



Powerfilm solar Christmas Island

What is a PowerFilm solar panel?

Powerfilm specialise in flexible and mini solar panels. Mini panels are perfect for hobby & OEM applications & flexibles for use in boating & expeditions.

Who is PowerFilm?

PowerFilm designs and manufactures custom solar cells, panels, and power solutions for energy harvesting, portable, and remote power applications using proprietary thin-film or high-efficiency crystalline PV technology. We develop high-quality custom solar solutions for IoT, transportation, military, and consumer applications.

Is PowerFilm a US based solar company?

Celebrating over thirty years in business, PowerFilm is proud to be one of the few US-based solar manufacturing companies operating today. The Soltronix brand brings PowerFilm expertise, innovation, and commitment to US-based semi-flexible crystalline silicon solutions.

What makes PowerFilm unique?

PowerFilm's proprietary manufacturing provides custom amorphous silicon panels that work in any light environment, including the indoor, industrial lighting of many IoT sensor applications. Celebrating over thirty years in business, PowerFilm is proud to be one of the few US-based solar manufacturing companies operating today.

What is a thin-film solar system?

Our thin-film line is well suited for designs that take advantage of the material's thin, flexible, and lightweight nature. Like traditional rooftop solar, this technology is well suited for medium to high power rugged applications where power density is a critical requirement.

What is IoT & why should you use PowerFilm?

Devices used in IoT are often extremely low power, light energy outdoors and indoors can be used to extend or replace traditional batteries, making long-term maintenance-free solutions possible. Since PowerFilm's beginning over 30 years ago the US Department of Defense has been our largest lifetime customer.

These thin-film flexible solar panels are well suited to power the wireless devices and sensors of the emerging IoT industry and many other electronics. Menu. Expand search form ... Classic Application Series panels are optimized to ...

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