

solar powered awning kits

Escape Off the Grid While Being Fully Powered

A camping adventure is a great way to disconnect from the day-to-day grind while connecting with the great outdoors. Still, access to some basic appliances can make a camping trip so much more comfortable. With Pvilion Solar-Powered Awnings now a part of the Davis Tents and Awnings eco-friendly product line offerings, there is no excuse to not be comfortable when camping.

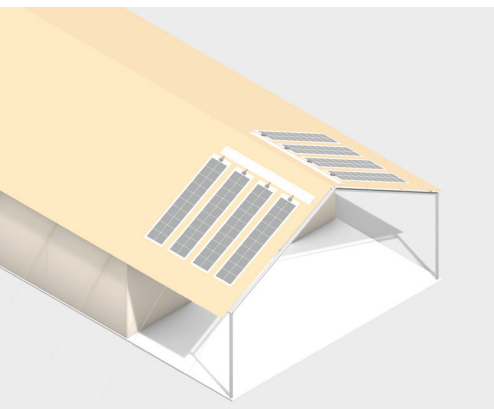


PVILION X DAVIS TENTS

Pvilion Brings Solar Powered Awning Kit to Davis Tents and Awnings:

Pvilion is an industry leader in providing solar powered canopy structures that are light weight, flexible, easy to install, yet durable, energy efficient and above all environmentally friendly. Pvilion's products are turnkey and support unique space and location configurations. Davis Tent and Awnings, with Pvilion's state-of-the-art technology, offers a cost effective, quick and reliable outdoor structure solution. The solar awning can be erected and electrically operational within a minimal amount of time.

The Base Model can power lighting in addition to small appliances and charge mobile devices such as cellular phones. The more deluxe Comfort Model can power campground lighting in addition to larger appliances such as, televisions, mobile devices, climate control units, cooking ranges. Covered by solar cell integrated fabric and complete with a battery kit, the awning, when setup in a location that receives sunlight, can be operated independently for up to 3 days. The solar awning can be custom sized to fit any Davis Tent. The solar fabric is flexible, yet durable and energy efficient. **NO CARBON FOOTPRINT IS LEFT BEHIND!**



Benefits of Camping with Pvilion's Solar Powered Awning Kit:



Cost Savings

The upfront extra cost is more than made back over time as the awning saves money and protects the environment. No costly carbon emitting generator is required when using solar power. Remember, the sun is free!



Flexibility

The awnings are made of light weight solar panels. They can be easily transported in a case to a remote camping site and quickly deployed to power lights and mobile devices. Just ensure the location has exposure to the sun.

Solar power provides independence, not only from the grid, but from being limited to the few campsites that offer power outlets. Let solar power expand your range of exploration.



Safety & Environment

Solar power, either by itself or as a supplement to a generator, improves overall safety as the camper can always be powered and connected to the world. If there is sun exposure, the awning solar panels will be able to provide power to recharge smart phones or other electronic devices that might be needed to contact help in an emergency. Solar power is environmentally friendly, with none of the toxic overhead and fumes from fossil fuel powered traditional generators. The awnings leave no carbon footprint behind.



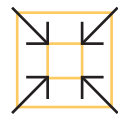
Silence

Solar power is silent, never disturbing the tranquility sought in the great outdoors. The native fauna, neighboring campers or your own sleep will not be disturbed by a noisy, fume emitting generator. The silence will bring you closer to nature.



Ecological Footprint

Pvilion's Solar Powered Awning helps reduce the ecological footprint. No carbon-based fuels are needed for lighting or to recharge a smart phone. There is no impact on environment.



Weight & Space Saved

Pvilion's Solar Powered Awning is convenient and easy to store. It has none of the size and weight overhead found with traditional generators and there is no need for heavy cans of gas fuel supplies.

Pvilion's Solar Powered Awning is roof mounted, leaving the camp site unencumbered by the obstacles like a traditional generator.

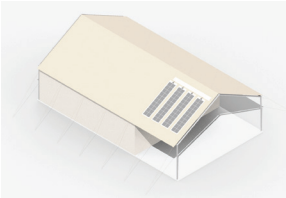
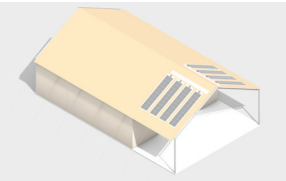


Flexible Solar Technology

Pvilion is globally recognized for its award-winning designs that are elegant, field tested, durable, lightweight and flexible.

Pvilion's products are weather resistant, able to withstand extreme temperatures, snow, rain, hail and high wind conditions.

Technical Specifications

MODEL	POWER & CHARGE TIME	BATTERY	ENERGY OUTPUT	FABRIC SPECIFICATIONS	WEATHER RESISTENCE
Base 	<p>Rated Power: 136 Watts Cell Type: High Efficiency Monocrystalline Charging Times: 36 - 72 Hour USB Charging Ports</p> <p>Connections: (2) USB Charging Ports (2) 15-amp 120 Volt Outlets</p>	<p>Make: Lithium Dimension: 400 x 245 x 272 mm Weight: 24kg Socket Type: Standard Charging Input: 48V Solar DC Charging Output: AC 220V110V / DC 24V, USB 5V Inverter Type: Pure Sine Wave Rated Power: 2000W Battery Capacity: 25.9V 104Ah Shell Material: ABS+PC/Fe Warranty: 24 Months</p>	<p>Output: 136-Watt Solar Output 24V Volt Output</p> <p>Supports: (20) cell phones daily (2) Laptops (6) LED Lights</p>	<p>Warranty: Pvilion's Proprietary PV/Fabric Technology comes with 1-year warranty on materials and workmanship.</p> <p>Fire Ratings: CFSM Title 19, NFPA 701</p>	<p>Inclement Weather: Pvilion's Solar Solution is designed to handle a wide range of climates and conditions, including heavy rain, hail, wind, heat and cold.</p>
Deluxe Comfort 	<p>Rated Power: 272-Watt Solar Output Cell Type: High Efficiency Monocrystalline Charging Time: 4 Hours</p> <p>Connections: (2) USB Charging Ports (2) 15-amp 120 Volt Outlets</p>	<p>Make: Lithium Dimension: 400 x 245 x 272 mm Weight: 24kg Socket Type: Standard Charging Input: 48V Solar DC Charging Output: AC 220V110V / DC 24V, USB 5V Inverter Type: Pure Sine Wave Rated Power: 2000W Battery Capacity: 25.9V 104Ah Shell Material: ABS+PC/Fe Warranty: 24 Months</p>	<p>Output: 136-Watt Solar Output 24V Volt Output</p> <p>Supports: (30) cell phones daily (10) Laptops (10) LED Lights (1) High efficiency refrigerator</p>	<p>Warranty: Pvilion's Proprietary PV/Fabric Technology comes with 1-year warranty on materials and workmanship.</p> <p>Fire Ratings: CFSM Title 19, NFPA 701</p>	<p>Inclement Weather: Pvilion's Solar Solution is designed to handle a wide range of climates and conditions, including heavy rain, hail, wind, heat and cold.</p>

Pvilion's Solar Powered Awnings:

Independant operation

Covered by solar cell integrated fabric and complete with a battery kit, the awning, when setup in a location that receives sunlight, can be operated independently for up to 3 days.

Convenience

Prove the convenience of solar energy to accommodate for temperature control, lighting and other energy needs.

Turn-key solution

Our awnings are cost-effective means of power and a fully turn-key solutions that provide energy in any location where fabric is exposed to the sun.

Light weight & flexible

Our awnings are light weight, flexible, and easy to install, yet durable and energy efficient.

Add extra space

increase your usable space while keeping comfortable, safe and happy.

Charge gear and equipment

Our awnings can charge Heavy Duty equipment independently from electric grids, eliminating the environmental impact associated with traditional sources of energy.

Easy integration

integrated entirely into a system already being installed.

Environmentally Conscious

Reduces the dependency on costly, loud, and environmentally dirty generators.

Supports small electronics

Supports USB ports, A/C port, and power energy efficient small items.

Customizable

Can be custom sized to fit any Davis Tent and is made of a solar fabric that is light weight and flexible, yet durable and energy efficient.

Get in touch →

For further information and to schedule a meeting, please contact Tim Burke, tburke@pvilion.com, 617-734-5164