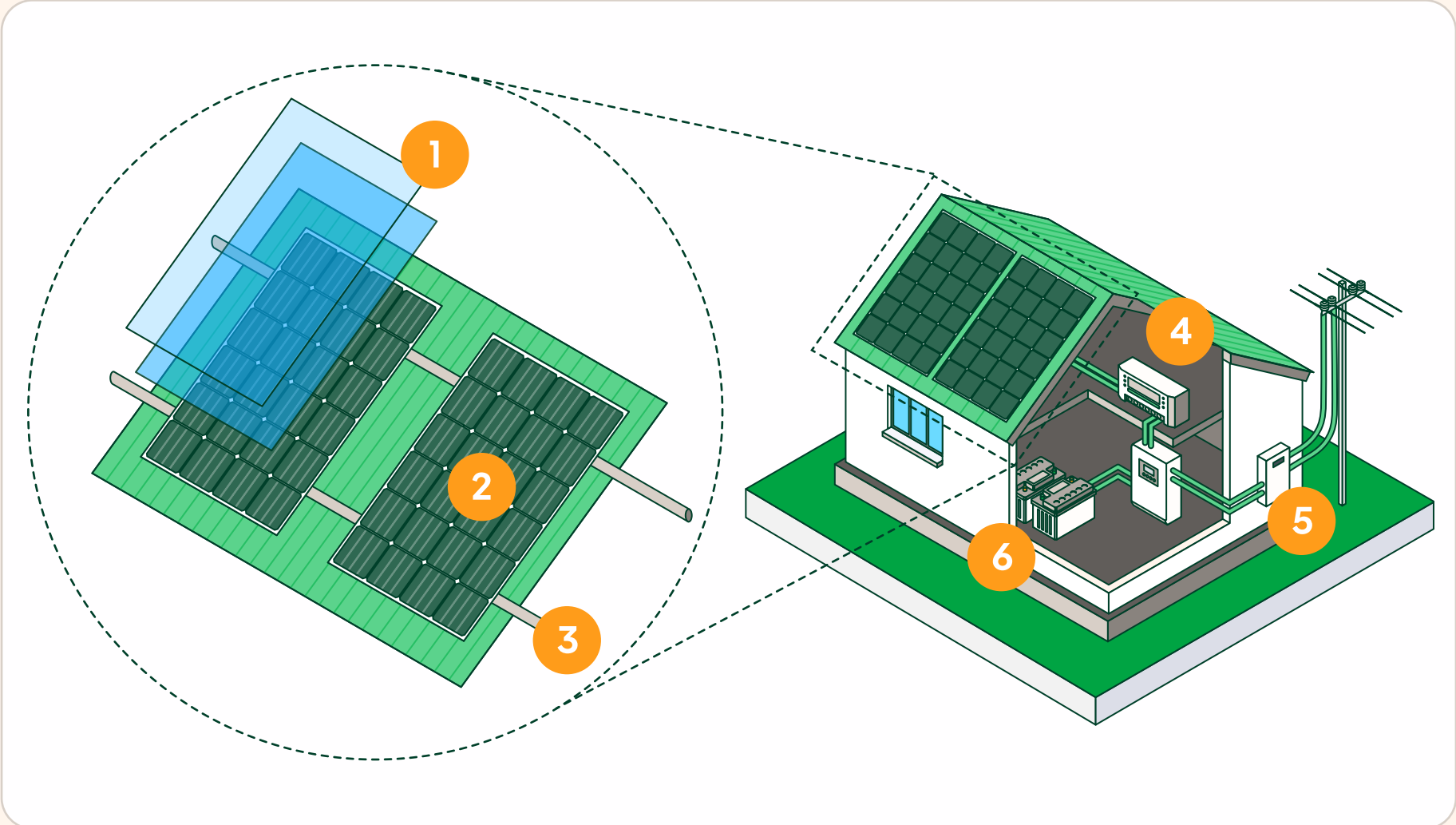
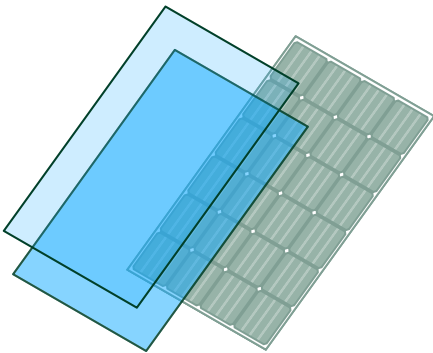


# How do photovoltaic solar panels work?



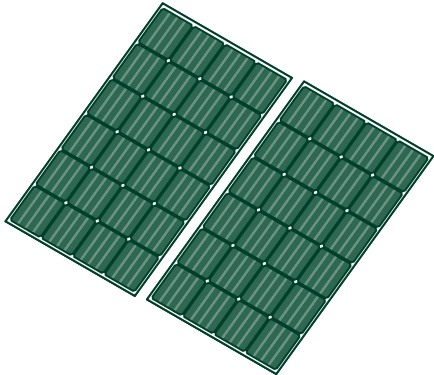
## Encapsulated layers

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



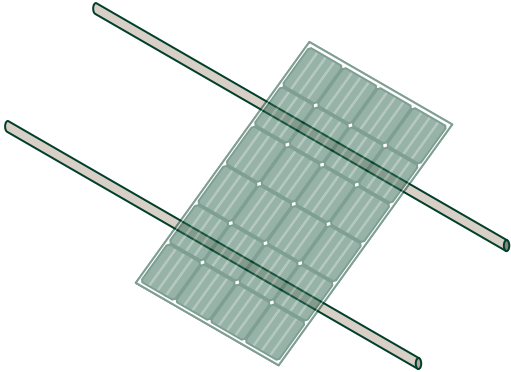
## Solar panels

- 2 Formed by the interconnection of photovoltaic cells.



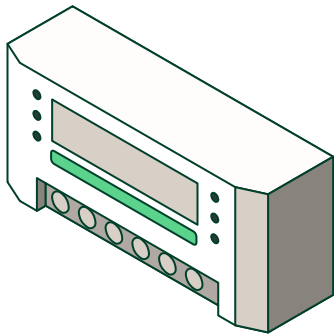
## Supporting structure and framework

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



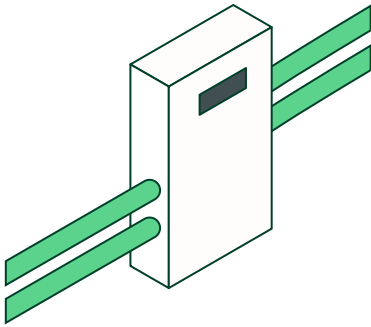
## Inverters

- 4 These convert power from direct current to alternating current.



## Meter or regulator

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



## Batteries

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

