Aerospace-grade photovoltaic panels for power generation

Our solar cells and solar power modules are thin, lightweight, and flexible, easily lending themselves to the next generation of roll-out solar arrays. Our solar power modules have a 5-centimeter bend ...

RD2 uses flat panels, with solar cells facing away from Earth and microwave emitters facing toward the Earth. RD2 generates power 60% of the year due to its limited capability to reposition itself or redirect ...

Spectrolab manufactures and tests fully-integrated solar panels for commercial, civil and defense missions. These solar panels are then delivered to satellite prime contractors for integration onto ...

With power levels up to 2,000W and a cell layout configurable to any bus voltage, we can optimize the solar array for your mission in LEO, MEO, GEO or interplanetary orbits.

This collection serves as a dedicated platform for the exploration and dissemination of cutting-edge research in space-based solar energy systems.

Satellite Solar Panels for space applications from multiple manufacturers are listed on SATNow. Use the filters to select products based on your requirement. View product details, download datasheets, ...

Our state of the art triple junction cells can convert the solar radiation into electricity with the efficiency above 30% in space applications and are manufactured using III-V compounds (GaAs and InGaP) as ...

For almost 50 years, the National Renewable Energy Laboratory (NREL) has developed solar cells to power satellites and spacecraft. Today, we are working to improve the durability, performance, and ...

SmallSat and CubeSat Support: We offer a range of solar panel sizes and power options to fit CubeSats and SmallSats, using our most efficient space-grade solar cells. Our lightweight and durable panel ...

Airbus provides turnkey solar arrays, photovoltaic assemblies and solar cell assemblies for institutional and commercial applications.

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