



SunPower AC Energy Solutions

Better Technology. Better Together.





**Make the most of
every moment.**

With home solar that
makes the most of every
moment of sunlight.

SunPower AC technology helps you take control of your energy future.



Simply Powerful

Adaptable to your energy needs

with a flexible, scalable approach to system design



Reliably Powerful

More energy in real-world conditions

from an independent panel architecture



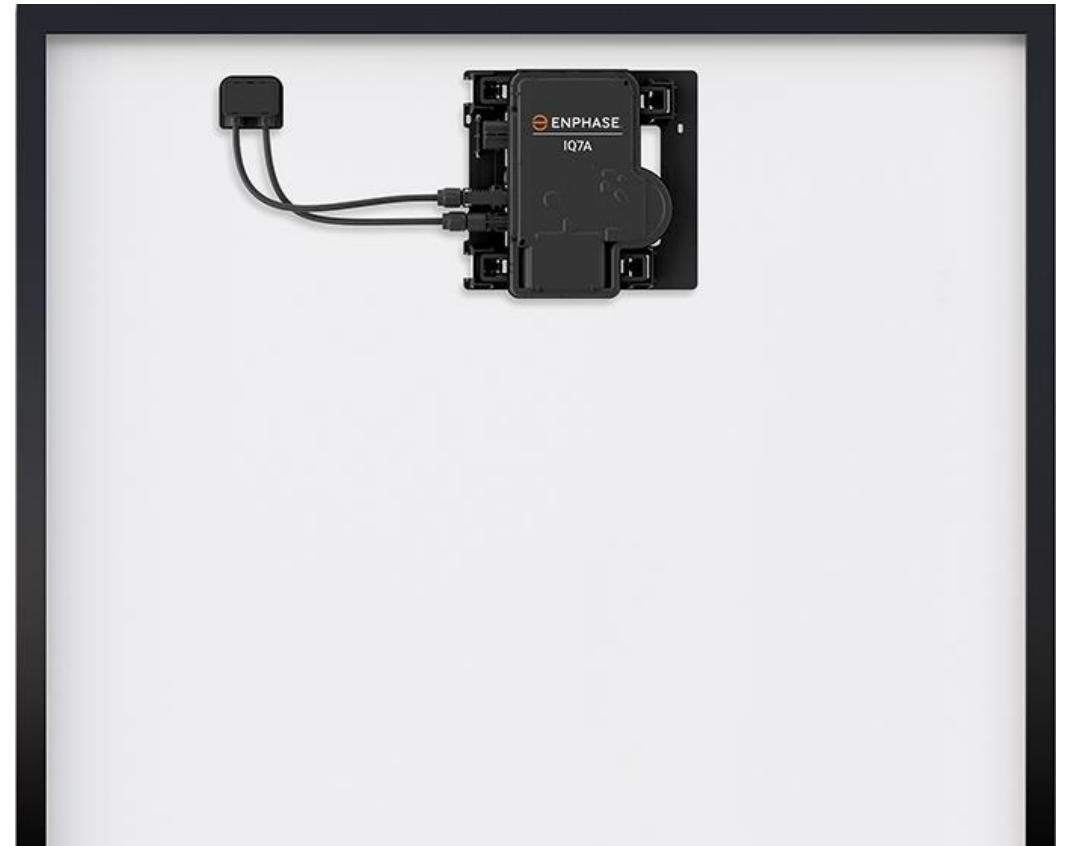
Visibly Powerful

Real-time system monitoring

with 24/7 access to performance data anytime, anywhere

What is a microinverter?

A microinverter is a small electronic device that sits beneath each solar panel. Its main task is to convert the electricity generated by your solar panels from direct current (DC) into alternating current (AC) that you can use directly in your home or export to the grid.



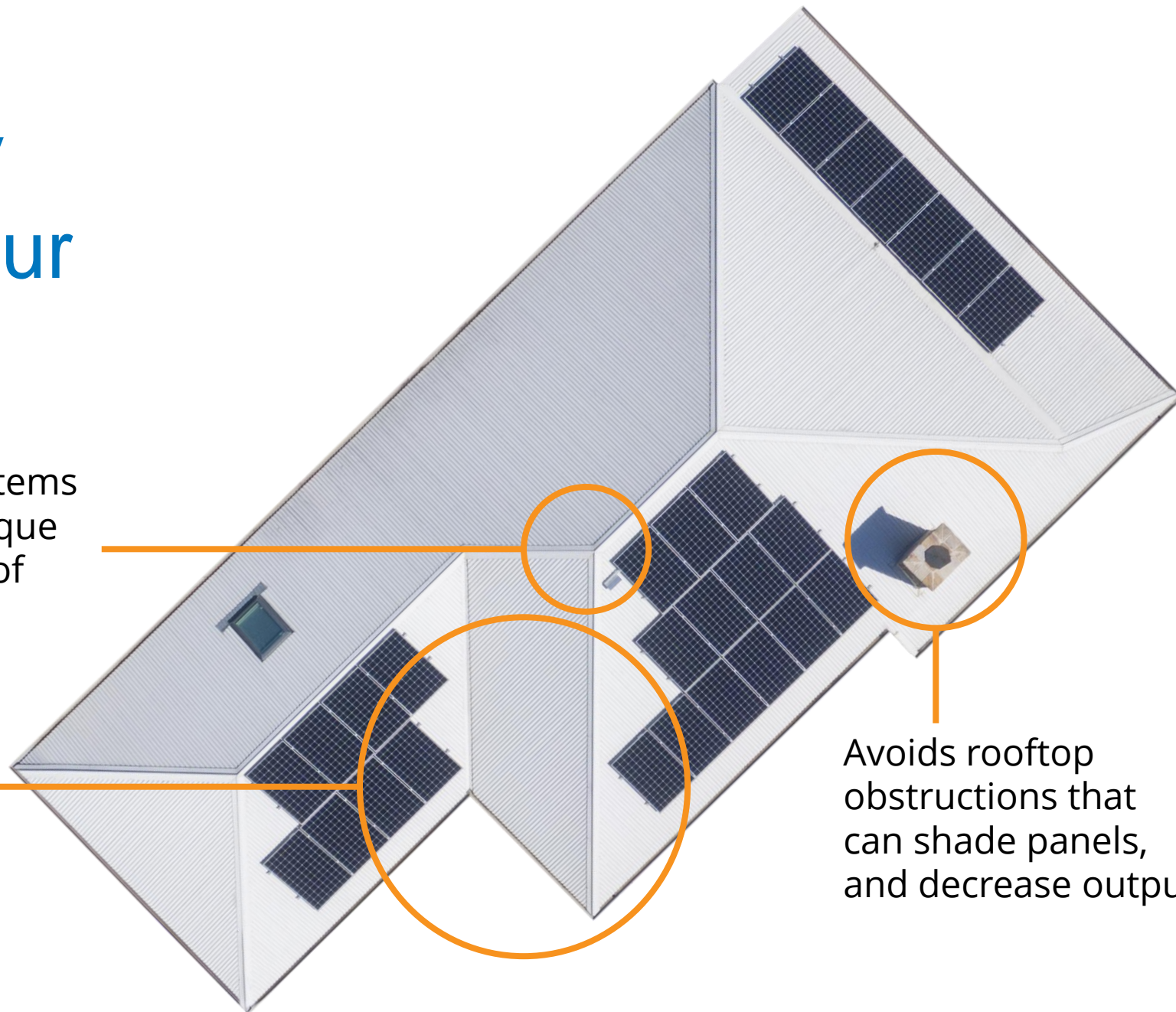
Design versatility that optimises your roof for solar.



**Simply
Powerful**

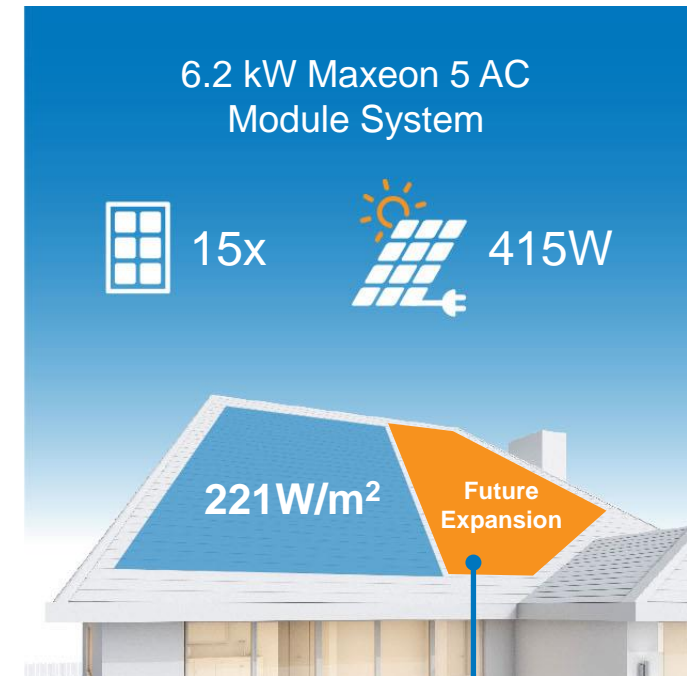
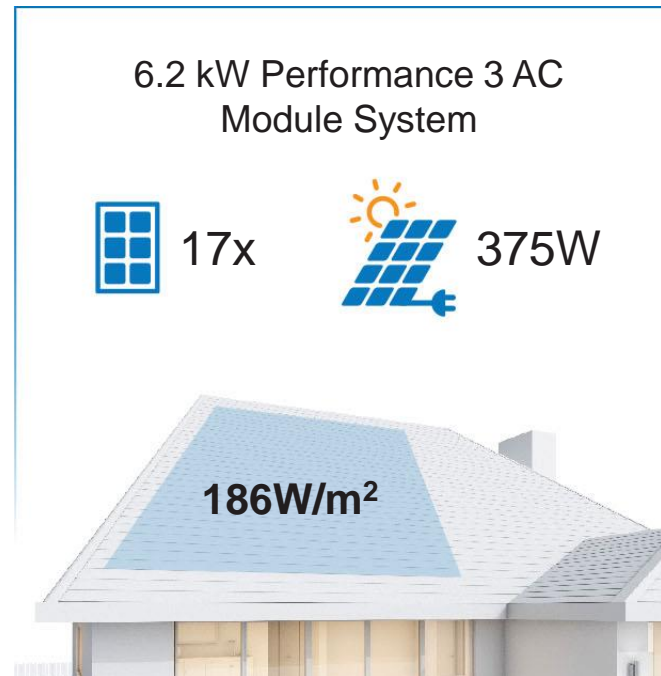
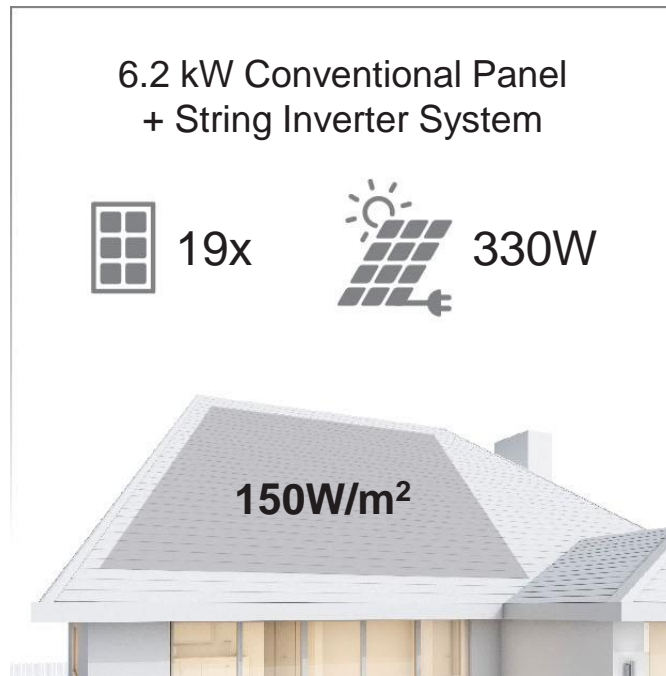
Aligns systems
to the unique
contours of
your roof

Eliminates unsightly
equipment and cabling
required to connect panels
in a continuous series



Avoids rooftop
obstructions that
can shade panels,
and decrease output

The flexibility to scale your system as your energy needs evolve.

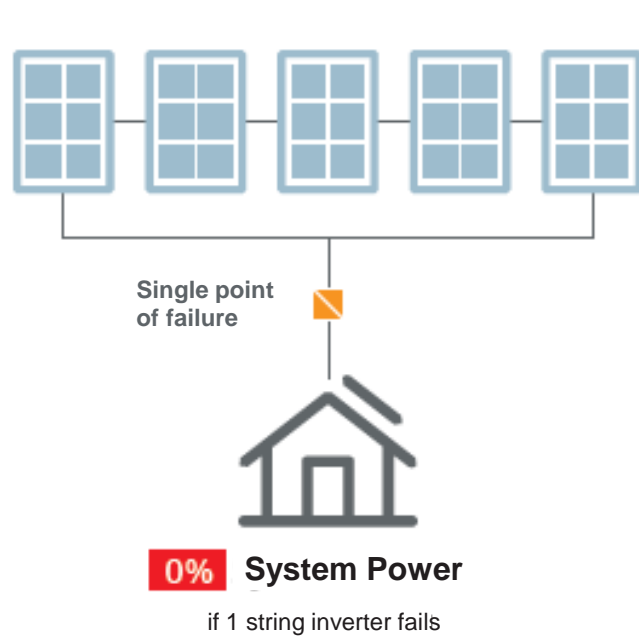


Simply
Powerful

Maxeon 5 AC maximises available space for future energy needs

Greater reliability with no centralized point of panel failure.

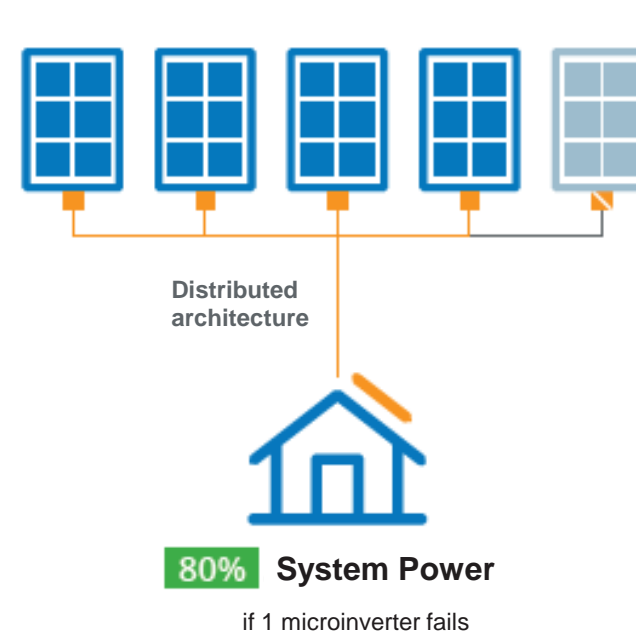
String Inverter System



In a conventional setup, one inverter controls the output of a whole solar array, a design with a single point of failure.

VS

SunPower AC Modules



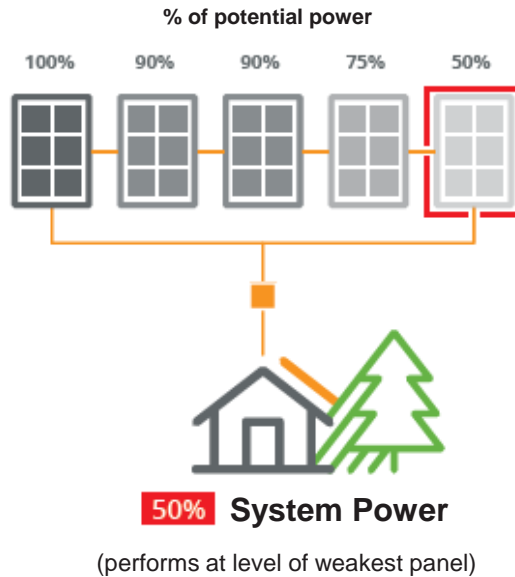
SunPower AC Modules distributes this risk across every panel through a far more reliable technology: Enphase microinverters.



**Reliably
Powerful**

Stronger performance in real-world conditions from independent panel operation.

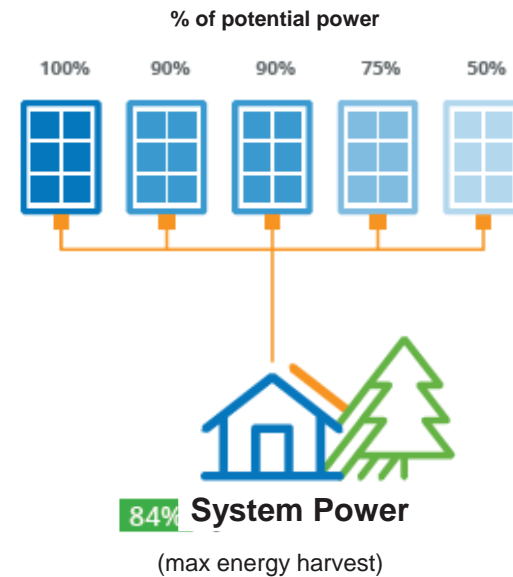
String Inverter System



In a conventional setup, the system performs only as well as its weakest panel. This can dramatically reduce output due to shade or other real-world challenges.

VS

SunPower AC Modules



**Reliably
Powerful**

Each SunPower AC Module performs individually, allowing each panel to contribute up to its maximum potential for your system.



Visibly
Powerful



Have confidence in
your system's
performance,
anytime, anywhere.



The Enphase Enlighten™ App



Panel-level
monitoring



Automatic
software updates



Real-time views*

*On average, 5-minute data intervals.

Tested, proven and backed by category-leading warranties for added peace of mind.¹



25 years of product, power and service warranty coverage⁶

SUNPOWER | MAXEON

- Leading durability²
- #1 lowest degradation rate in the industry at 0.25%³
- 92% warranted power output in year 25 of operation
- 0.005% panel return rate⁴
- 40-year expected useful life⁵
- More than 35 million panels shipped

SUNPOWER | PERFORMANCE

- Leading reliability in real world conditions
- 87.2% warranted power output in year 25 of operation
- 35-year expected useful life⁴
- Industry's most deployed shingled cell panel



- 25-year product warranty; 2-year service warranty covering replacement
- Tested for 1 million hours
- 0.05% microinverter return rate
- No moving parts or fans
- 28 million microinverters shipped
- Category-leading inverter warranty

¹ SunPower Maxeon claim based on datasheet review of websites of top 20 manufacturers per IHS, as of May, 2019. Enphase claim based on internal competitive review, 2020. ² Jordan, et. al. Robust PV Degradation Methodology and Application, PVSC 2018. ³ As of 2018, Jordan, et al, "Robust PV Degradation Methodology Application" PVSC 2018 and "Compendium of Photovoltaic Degradation Rates" PIP 2016. ⁴ A Comparative Study: SunPower DC Solar Module Warranty Claim Rate vs. Conventional Panels." SunPower Corporation. 2019 ⁵ Performance panels expected useful life of 35 years. Source: "SunPower P-Series Technology Technical Review," Leidos Independent Engineer Report. 2016. SunPower Maxeon panels expected useful life of 40 years. Source: "SunPower Module 40-Year Useful Life," Useful life is 99 out of 100 panels operating at more than 70% of rated power. ⁶ DC solar panel covered by SunPower Complete Confidence Warranty (25-year limited power and limited product warranty). Microinverter covered by 25-year limited product warranty by Enphase.) AC modules shall be connected to Enphase Monitoring hardware (ENVOY) to enable Enphase product warranty. Service applicable only to PV Module originally installed in Belgium, France, Germany, Italy, The Netherlands, or the United Kingdom. Scope of warranty coverage varies by country. For more information about the warranty terms and conditions available in your country, visit maxeon.com/legal

SUNPOWER

FROM MAXEON SOLAR TECHNOLOGIES