

SunPower® Helix™ Roof

Single-tilt and Dual-tilt Configurations



Flexible solutions for any need

SunPower® Helix™ Roof maximizes the energy output of your rooftop by combining SunPower's robust portfolio of high-efficiency, high-performance solar panels and flexible array configurations with an optimized mechanical and electrical architecture, comprehensive warranties and innovative O&M services.

Quickly achieve your sustainability vision

Implementing a solar program is a great way to boost your bottom line, rally employees and improve brand reputation. The Helix Roof system can help your organization realize these benefits with minimal disruption, providing a fully-integrated solution that is efficient, reliable and quick to install.

Smart Energy ready

The SunPower Helix platform offers an easy path to a smarter, clean energy future. The potential is everywhere—from intelligent management resources that turn strategic insights into energy savings, to the integration of new technologies (such as battery storage) that strengthen the performance and value of your investment.

SunPower Helix Roof System

Fully integrated rooftop solution

Uniquely engineered to maximize the benefits of SunPower® solar panels and the Helix electrical and mechanical system architecture—delivering up to 60% more energy in the same space over the first 25 years.¹

Dual-tilt

Maximizes energy generated in constrained spaces; ideal for customers prioritizing the NPV of their solar investment.



Single-tilt

Optimizes energy output per kW in unconstrained spaces; ideal for customers prioritizing the IRR of their investment.



SunPower® Maxeon® cell-based panels



- Highest efficiency available on the market²
- High energy production
- 40-year projected useful life³
- Rated #1 for durability⁴

SunPower® Performance Series panels



- High performance in shade
- Superior durability and reliability compared to conventional panels
- 35-year projected useful life⁵



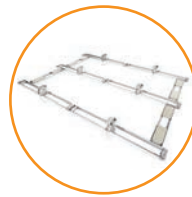
System Monitoring

SunPower® EnergyLink® software enables near real-time insights for intuitive energy management.



Power Station

Preconfigured inverter power station seamlessly integrates with the solar array.



Mounting System

Advanced mechanical architecture optimizes the yield potential of your roof, improving power density.



Cable Management

Durable components provide protection from harsh roof environments that could contribute to costly downtime.

SunPower® Helix™ Storage



Helix Storage works with your solar installation to maximize electricity savings by predicting your grid consumption and automatically dispatching the battery to lower energy costs.

Warranties

- | | |
|----------------------------------|----------|
| • SunPower panels | 25 years |
| • Helix mechanical BOS | 25 years |
| • Helix electrical BOS | 10 years |
| • Inverter ⁶ | 10 years |
| • EnergyLink monitoring hardware | 10 years |

¹ SunPower 360W compared to a Conventional Panel on same sized arrays (260W, 16% efficient, approx. 1.6m²), 4% more energy per watt (based on 3pty module characterization and PVSIM), 0.75%/yr slower degradation (Campeau, Z. et al. "SunPower Module Degradation Rate," SunPower white paper, 2013).

² Based on search of datasheet values from websites of top 10 manufacturers per IHS, as of January 2017.

³ "SunPower Module 40-Year Useful Life," SunPower white paper, 2013. Useful life is 99 out of 100 panels operating at more than 70% of rated power.

⁴ #1 rank in "Fraunhofer PV Durability Initiative for Solar Modules: Part 3". PVTech Power Magazing, 2015. Campeau, Z. et al. "SunPower Module Degradation Rate," SunPower white paper, 2013. See www.sunpowercorp.com/facts for details.

⁵ "SunPower P-Series Technology Technical Review," Leidos Independent Engineer Report. 2016.

⁶ Manufacturer pass-through warranty. Warranties of 15 or 20 total years are available directly through manufacturer.