## SOLAR PRO.

## Photovoltaic panels absorb light

When the semiconductor is exposed to light, it absorbs the light"s energy and transfers it to negatively charged particles in the material called electrons. This extra energy allows the electrons to flow through the material as an electrical ...

An important property of PV semiconductors is the bandgap, which indicates what wavelengths of light the material can absorb and convert to electrical energy. If the semiconductor's bandgap matches the wavelengths of light shining on the ...

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