

SUNPOWER®



SunPower® Performance Panels

SunPower® Performance panels combine conventional front contact mono PERC solar cells with 35 years of SunPower materials and manufacturing expertise to maximise panel performance and reliability in an innovative shingled cell form factor.



The performance you want

Up to 8% more energy in the same space over 25 years compared to Conventional mono PERC Panels.¹



The reliability you need

Backed for 25 years by SunPower's Complete Confidence Panel Warranty.²



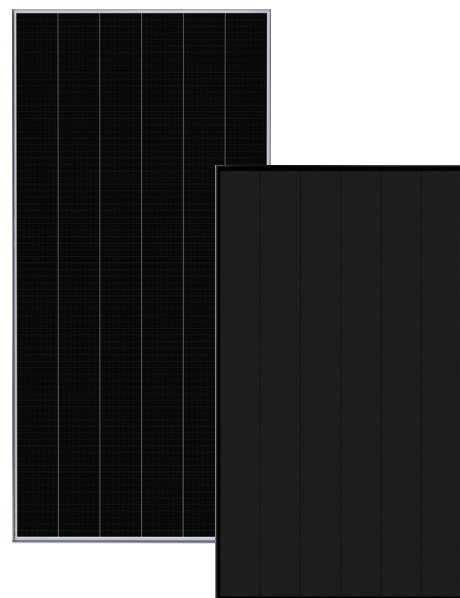
The durability you expect

Engineered to stand up to environmental stresses such as daily temperature swings, shading and high humidity.



The elegance you deserve

Designed to blend beautifully into any roof.



SUNPOWER®

PERFORMANCE



Take Control of Your Energy Costs

Rising electricity costs are a reality faced by everyone. But what if you could take control of your energy supply—now, and for decades to come.

As a global leader in solar, SunPower is ready to help you take control of your energy future today.

Innovative products

SunPower innovates relentlessly. With the largest R&D investment in solar³ and more than 1,000 patents granted, we offer one of the most advanced product portfolios in the industry.

Our Performance panels represent the leading shingled cell technology on the market and are protected by more than 60 patents worldwide covering cell and panel design, as well as key manufacturing tools and processes.

Deep experience

Over the course of 35 years, SunPower has delivered more than 12.4 GW of solar globally, including more than 2 GW of Performance Panels, offsetting the equivalent emissions from burning nearly 32 million metric tonnes of coal.⁴

Extraordinary value

SunPower helps maximise the value of your system by combining high-quality solar technology with our Complete Confidence Panel Warranty, offering 25-year power, product and service coverage for your investment.

Trusted bankability

SunPower stands behind your system with the financial strength and backing of Total, the 4th largest public energy company in the world.⁵

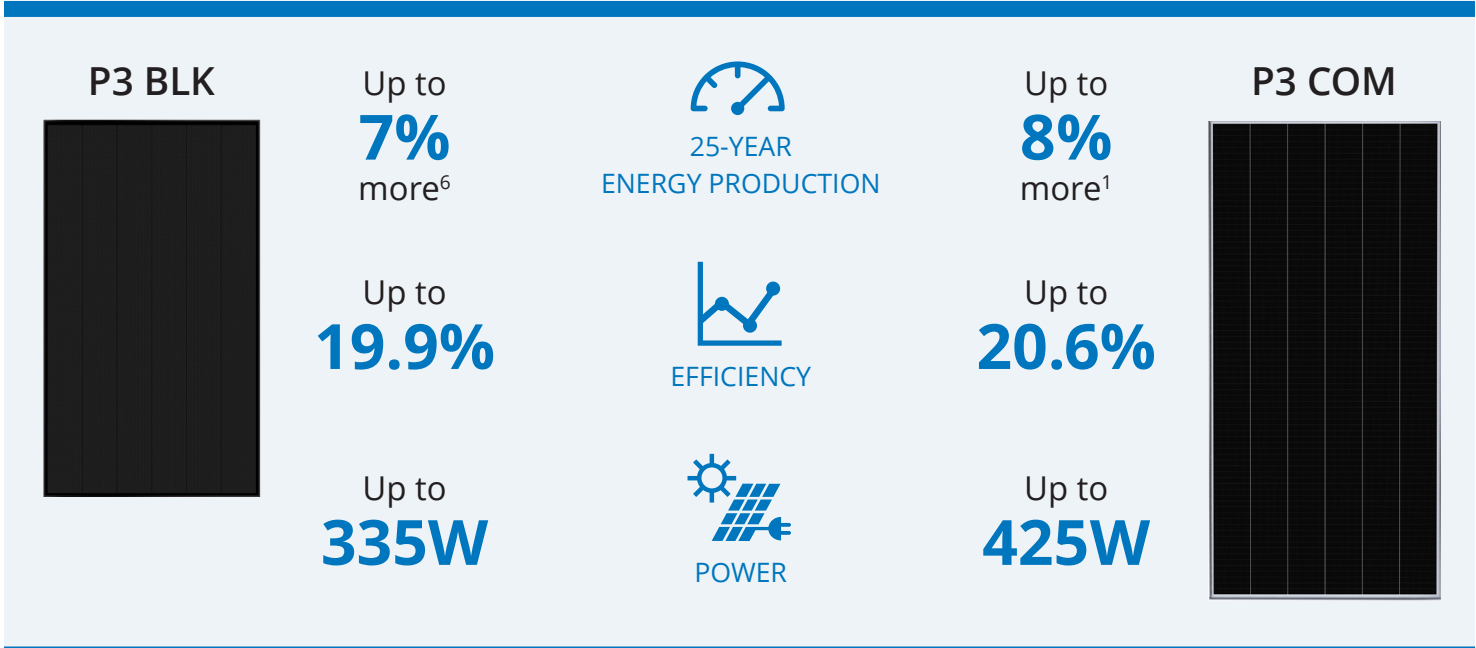
True sustainability

SunPower adheres to the highest sustainability standards and practices to help you achieve your sustainability goals in the most efficient manner.

Energy leaders trust SunPower

SunPower is the preferred solar provider for leading companies, utilities and homeowners around the world.





Making the conventional, exceptional

Performance panels use an innovative shingled cell design that offers more energy and reliability than traditional front contact panels.

An innovative shingled cell design shortens paths for electrons to travel to create more energy from each panel.

Smaller solar cells optimise electric current, enabling longer panel life by keeping cells cooler when partly shaded.⁷

A proprietary encapsulant protects cells, minimising degradation caused from environmental exposure.

Aerospace-grade conductive adhesives deliver superior durability under the stresses of daily temperature cycles.

Redundant cell connections mitigate the impacts of cell cracks on power output by creating flexible paths for continuous electricity flow.

SunPower® Complete Confidence Panel Warranty

A better warranty starts with a better product

SunPower panels are precision-engineered to deliver more energy and reliability over time. That's why we stand behind them with our comprehensive 25-year power, product and service warranty.



Power

Higher power output than conventional power warranties: 85,5% in year 25.



Product

Coverage for defects related to workmanship and materials extends for 25 years, versus the 10 years typically offered with conventional panels.



Service

Hassle-free repair, replacement or reimbursement for any defective panel for 25 years.⁸

Take the next step

SunPower is uniquely qualified to deliver on your energy goals and facilitate a solution that's right for your needs and budget.

Our objective is to provide you with industry leading solar technology, while delivering the highest standard of quality and customer service.



Ready to go solar?

To learn more about SunPower visit us at: sunpower.com

DEMAND BETTER SOLAR

SUNPOWER®

1 SunPower 425 W, 20.6% efficient, compared to a Conventional Panel on same-sized arrays (370 W mono PERC, 19% efficient, approx. 1.94 m²), 0.25%/yr slower degradation rate (Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018).
2 The Complete Confidence Warranty is available for SunPower panels sold by SunPower distributors or sold and installed by SunPower authorised installation partners. Ask your distributor or installation partner for more information about the warranty conditions available in your country.
3 SunPower has the highest R&D investment for silicon based solar. Based on cumulative investment from 2007 through 2018. Osborne. "R&D spending analysis of 21 PV manufacturers." PVTech.com. 2019.
4 United States Environmental Protection Agency Greenhouse Gas Equivalencies Calculator, <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>, December, 2019.
5 The World's Largest Oil & Gas Companies 2018 June 2018.
6 SunPower 335 W, 19.9% efficient, compared to a Conventional Panel on same-sized arrays (310 W mono PERC, 19% efficient, approx. 1.64 m²), 0.25%/yr slower degradation rate (Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018).
7 SunPower Performance Series – Thermal Performance, Z.Campeau 2016.
8 Repair, replacement or reimbursement will be at SunPower's sole discretion. Warranty service availability may vary from country to country. Ask your installer for full warranty information at the time of purchase or check our website sunpower.com.