

Solar Panel Cleaning Market to Targets \$1.1 Billion by 2031

Global Solar Panel Cleaning Market Projected to grow at 6.8% CAGR To 2031

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According to a new report published by Allied Market Research, The solar panel cleaning market size was valued at \$0.6 billion in 2021, and is estimated to reach \$1.1 billion by 2031, growing at a CAGR of 6.8% from 2022 to 2031.



Key players operating in the global solar panel cleaning market forecast include, AX System, Clean Solar Solutions Ltd., Ecoppia, Ecovacs, Enel Green Power S.p.A, Heliotex, IP Cleaning Srl,



The solar panel cleaning industry has been driven by the growing adoption of solar photovoltaics across the globe."

Allied Market Research

Indisolar Products Private Limited, Parish Maintenance Supply, Pacific Panel Cleaners, LLC., Premier Solar Cleaning, SCM Solar, Sharp Corporation, Serbot AG, and Saint-Gobain Group.

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Asia-Pacific garnered the highest solar panel cleaning market share of 43% in 2021, in terms of revenue, growing at a CAGR of 7.2%.

Solar panel cleaning market is projected to exhibit high growth potential and will create ample amount of opportunities for expansion of <u>solar panel cleaning system</u>.

In regions with heavy rainfall, solar panel cleaning can be delayed; but in dry regions, solar panels cleaning is indispensable.

The market is primarily driven by the expanding global demand for energy, growing environmental awareness, and depletion of fossil fuels.

By process, the semi-automated segment is estimated to display the highest growth rate, in terms of revenue, registering a CAGR of 7.1% from 2022 to 2031.

By technology, the wet cleaning segment is anticipated to register the highest CAGR of 7.1% during the forecast period.

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The use of solar energy is being promoted by governments across the globe. This has led solar panel cleaning equipment manufacturers to start local production of robotic solar panel cleaning system.

In addition, solar panel installation has been escalating as a result of the increased need for clean, sustainable energy, which is further fueling market expansion.

The installation of solar panels for electricity generation, which was strongly dependent on China and India, as well as the world economy both, suffered from the health crisis brought on by the spread of COVID-19.

Due to supply chain interruption and a lack of raw materials, manufacturing units were forced to shut down during the lockdown, and, in turn, negatively impacted the solar panel cleaning equipment market statistics.

However, it is anticipated that sales of solar panels for power generation will increase in the next years due to elements including supportive government policies and initiatives to fulfil expanding energy demand using renewable energy sources.

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The energy from the sun is captured by a solar panels or photovoltaic solar panels, which then produces electricity to be used in end-use industries. For effective operation, these panels must be cleaned.

Solar panel cleaning solutions are required because the dust on PV panel surfaces has a significant impact on energy output and can reduce efficiency by up to 50% in dusty environments. and also increasing need for clean and sustainable energy will expand the market in the coming years.

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https://www.globenewswire.com/news-release/2023/03/30/2637849/0/en/Floating-Photovoltaics-FPV-Market-Is-Expected-to-Reach-106-0-Million-by-2031-Allied-Market-Research.html

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