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Title: Working principle diagram of photovoltaic panels

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The article provides an overview of the structure and working principle of photovoltaic (PV) cell, focusing on the role of the PN junction in converting sunlight into electricity.

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Figure 1: Solar cell diagram illustrating the working principle based on the photovoltaic effect. Figure 1 shows a schematic layout of a p-n junction based solar cell. Here the n-region is heavily doped and the n-region is ...



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