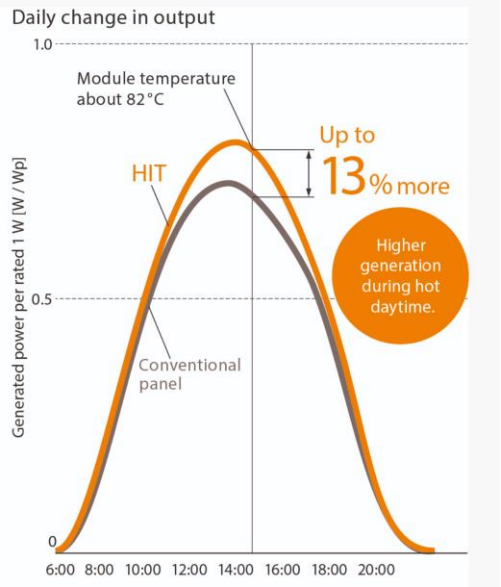
Higher Efficiency 19.7%
Enables higher power output and greater energy yields. HIT® provides maximum production for your limited roof space.

Low Degradation
HIT "N-type" cells result in extremely Low Light Induced Degradation (LID) and zero Potential Induced Degradation (PID) which supports reliability and longevity. This technology reduces annual degradation to 0.26% compare to 0.70% in conventional panels, guaranteeing more power for the long haul.

Unique water drainage
The water drainage system give rain, water and snow melt a place to go, reducing water stains and soiling on the panel. Less dirt on the panel means more sunlight getting through to generate power.

HIT® is a registered trademark of Panasonic Group





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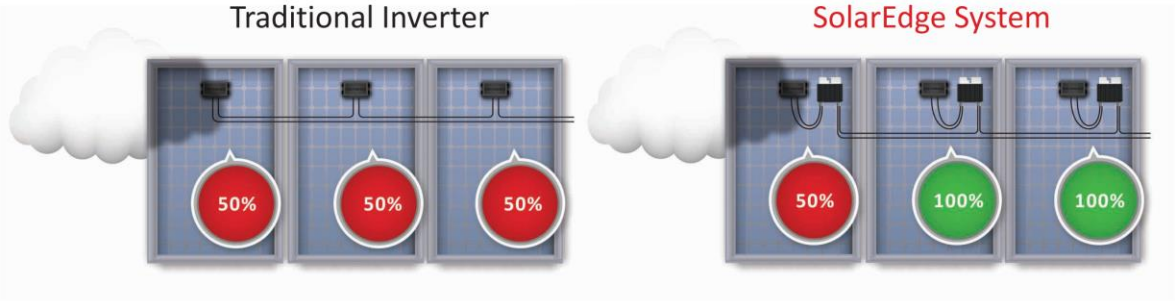
Making Solar Systems Smarter



POWER OPTIMIZER

By connecting a SolarEdge power optimizer to a PV module it becomes a smart module. This allows:

- Harvest of up to 25% more energy from each module
- Constant feedback on the performance of each module
- Designed to shutdown each module for maximum safety in case of an emergency

INVERTER

A simpler and more reliable inverter:

- Responsible only for DC to AC conversion, as all other functions are handled separately for each module by the power optimizers
- Extremely small, lightweight, and easy to install
- 99% weighted efficiency
- Suitable for indoor and outdoor installations

MONITORING PLATFORM

By displaying real-time performance data for each module, the monitoring platform allows:

- Full visibility of your system's performance
- Automatic alerts on system issues

EDISON AWARDS

Underwriters Laboratories

IRONRIDGE

Making Solar Stronger

COMPLETE ROOF PROTECTION

- Corrosion-resistant aluminum
- 160+ mph wind rating
- 20+ years industry experience
- 25-year warranty

Force-Stabilizing Curve

Sloped roofs generate both vertical and lateral forces on mounting rails which can cause them to bend and twist. The curved shape of XR Rails is specially designed to increase strength in both directions while resisting the twisting. This unique feature ensures greater security during extreme weather and a longer system lifetime.

Strength Tested

All components evaluated for superior structural performance.

UL 2703 Listed System

Entire system and components meet newest effective UL 2703 standard.

Boost Your Home's IQ

Smarter home, smarter energy, smarter you.

MONITOR YOUR SOLAR SYSTEM

See how much energy your solar system is generating compared to how much grid electricity you're using. Curb can even detect if there's something wrong with your solar system and let you know right away.

REMOTE CONTROLS & TRIGGERS

Curb integrates with your favorite smart home connected devices, allowing you to control them remotely and see the impact in real time. Link your appliances to trigger your smart devices when they turn on or off.

SEE YOUR SPENDING IN REAL TIME

The apps radial dial changes from green when you're saving to red when you're wasting while the bar graph shows you the live break down of the things that are using electricity.

FIND OUT ABOUT UNUSUAL USAGE

Curb is always watching for unusual energy usage and unsafe situations. If you accidentally leave something on, like a stove or curling iron, Curb reminds you with a push notification.