

# How do photovoltaic solar panels work?

## Encapsulated layers

They protect the solar cells while allowing the sun's rays to pass through to the photovoltaic cells

## Solar panels

Formed by the interconnection of photovoltaic cells

## Supporting structure and framework

The framework is attached to the structure that determines the inclination or orientation of the panel

## Inverters

These convert power from direct current to alternating current

## Batteries

They are optional. Useful when the panels do not receive sunlight, but also one of the most expensive items

## Meter or regulator

A bi-directional device that sends and receives power from the electricity grid

