# Spacecraft Photovoltaic Panel Purchase

Where do Spectrolab solar panels power?

Spectrolab's solar cells and panels power satellites in Earth's orbit,as well as the International Space Station. Note: The International Space Station's solar panels are equipped with 275,000 silicon cells. The solar panels are also the largest power generating panels ever deployed in space with a total power output of 200kW.

Which solar panels are compatible with CubeSat?

The panels are used by our own missions. Available in a variety of configurations, the PHOTON solar panels are designed to be compatible with AAC Clyde Space ZAPHOD structure range. The side solar panels are designed to fit at the side panels of our CubeSat structures, to provide optimized power generation from any side of the satellite.

How can solar cells reimagine packaging?

Our flexible,low mass,and radiation-hardened solar cell allows us to reimagine packaging. We replace cover glass and composite substrate with polymer layers,resulting in a thin solar power module that can withstand up to 10 years in a variety of destinations in space.

Which solar panels are compatible with AAC Clyde Space Zaphod?

The AAC Clyde Space PHOTON solar panelsare designed for maximum power generation and ease of platform integration. The panels are used by our own missions. Available in a variety of configurations,the PHOTON solar panels are designed to be compatible with AAC Clyde Space ZAPHOD structure range.

What is a proton solar array?

PHOTON solar arrays are delivered in a rugged container suitable for storage before integration. Custom solar arrays are available upon request. Why the PHOTON Solar Arrays?

Can Spectrolab solar cells be purchased as bare cells?

Spectrolab's space solar cells can be purchased as bare cellsor assemblies complete with space-qualified coverglass,bypass diode,and interconnects for welded connections between solar cells (CICs). Spectrolab's Industry Leading Technology with 32% efficiency! DOWNLOAD DATA SHEET XTE-SF DOWNLOAD DATA SHEET XTE-HF DOWNLOAD DATA SHEET XTE-LILT

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