

SunPower® Helix® T-Type DSA Carport



Industry-leading design and engineering

SunPower® Helix® Carports are the industry's only fully integrated carport solutions, combining SunPower's high-efficiency, high-performance solar panels with an optimized mechanical and electrical architecture. The result: 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.

Greater safety and reliability

Our integrated features exceed industry standards, including concealed electrical components, plug-and-play inverters and corrosion-resistant steel finishes. This puts the Helix Carports at the top of their class in durability, reliability and safety.

SunPower® Helix® T-Type DSA Carport System

The only fully integrated single-tilt carport structure on the market.

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

Reliability and unmatched efficiency rates combine to deliver up to 60% more energy in the same space over 25 years.¹

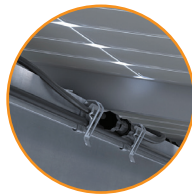


- High efficiency
- High energy production
- 40-year projected useful life²
- Unparalleled for durability³



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
- Helix mechanical BOS
- Helix electrical BOS

25 years
25 years
10 years

- Inverter⁴
- SunPower Carport Structure
- EnergyLink monitoring hardware

10 years
25 years
10 years

¹ SunPower 450 W, 22.2% efficient, compared to a Conventional Panel on same-sized arrays (330 W multi, 17% efficient, approx. 2 m²), 5% more energy per watt (based on PVSim runs for avg US climate), 0.5%/yr slower degradation rate (Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018).

² SunPower Module 40-year Useful Life. SunPower whitepaper. 2013.

³ Jordan, et. al. Robust PV Degradation Methodology and Application. PVSC 2018.

⁴ Manufacturer pass-through warranty. Warranties of 15 or 20 total years are available directly through manufacturer.