



SunPower Performance Solar Panels

**Making the conventional,
exceptional.**

SUNPOWER
PERFORMANCE



SECURE YOUR ENERGY FUTURE

Choosing a solar panel is a decision that can have a lasting impact on your organisation's energy strategy, but only when you invest in a technology engineered for maximum reliability and energy production over the long run.

Technology built to last

Once installed, your solar panels need to function in all types of weather conditions to ensure you receive the energy needed to power your organisation.

SunPower Performance solar panels leverage more than 35 years of materials and manufacturing expertise to eliminate the reliability limitations of standard solar panels. You can invest with confidence, knowing your panels are built to last, and verified for reliability by an independent test laboratory—not to mention, backed by one of the industry's most comprehensive warranties.¹

What makes SunPower Performance panels operate more reliably than standard solar panels?



The flexible non-metallic cell connections of the Performance panel keep energy flowing, mitigating the effects of daily temperature swings and inclement weather such as wind, hail, and snow. These conditions can break standard solar cells and connections, significantly limiting energy production.



An innovative electrical architecture keeps Performance cells cooler when partly shaded. And that's key to longer panel life, as well as maximising energy production in less-than optimal light conditions. Performance panels also limit their reliance on bypass diodes, which minimises the likelihood of unmitigated heating and hotspot formation commonly found in standard solar panels.



A premium bill of materials, including a framed dual glass construction on bifacial models, protects Performance panels from the corrosion that can affect standard solar panels in humid environments.

Unforgiving environmental conditions can wreak havoc on your solar panels. Considering your panels are intended to operate for decades to come, their success is truly dependent on how reliably they perform against the real-world challenges they encounter day-in and day-out.



Energy production you can count on

Engineering a better solar panel is just the first step—now you need that panel to convert as much sunlight as possible into electricity.

SunPower Performance panels are designed to generate more energy over their operating life compared to standard solar panels by:

- Using high efficiency solar cells that are less susceptible to degradation over time
- Maintaining uninterrupted electrical paths to minimise energy loss in shade

- Optimising the installation environment to maximise energy generation even further with bifacial models

When coupled with a comprehensive warranty, SunPower Performance panels multiply in value to drive down the levelised cost of energy (LCOE) surrounding your project. More powerful and efficient technology that operates reliably, ultimately translates to lower logistics, balance of system, installation labour, and maintenance costs over the life of your investment.



Made responsibly

We combine responsible manufacturing with lasting energy production for 25+ years to make SunPower Performance panels a sustainable choice for your clean energy future. Our assurances range from the safe, recyclable materials utilised in panel design, to the ongoing audits of our operations, as well as those of our suppliers, to ensure strict adherence to modern human rights and fair labour standards. We not only supply you with a powerful and reliable energy product for decades to come, but one that you can take comfort in knowing was designed and manufactured to the highest standards of environmental and social governance.



BACKED BY A COMPREHENSIVE WARRANTY¹

The SunPower Complete Confidence Panel Warranty provides comprehensive power, product, and service coverage for 25 years. Each SunPower Performance panel is manufactured for long-term reliability and robust energy production over the life of your system—and backed by extensive third-party testing and field data from more than 10 GW of Performance panels deployed worldwide.



POWER

Higher power output over standard panels—warranted to operate at 87.2% of their original power output in year 25.



PRODUCT

Coverage for defects related to workmanship and materials for 25 years, versus standard solar panel manufacturers that can go as low as 12 years on their product warranty.



SERVICE

Repair, replacement or refund for any defective panel for 25 years, hassle free, with removal, shipping and installation included in applicable countries.

	SUNPOWER PERFORMANCE	Standard panel warranties
Product Defects		
Panel	25 Years	12 to 25 Years
Power		
Year 1	98.0%	~97.5%
Annual Decline	0.45%	~0.5%
Year 25	87.2%	~85.5%
Service²		
Removal – Old Panel	Yes	Maybe
Shipping – Old Panel	Yes	Maybe
Shipping – New Panel	Yes	Maybe
Installation – New Panel	Yes	Maybe



Learn more at sunpower.maxeon.com

1. SunPower Performance solar panels are backed up by a 25-year warranty. Subject to terms and conditions.
2. Service availability varies by country and installation provider.

An aerial photograph of a large-scale solar installation on a flat roof. The solar panels are arranged in a precise grid pattern, separated by metal racking. A worker wearing a blue shirt, dark shorts, and a yellow hard hat is walking across the roof, providing a sense of scale. In the background, other industrial buildings and a cityscape are visible under a clear sky.

**DECADES OF
RELIABLE ENERGY
PRODUCTION.**

INVEST WITH CONFIDENCE

Maxeon Solar Technologies

We are the global leader in solar innovation. With more than 35 years of boundary-pushing DNA, we design, manufacture and sell world-renowned SunPower solar panels in more than 100 countries. Every day, innovators, pioneers, homeowners and businesses put their trust in our advanced solar technology.

Powering Positive Change

Together, we can combat climate change. That's why our solar panels are specially designed to give you the power to make a positive impact. Our unique, industry-leading solar technology makes it easy for everyone to switch to solar, and start on the path to a zero-carbon world.

Trusted Partner Network

We strongly believe in the collective power of communities. Our vast global network of sales and installation partners will design your system to your unique needs and ensure it meets the highest quality standards. Without them, we're just scientists and engineers, designers and dreamers. With them, we are a catalyst for positive change as they bring our solar products to life.

