

P6 Integrated Truss Structure

During shuttle mission STS-97, Space Shuttle Endeavour delivered the first set of U.S.-provided solar arrays and batteries, called the P6 Photovoltaic Module, and temporarily installed the P6 Integrated Truss Structure on the Z1 Truss until it is relocated to its permanent location on the P5 Truss during a later assembly mission.

P6 Specifications	
Dimensions:	4.9 x 4.9 x 4.9 meters (16 x 16 x 16 feet)
Weight:	app. 7,700 kilograms (17,000 lbs.)

power for the space station.

The station derives its power from the conversion of solar energy into electrical power. The Photovoltaic Power Module performs this energy conversion.

The P6 Integrated Truss Structure was installed on Sunday, Dec. 3, 2000. Click [here](#) to read the status report.

The P6 Integrated Truss Structure contains three discrete elements: the Photovoltaic Array Assembly, the Integrated Equipment Assembly and the Long Spacer.

The P6 has four primary functions: the conversion or generation, storage, regulation and distribution of electrical

About the P6 Truss



The P6 Integrated Truss Structure rests in Space Shuttle Endeavour's payload bay prior to STS-97.

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