



Solar PV Panel Work

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Solar panels work by converting the light radiation from the sun to Direct Current (DC) electricity through a reaction inside the silicon layers of the solar panel. Solar Photovoltaic Cell Basics SiliconThin-Film PhotovoltaicsPerovskite PhotovoltaicsOrganic PhotovoltaicsA thin-film solar cell is made by depositing one or more thin layers of PV material on a supporting material such as glass, plastic, or metal. There are two main types of thin-film PV semiconductors on the market today: cadmium telluride (CdTe) and copper indium gallium diselenide(CIGS). Both materials can be deposited directly onto either the front or back surface of the silicon wafer. See more on energy.gov.

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