

SunPower® Helix™ DSA Carport



Industry-leading design and engineering

SunPower® Helix™ Carport is the only fully integrated carport solution on the market, combining SunPower's high-efficiency solar panels with an optimized mechanical and electrical architecture. The result is faster deployment times and minimal disruption to your organization.

A clear path to clean energy

Solar programs are a great way to enhance your sustainability strategy, rally employees and engage customers. The DSA pre-check approved Helix Carport can help you realize these benefits with minimal disruption, providing a fully-integrated solution that is efficient, reliable and quick to install.

Superior safety and reliability

Integrated features exceed industry standards—including concealed electrical components, plug-and-play inverters and corrosion-resistant steel finishes. This puts the Helix Carport at the top of its class in durability, reliability and safety.

sunpower.com/carport

SUNPOWER®

HELIX™

SunPower® Helix™ DSA Carport

Fully integrated single-tilt carport structure

Elegant, durable design is uniquely engineered to maximize the benefits of SunPower® solar panels and the Helix electrical and mechanical system architecture.

Industry-leading solar panels

High efficiency rates and unmatched reliability¹ combine to deliver up to 60% more energy in the same space over the first 25 years.²

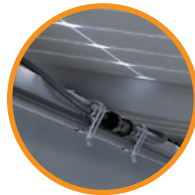


- High efficiency
- High energy production
- 40-year useful life³
- Rated #1 for durability⁴



Powerful EnergyLink® monitoring software

Gather real-time insights for intuitive energy management.



Simplified electrical system

Streamlined architecture minimizes system complexity.



Integrated cable management

Keeps cables secure and protected from abrasion and wear.



Pre-configured inverter power station

Preconfigured inverter improves installation efficiency.

Innovative options



EV charging

Enhances functional use of carports for customers and employees, while promoting EV adoption



Lighting

Integrates energy-efficient LED lighting within canopies to ensure parking areas stay well lit at night



Battery Storage

Couples with canopies to achieve demand charge savings and better utilization of energy produced.



Long Span DSA Canopies

Maximizes capacity in space-constrained areas with DSA pre-check approved long span systems.

Warranties

- | | | | |
|------------------------|----------|----------------------------------|----------|
| • SunPower panels | 25 years | • Inverter ⁵ | 10 years |
| • Helix mechanical BOS | 25 years | • SunPower Carport Structure | 25 years |
| • Helix electrical BOS | 10 years | • EnergyLink monitoring hardware | 10 years |

¹ #1 rank in "Fraunhofer PV Durability Initiative for Solar Modules: Part 3". PVTech Power Magazine, 2015. Campeau, Z. et al. "SunPower Module Degradation Rate," SunPower white paper, 2013.
² SunPower 360W compared to a Conventional Panel on same sized arrays (260W, 16% efficient, approx. 1.6 m²), 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).
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 Magazine, 2015. Campeau, Z. et al. "SunPower Module Degradation Rate," SunPower white paper, 2013. See www.sunpowercorp.com/facts for details.
⁵ Manufacturer pass-through warranty. Warranties of 15 or 20 total years are available directly through manufacturer.