

Who is Ascent Solar Technologies?

Backed by 20+ years of R&D, 17 years of manufacturing experience, numerous awards, and a comprehensive IP and patent portfolio, Ascent Solar Technologies, Inc. (ASTI) is a leading provider of innovative, high-performance, flexible thin-film solar panels for use in scenarios where traditional rigid solar panels don't work.

What is Ascent Solar?

Ascent Solar Technologies, Inc. is a company that manufactures and commercializes photovoltaic (PV) modules using its proprietary thin film technology. They integrate these PV modules into various applications such as aerospace, defense, transportation, and electronic products.

What's going on with Ascent Solar?

"Since coming aboard the Company in September 2022, my priority has been to execute an aggressive turnaround plan and to re-establish Ascent as the leading provider of high-performance, flexible thin-film solar modules for use in scenarios where traditional rigid panels don't work," said Jeffrey Max, President and Chief Executive Officer of ASTI.

Where are Ascent Solar panels manufactured?

Ascent Solar's panels are manufactured at its 5 MW nameplate production facility in Thornton, Colorado. Ascent Solar has cemented itself as the leader in the manufacturing of innovative, high performance, flexible thin-film solar panels for both existing and emerging agrivoltaic, space, and aerospace applications.

Where is Ascent Solar located?

Ascent Solar's Headquarters & Perovskite Manufacturing Center of Excellence are located in Thornton, Colorado.

When did Ascent Solar start production?

On March 11, 2009, Ascent Solar commenced regular production at their facility in Colorado. The company began with a one-shift production schedule. In September 2022, the company announced Jeffrey Max as new CEO

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Overview Technology Market history Corporate history See also External links Ascent Solar Technologies, Inc. is a publicly traded photovoltaic (PV) company located in Thornton, Colorado. Its primary product is a flexible

CIGS solar cell on a plastic substrate.

With 40 years of R& D and a comprehensive patent portfolio behind it, Ascent Solar is the leading provider of CIGS solar technology. Ascent's unique patented monolithic integration process enables the highest level of flexibility, efficiency, durability & weight savings, revolutionizing the way solar power can be used in everyday life.

Ascent's photovoltaic (PV) modules have been deployed on space missions, multiple airborne vehicles, agrivoltaic installations, in industrial and commercial construction as well as an extensive range of consumer goods, revolutionizing the use cases and environments for solar power.

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THORNTON, Colo., Nov. 02, 2023 (GLOBE NEWSWIRE) -- Ascent Solar Technologies, (Nasdaq: ASTI) ("ASTI" or the "Company"), the leading U.S. innovator in the design and manufacture of featherweight, flexible, and durable CIGS thin-film photovoltaic (PV) solutions, announced today that it will soon release a newly developed solar module ...

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