solar made beautiful

P villain is the world’s leading provider of solar powered fabric canopies, with decades of experience in tensile structure design and flexible solar technology integration. Our products range from stand-alone USB charging canopies to solar military tents and grid-tied long span structures. After years of laboratory testing, field use and completed projects, P villain is now introducing a signature line of products.

OUR SOLAR ENERGY

P villain’s Single Pole Solar Sail generates electricity that is stored in batteries for use all day and night. This energy is then converted to power lights, USB chargers, AC outlets, and any electrical demands needed.

INSTALLATION

P villain provides turnkey services, including design, engineering, permitting, manufacturing and installation. P villain also works with architects, landscape architects, engineers, or general contractors to provide detailed specifications for custom installations.
**Single Pole Solar Sail**

**DESCRIPTION**

Pvilion’s Single Pole Solar Sail is a lightweight fabric structure that is durable, beautiful, and energetic. The single pole allows for flexible applications in parks, outdoor areas, beaches, and gathering spaces.

**SPECIFICATIONS**

**FRAME:**
16’ x 16’ x 16’ h
Powder-coated Steel Tube, Manufactured by Pvilion

**ENERGY OUTPUT:**
800W
12V Charge Controller
10W Solar Panel (2)
LED Wash Lights (9)

**FABRIC SPECIFICATION:**
Pvilion Patented Technology using PVC Coated Polyester fabric with a 25-year material warranty.

**SOLAR POWER OUTPUT WARRANTY:**
80% of rated power after 20 years
Double Pole Solar Sail

**DESCRIPTION**

Pvillon’s cantilevered Double Pole Solar Sail simultaneously provides shelter, shade, and energy. This is a perfect product to be placed over benches, seating, tables, and gathering spaces. The cantilevered double-pole design allows free movement in and around the structure.

**SPECIFICATIONS**

**FRAME:**
- 13’ x 15’ w x 15’-4” h
- Powder-coated Steel Tube, Manufactured by Pvillon

**ENERGY OUTPUT:**
- 500W
- 15A Charge Controller
- E-Service Ports (2)
- LED Warm Lights (2)

**FABRIC SPECIFICATION:**
- Pvillon Patented technology using PVC-Coated Polyester fabric with a 20-year material warranty.

**SOLAR POWER OUTPUT WARRANTY:**
- 80% of rated power after 20 years
“The installation of the solar canopies designed by Pvilion and GreenbergFarrow in Skyland Park is providing a valuable service to our community. Park users are able to enjoy the facilities while powering their cell phones, tablets and usb connected gadgets. We designed this park with all ages in mind, from youngsters and millennials to senior citizens, and the solar canopies have contributed to us achieving this goal.”

Brian Borden, Director of Parks & Recreation City of Brookhaven

Get in touch

Pvilion designs, engineers, and manufactures many of its products out of its Brooklyn headquarters, located in DUMBO. If you’d like to schedule a tour or a meeting, or just check it out, please let us know.

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