



2-in-1 Antenna & Power System with EnduroSat's solar panel . Mechanical compatibility with 6U CubeSat structures UHF Antenna 2U with Solar Panel. UHF/VHF Antenna with GNSS antenna . UHF Antenna for 12U/16U platform. Total . 1. Add to cart. You are one step closer to space



EnduroSat's 1.5U Solar Panel, is a flight proven, three-cell solar panel and is capable of generating up to 3.6 W in LEO. Triple Junction Solar Cells for Space Applications with efficiency higher than 29.5%. The solar panel supports multiple integrated sun sensors and gyroscope, optional magnetorquer.



EnduroSat's 3U Solar Panel, is a flight proven, seven-cell solar panel and is capable of generating up to 8.4 W in LEO. Triple Junction Solar Cells for Space Applications with efficiency higher than 29.5%. The solar panel supports multiple integrated sun sensors and gyroscope, optional magnetorquer. Configurations: - Panel without MTQ: 0.127 kg



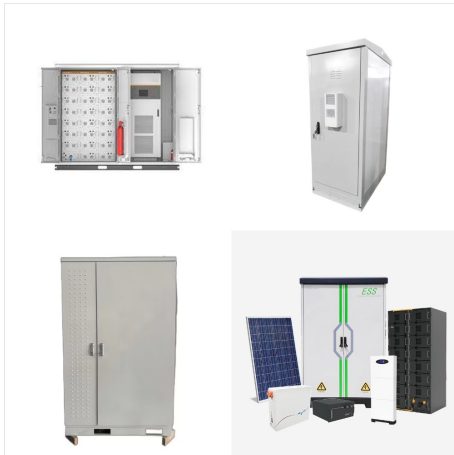
1U Solar Panel X/Y 1U Solar Panel Z Discover EnduroSat's Space Service innovations. Design your mission and get to orbit! Space Service . Online Payload Booking . Fixed Price of Service . Universal integration Compatibility . Software - Defined Satellites



Power Supply Features EPS I EPS I+ EPS II # of Input Channels from Solar Panels 3 3 3 Redundant Solar Panel Connectors - - X Current Limitation (for Input and Output Channels) up to 5.5 V up to 5.5 V 10A??36 V Input Current (per Solar Panel Channel) up to 1.8 A up to 1.8 A up to 4 A Integrated Blocking Diode (for each Solar Panel Channel) X X X



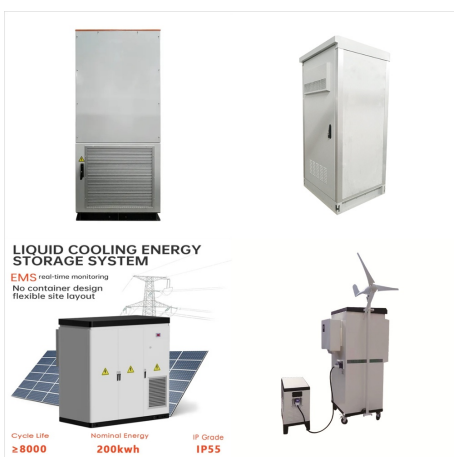
The EnduroSat 1U Solar Panel utilizes two highly efficient triple junction solar cells. The Solar Panel supports multiple integrated sensors and is fully compliant with the CubeSat standard. The Z axis variant of the solar panel is compatible a?|



The EnduroSat 3U Deployable Solar Array utilizes 14 triple junction solar cells arranged into 1 fixed + 1 deployable panels. The system is fully compliant with the CubeSat standard, and the deployable solar array can potentially double the energy generation capability of a a?]



The EnduroSat 1U Cubesat solar panel X/Y is equipped with 2 CESI Solar cells of type CTJ30 with up to a 29.5% efficiency. The wide effective cell area is the largest possible for solar panels suitable for 1U CubeSats and provides up to 2.4 Watts per panel in a LEO. The 1U Solar Panels are also compatible with EnduroSat's 3U and 6U structures.



The EnduroSat 1U Solar Panel utilizes two highly efficient triple junction solar cells. The Solar Panel supports multiple integrated sensors and is fully compliant with the CubeSat standard. The Z axis variant of the solar panel is compatible with the EnduroSat UHF Antenna II. The high power generation capabilities, radiation and temperature



EnduroSat's 3U Deployable Solar Array, is a flight proven solar panel and is capable of generating up to 8.4 W per side in LEO. Triple Junction Solar Cells for Space Applications with efficiency higher than 29.5%. The solar panel supports multiple integrated sun sensors and gyroscope, optional magnetorquer. Configurations: - Panel without MTQ



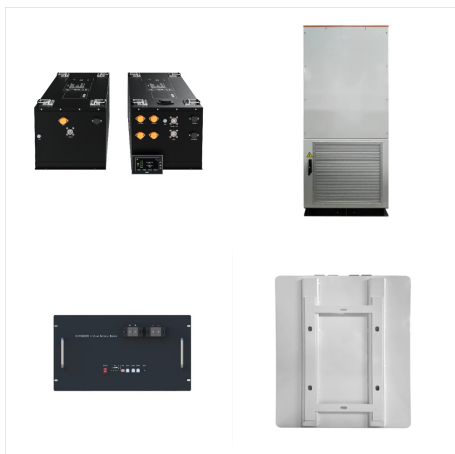
EnduroSat's 1U Solar Panel XZ, is a flight proven, two-cell solar panel and is capable of generating up to 2.4 W in LEO. Triple Junction Solar Cells for Space Applications with efficiency higher than 29.5%. The solar panel supports multiple integrated sun sensors and gyroscope, optional magnetorquer.



EnduroSat's 6U Solar Panel utilizes highly efficient triple junction solar cells. The Solar Panel can be optimized to meet your requirements. Give us the parameters most relevant to you, in the text field above, and we will turn them into a 6U Solar Panel which is fully compliant with the CubeSat 6U standard. Features: Efficiency 29.5%



The 3U SOLAR PANEL from Endurosat is a Satellite Solar Panel with Power Delivered 8.4 W, Output Voltage 16.8 V, Mass 127 gms. More details for 3U SOLAR PANEL can be seen below. Product Specifications. Product Details. Part Number. 3U SOLAR PANEL. Manufacturer. Endurosat. Description.



EnduroSat's 3U Solar Panels utilize seven highly efficient triple junction solar cells. The variant 3U Deployable Solar Array utilizes fourteen highly efficient triple junction solar cells arranged into 1 fixed + 1 deployable panels. The a?]



directly powered from solar panels (14-17.5V) during sunlight fraction of the orbit . System BUS channel . directly powered from battery (14-16.4V) during shadow fraction of the orbit . Main power buses . 3.3V, 5V, 12V and "System bus" (14-17.5V) High power buses





The EnduroSat 3U Solar Panels are equipped with 7 CESI Solar cells of type CTJ30 with up to a 29.5% efficiency. The wide effective cell area is the largest possible for solar panels suitable for 3U CubeSats and provides up to 8.43 Watts per panel in a LEO. On the PCB, a network of sensors and a magnetorquer can be interfaced to an Attitude



1U Solar Panel X/Y 1U Solar Panel Z EnduroSat has successfully reduced its delivery time to just 2 weeks. One of the key factors contributing to our growth in 2023 is the inauguration of its new 3,200 m<sup>2</sup> Space Facility with 700 m<sup>2</sup> of Space Labs. The Space Center has several state-of-the-art labs,