

Parameters of photovoltaic panel power generation



Overview

A solar cell is a semiconductor device that can convert solar radiation into electricity. Its ability to convert sunlight into electricity without an intermediate conversion makes it unique to harness the available solar energy into useful electricity. That is why they are called Solar Photovoltaic. The sunlight is a group of photons having a finite amount of energy. For the generation of electricity by the cell, it must absorb the energy of the photon. The absorption depends on the energy of the photon and the band-gap energy of the solar semiconductor. A wide variety of solar cells are available in the market, the name of the solar cell technology depends on the material used in that technology. Hence different cells have different cell. The conversion of sunlight into electricity is determined by various parameters of a solar cell. To understand these parameters, we need.



Article Content

Photovoltaic (PV)

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