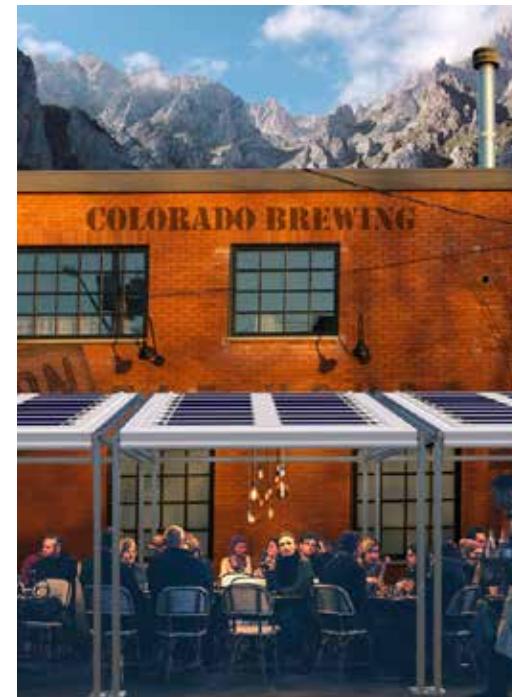


lightweight solar canopy

Effectively, a relocatable canopy integrated with solar panels; the Lightweight Solar Canopy can provide sustainable power anywhere that receives sunlight. All of Pvilion's Solar-Powered Fabric Products are fully turn-key solutions – providing energy in any location where fabric is exposed to the sun. The technology eliminates the need of having two separate systems: fabric shade/shelter and solar panels. Instead, Pvilion integrates the solar power into its fabric to achieve one turn-key product that provides charging, lighting, ventilation, climate control all in an easy to install manner.



Features

Flexible Solar Technology

After years of development and testing, field use, and proprietary lamination technology, Pvilion provides award-winning designs that are elegant, field-tested, durable, lightweight and flexible. Pvilion's products are weather resistant, able to withstand extreme temperatures, snow and high wind conditions.

Solar Power Output Warranty

80% of rated power after 20 years

Energy Output

	ENERGY OUTPUT	ENERGY STORAGE	POWERS
Low Energy	210W Solar Output 12 Volt Output (6) USB Charging Ports	Integrated deep cycle AGM batteries can provide up to 150-200 Amp Hours of energy storage for up to three full operational days of energy without sun. (Lithium Ion batteries optional for reduced volume and weight).	(50) cell phones daily (5) Laptops (2) LED Lights
Medium Energy	420W Solar Output 12 Volt Output (6) USB Charging Ports	Integrated deep cycle AGM batteries can provide up to 300-400 Amp Hours of energy storage for up to three full operational days of energy without sun. (Lithium Ion batteries optional for reduced volume and weight).	(150) cell phones daily (10) Laptops (3) LED Lights
High Energy	630W Solar Output 12 Volt Output (6) USB Charging Ports (4) x 15-amp 120v outlets	Integrated deep cycle AGM batteries can provide up to 600-700 Amp Hours of energy and storage for up to three full operational days of energy without sun. (Lithium Ion batteries optional for reduced volume and weight).	(250) cell phones daily (20) Laptops (1) Electric Bike (3) LED Lights

Frame

DIMENSIONS	MATERIAL	DURABILITY	CORROSION RESISTANCE	FINISH & COLORS
10' L x 12' W x 8' H (eave) 11' H	Anodized Aluminum Frame	Withstands damage better and last longer.	Anodized aluminum provides a protective barrier that helps prevent corrosion.	Frames can be powder coated as an option.

Fabric

MATERIAL & CARE	FABRIC COLORS*	CUSTOM BRANDING	WARRANTY & CARE	FIRE RATINGS	WEATHER PROTECTION
Pvilion Patented Technology using high-strength PVC coated polyester fabric.	<input type="radio"/> White <input type="radio"/> Cream <input type="radio"/> Latte <input type="radio"/> Blue <input type="radio"/> Sunblaze Red	The integrated solar fabric used on Pvilion Solar Powered Structures can be marked with custom printing to show a company's logo or brand.	Pvilion's Proprietary PV/Fabric Technology comes with 2-year warranty on materials and workmanship. Base fabric has a 20-year pro-rated warranty. The fabric is self-cleaning however periodically spray and damp cloth cleaning may be required.	CFSM Title 19, NFPA 701	Pvilion's Solar Structures are waterproof, fire-retardant, and UV-resistant. Our products are heavy-duty and built to last.

*The colors represent here do not necessarily depict the exact color of the product and should only be used as a guide for color selection. Sample swatches are available upon request.

Features (cont.)



Return on Investment

As the price of electricity steadily increases year over year, Pvilion solar products can save on annual energy costs. The products are also eligible for a 26% Investment Tax Credit (ITC), which is a one-to-one credit for the purchase of the solar unit. Additionally, many states offer incentives for municipal buildings to install solar panel systems.



Pvilion Design Team

Whether it's selecting the right size for your purposes, visualizing our products on your site, or developing the technology - Pvilion's experts are here to help. Please contact us to request a quote.

Get in touch →

For further information and to schedule a meeting, please contact
Colin Touhey, CEO, Ctouhey@pvilion.com 347.302.2165

Why Pvilion?

Pvilion Solar Structures provide the convenience of solar energy to accommodate for temperature control, lighting and other energy needs.

Pvilion's Solar-Powered Fabric Products are fully turn-key solutions that provide energy in any location where fabric is exposed to the sun.

Pvilion provides solar canopy structures that are light weight, flexible, and easy to install, yet durable and energy efficient.

Pvilion Solar Structures increase your business usable space while retaining customers by keeping them comfortable, socially safe and happy.

Pvilion Solar Strucures can charge Heavy Duty equipment independently from the local electric grid, eliminating the environmental impact associated with traditional sources of energy and the need to create permanent infrastructure.