

# Photovoltaic panels manufactured by aerospace



## Overview

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Sparkwing offers a high value for money, short lead time, easy to integrate solar array from an experienced team and a reliable supply chain. Sparkwing is a product of Airbus Netherlands (Airbus NL). Our product has its foundation built on 40 years' worth of experience providing. Our solar cells and CICs are the highest efficiency commercially available products in the industry offering more than 4MW of power delivered for flight missions. From the compact-class efficiency of Sparkwing arrays, offering up to 200 W/m<sup>2</sup> for. Spectrolab offers a range of GaInP/GaAs/Ge lattice matched 3J solar cells with efficiencies reaching 32%. Our lightweight arrays have powered a variety of critical missions, including: Photovoltaic subassemblies feature the. We are delivering the next generation of space-stable silicon photovoltaics. Our efficient, reliable, radiation-hardened solutions feature competitive performance and lower cost than III-V multijunction solar products. PLATO (PLANetary Transits and Oscillations of stars mission) mission goal.

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### SpaceTech solar arrays for space

SpaceTech has shipped the first four solar array panels for the European Space Agency - ESA PLATO spacecraft mission to Thales Alenia Space. These panels are being developed in a cooperation of ...

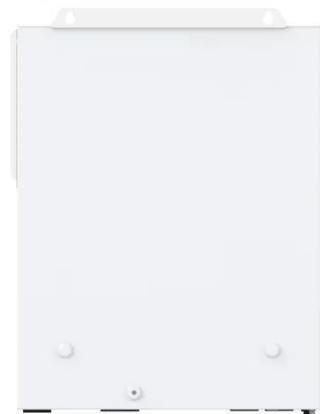
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### Solar Array Products

Northrop Grumman is the industry leader in the design, development, and production of unique and turnkey solar array systems that provide electrical power to spacecraft systems.

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### Solar Solutions , Rocket Lab

Rocket Lab's space qualified solar panel arrays meet the rigorous demands of space, delivering reliable and efficient power solutions for a wide variety of satellites.

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### Welcome , Azur Space



AZUR SPACE is a global leader in development and production of multi-junction solar cells for space photovoltaics (PV) and terrestrial concentrating photovoltaics (CPV) applications.

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### Sparkwing solar arrays

Our product has its foundation built on 40 years' worth of experience providing satellites with power. Since 1979, more than 85 space missions have flown or are flying with Airbus NL's solar arrays, all of ...

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### Solar Energy in the Aviation Industry

In the context of aviation, solar energy can be harnessed using photovoltaic cells, commonly known as solar panels, which convert sunlight into electricity. Solar-powered aircraft utilize ...

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### Space Solar Arrays , MMA Space

Our high performance, deployable and nondeployable/body-mounted, semi-rigid-panel solar arrays lead the industry in delivering kilowatts per cubic meter for all spacecraft platforms.

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## Solar array products , Space Equipment , Airbus

As a leading European manufacturer of power solutions, Airbus has vast experience in providing turnkey solar arrays, photovoltaic assemblies and solar cell assemblies for institutional and commercial ...



48V 100Ah

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