

Solar panels work through the photovoltaic (PV) effect. When sunlight hits the panels, it creates an electric current that is first used to power electrical systems in your home.

We can envision a Belgium where a satellite "factory of the future" in Charleroi is sending off hundreds of mini-satellites, where cutting-edge Belgian components are on the Moon and Mars ...

Home solar panels are rapidly becoming mainstream. We'll help you decide if a home solar panel system is right for you.

Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy incident on Earth is ...

With 7,000 square meters of production area and 4,000 square meters of clean room, it will be the third largest satellite factory in the world. Since announcing the factory in 2022, the ...

Solar power is energy from the sun that is converted into thermal or electrical energy. Solar energy is the cleanest and most abundant renewable energy source available, and the U.S. has some of the ...

Both at the factory in Ottignies-Louvain-la-Neuve and at the megafactory in Charleroi, we own and operate all the testing facilities relevant for satellite manufacturing, which promotes the ...

Belgian-based Aerospacelab has broken ground on a satellite manufacturing megafactory that, once operational, will be capable of producing up to 500 satellites a year. The new ...

Discover why rising electricity prices make solar a great investment in 2026, even after the 30% federal tax credit expires. We break down the long-term savings.

Governments, institutions and companies rely on Thales Alenia Space to design, operate and deliver satellite-based systems that help them position and connect anyone or anything, everywhere, help ...

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027. Almost 70 ...

Students use SOLAR to register for classes, print schedules, view and pay bills, update personal contact information, view transcripts, and submit student employment timesheets.

Aerospacelab, a Walloon company specializing in small satellites, officially launched its satellite

"mega-factory" on Tuesday, 14 June. Located in Charleroi, the plant will be able to ...

La start-up Aerospacelab cr&#233;&#233;e en 2018 &#224; Mont-Saint-Guibert, nouvelle &#233;toile montante de l'&#233;conomie num&#233;rique et technologique wallonne, con&#231;oit, fabrique et exploite des satellites ...

Solar technologies are categorized as either passive or active depending on the way they capture, convert and distribute sunlight and enable solar energy to be harnessed at different levels around the ...

There are two main types of solar energy technologies--photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar ...

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