PVS Solar Shelter

Atkore™
Unistrut

Sustainability

Solar power

We are committed to continuously improving our corporate citizenship. The goal of Atkore's Environment, Social and Governance (ESG) effort is to promote growth that takes into account human well-being and the environment.

Climate change presents significant challenges for businesses, communities, and the planet. **Atkore is committed to reducing GHG emissions across our operations, utilising our product offerings to support the low carbon economy transition**, and strategically addressing the implications of climate change for our business.

Solar power is the conversion of energy from sunlight into electricity for example, by using photovoltaics (PV). Photovoltaic cells convert light into an electric current using the photovoltaic effect.

Photovoltaics were initially solely used as a source of electricity for small and medium-sized applications, from the calculator powered by a single solar cell, to remote homes powered by an off-grid rooftop PV system. Commercial concentrated solar power plants were first developed in the 1980s. Since then, as the cost of solar electricity has fallen, grid-connected solar PV systems' capacity and production have grown more or less exponentially, doubling about every three years. Millions of installations and gigawatt-scale photovoltaic power stations continue to be built.

In 2022 solar generated 4.5% of the world's electricity, with almost half the solar power installed on rooftops.

Solar shelter from Atkore Unistrut

PVS Solar Shelter

Discover the PVS Solar Shelter: a brand-new product that protects your solar inverter from the elements. The flat pack shelter offers a solid, modular construction with a rapid assembly time.

Why Atkore Unistrut PVS Solar Shelter?

- Durable and solid: high-grade zinc magnesium roof offers high corrosion protection and the system is constructed using Atkore Unistrut profiles.
- Assembly time from flat pack to installation in under 7 minutes.
- Modular construction with optimal price/quality balance.
- Optional add-ons available: joiners, protective roof supports and multiple mounting supports.
- Various versions available: singular, double or wall mounted.
- Increased fire safety, due to outside location of inverters.
- Space-saving inside the building.

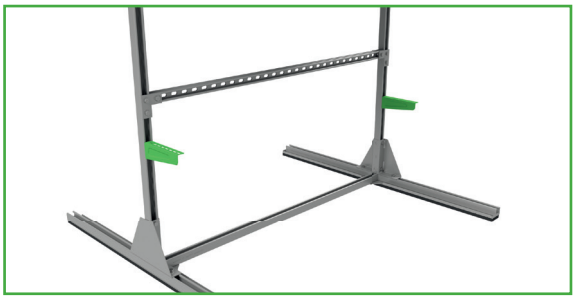
Accessories

PVSA-DFCW
Mounting support for counterweight

Zinc magnesium	↔ mm		Unit
PVSA-DFCW	1500	2	pc

PVSA-SRAP
Slanted roof adjustment piece

Hot-dip		Unit
PVSA-SRAP	2	pc



PVSA-MSFP
Mounting support set for wire baskets

Zinc magnesium	↔ mm		Unit
PVSA-MSFP	200	2	pc

PVSA-1065
Connecting plates PVS

Hot-dip		Unit
PVSA-1065	2	pc

PVS Solar Shelter

Product details

PVSS1500

PVSD1500

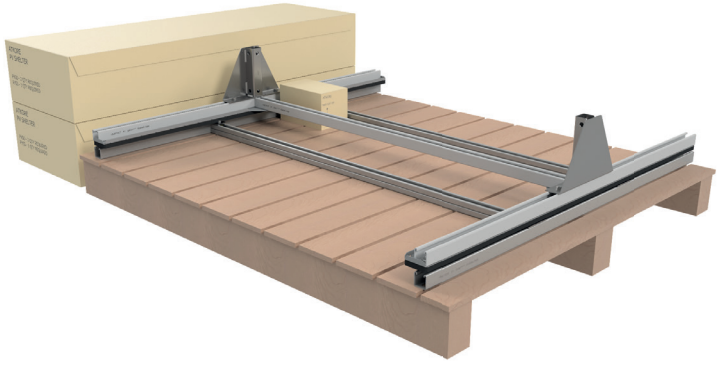
PVSW1500

Reference	↕ mm	↔ mm	⇆ mm		Unit
PVSS1500	1500	1500	750	1	pc
PVSSD500	1500	1500	1500	1	pc
PVSW1500	1500	1500	490	1	pc

Easy & rapid install - under 7 minutes

Genuine Atkore Unistrut profiles and Atkore zinc magnesium roof

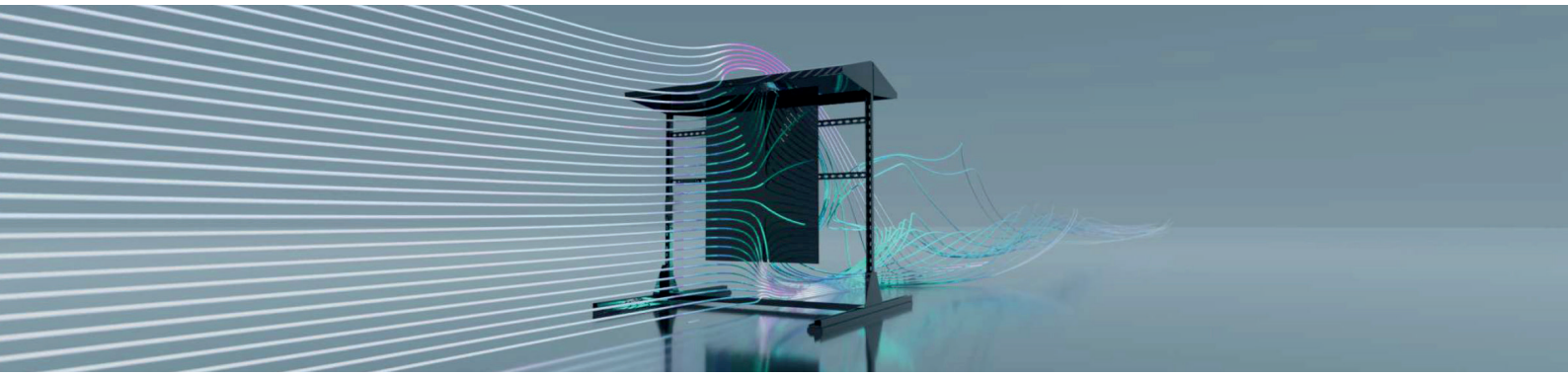
Quality British design and manufacturing



*Wire basket sold seperately

Wind tunnel research

Cutting edge technology

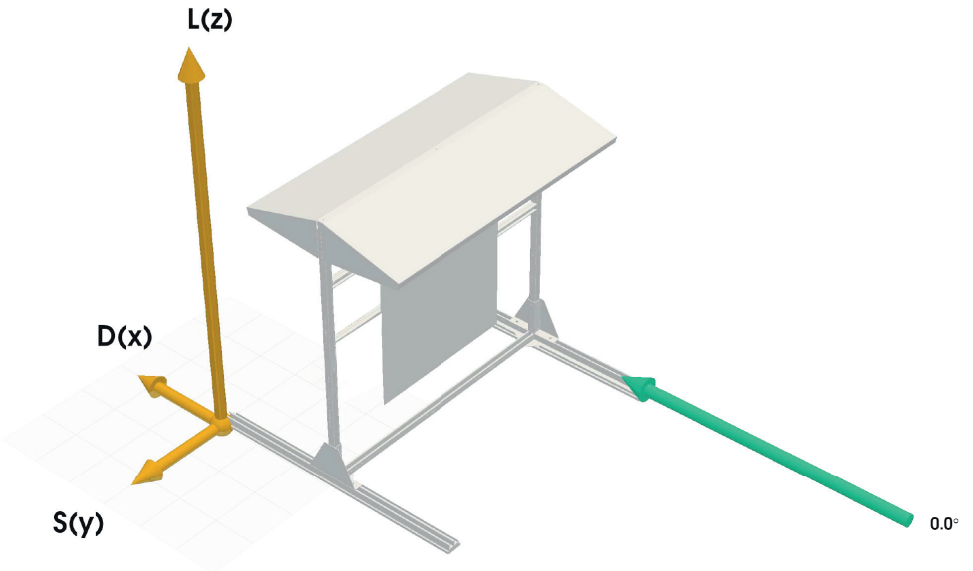


Testing the limits

In an ongoing effort to lead in technological advancements and deliver high-quality products, Atkore Unistrut's R&D team uses an advanced wind tunnel to conduct extensive tests on our most innovative products. These experiments are aimed at understanding the interaction between our structures and the forces of wind, providing us with valuable insights to enhance the performance and reliability of our products.

The insights gained go beyond mere product enhancement. They have provided us with valuable knowledge for designing robust structures and installations in diverse contexts. Our research underscores that thorough analysis, coupled with practical experiments under realistic conditions, crucial for predicting and designing structures that are optimally resistant to wind loads.

This research initiative marks a crucial step forward in Atkore Unistrut's ongoing commitment to innovation, quality, and sustainability. Our R&D department remains dedicated to developing pioneering solutions that meet the highest industry standards.



Renewable energy is the future of our planet. In 2024, 33% of the world's electricity is forecast to come from renewable energy, solar being one of the main contributors. Listening to customer voice in the solar sector, combined with Atkore's focus on innovation, we have designed a PV Solar Shelter which is not only simple and fast to install from "flat pack" on-site, but also offers accessibility to even the trickiest of locations. To further enhance this offering, a range of optional accessories are available, tailoring the product to your configuration.

- Jes Astley,
UK Renewables Manager

Atkore™ | BUILDING BETTER TOGETHER

Atkore UK
Delta Point
Greets Green Road
West Bromwich
B70 9PL
UK

CONTACT US / +44 (0) 121 580 6300

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