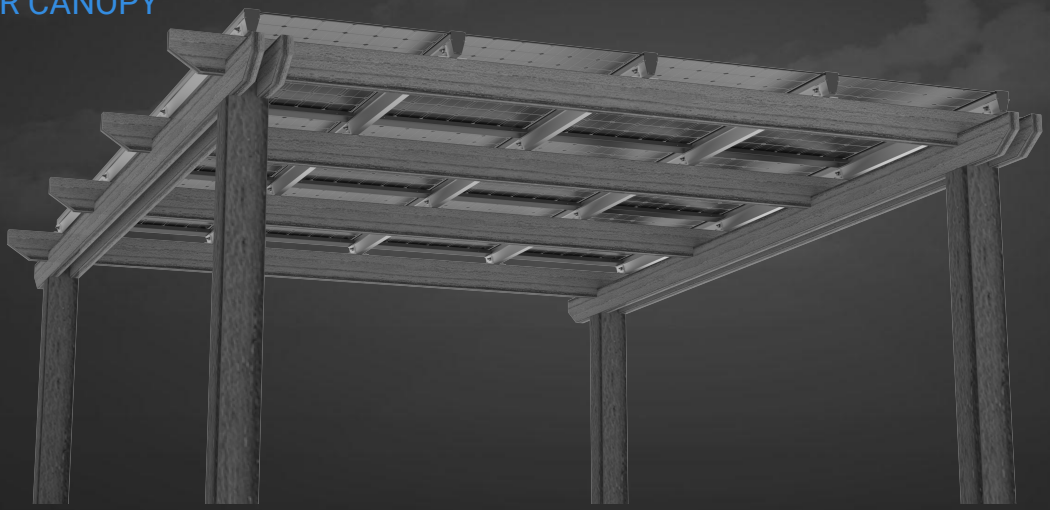
SUNPARK CANOPY™

MODULAR SOLAR CANOPY



BENEFITS

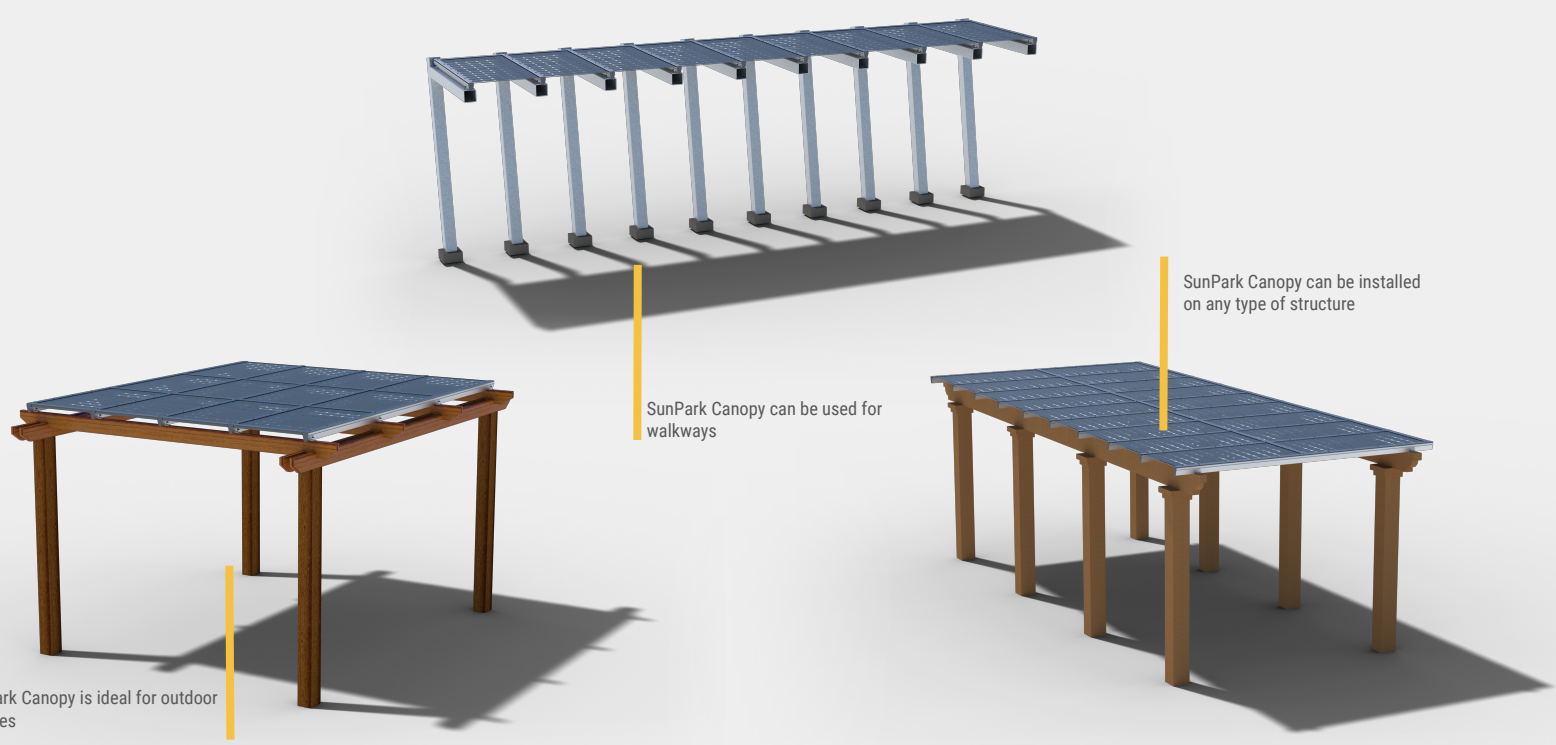
- ✓ PROTECTION FROM THE ELEMENTS :: Offers protection from the sun, the rain and snow (water management system)
- ✓ GREAT AESTHETICS :: Great look taking advantage of the bifacial PVs with wire hidden within structure
- ✓ EASE OF INSTALLATION :: Aluminum made, all parts can be lifted by hand and easily connects together
- ✓ MODULAR DESIGN :: Can be adapted to fit any canopy size
- ✓ MORE PROFITABLE :: Highest energy yield (up to 20% more energy from bifacial optimization)

20 YEARS WARRANTY

MADE IN NORTH AMERICA

FEATURES

- All aluminum extrusions and stainless steel bolts, light and robust
- Warranty to last 20+ years
- 10% to 20% extra energy from bifacial
- Modular design :: configuration can be adapted to desired canopy size
- Perfect match for residential pergolas, commercial terraces
- Can integrate both framed and frameless PVs
- Water & wire managed canopy
- Peace of mind installation
  ↪ All parts can be handled by hand, no heavy machinery required
- O&M :: minimal maintenance needed



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KEY SPECIFICATIONS

Material
Aluminum structure and components, stainless steel bolts & nuts

Max Snow Loads
Can be designed for any snow loads (up to over 100 PSF)

Max Wind Loads
Can be designed for any wind loads (up to 180 MPH)

Tilt Angle
Variable

PV Panel Orientation
Landscape on rails

Module
Any framed PV, any frameless PV

Water Management
Water managed with rubber gaskets

Configuration
Variable canopy size to match the structure size

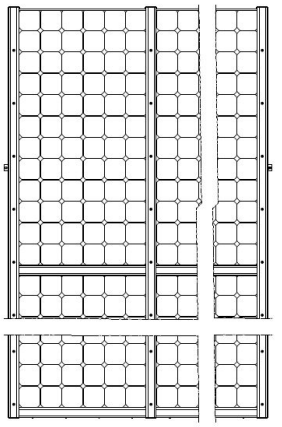
Structure Type Compatibility
Any wood or metal structure with compatible span

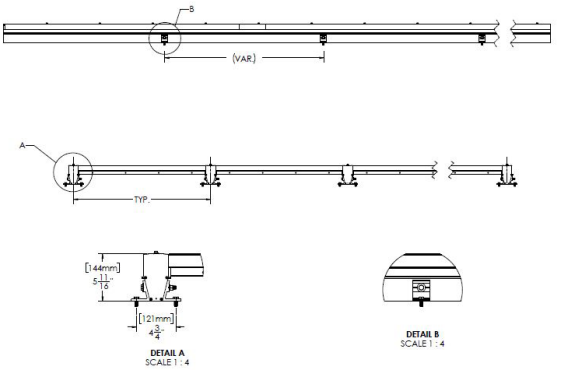
Installation
100% aluminum structure, super light, all parts can be manipulated by hand. Can be assembled without heavy machinery.

PV Panel Height from Ground
Variable

Grounding
Self-bonding PV clamps, UL 2703 listed

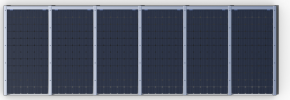
Typical Bifacial Gains
5-25% (depending on location and orientation)



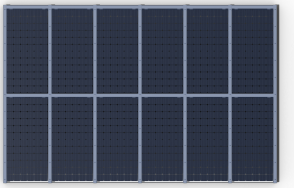


STANDARD CONFIGURATION

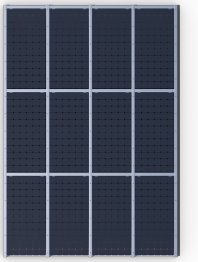
1 PANEL ROW



2 PANELS ROWS

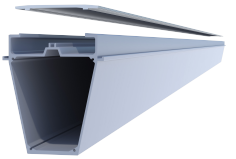


3 PANELS ROWS



SYSTEM COMPONENTS

Top beam assembly

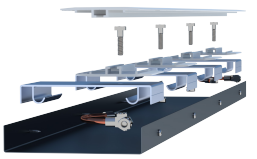


G-CP-BA

Anchor assembly
(Attache can varied)

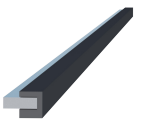
G-CPR4-AC1

Wire Guard



G-CP-WG-XXXmm

Filler



FILLER

End Cap

CP-EC1

Systems Inc.

www.opsun.com

418-651-4040