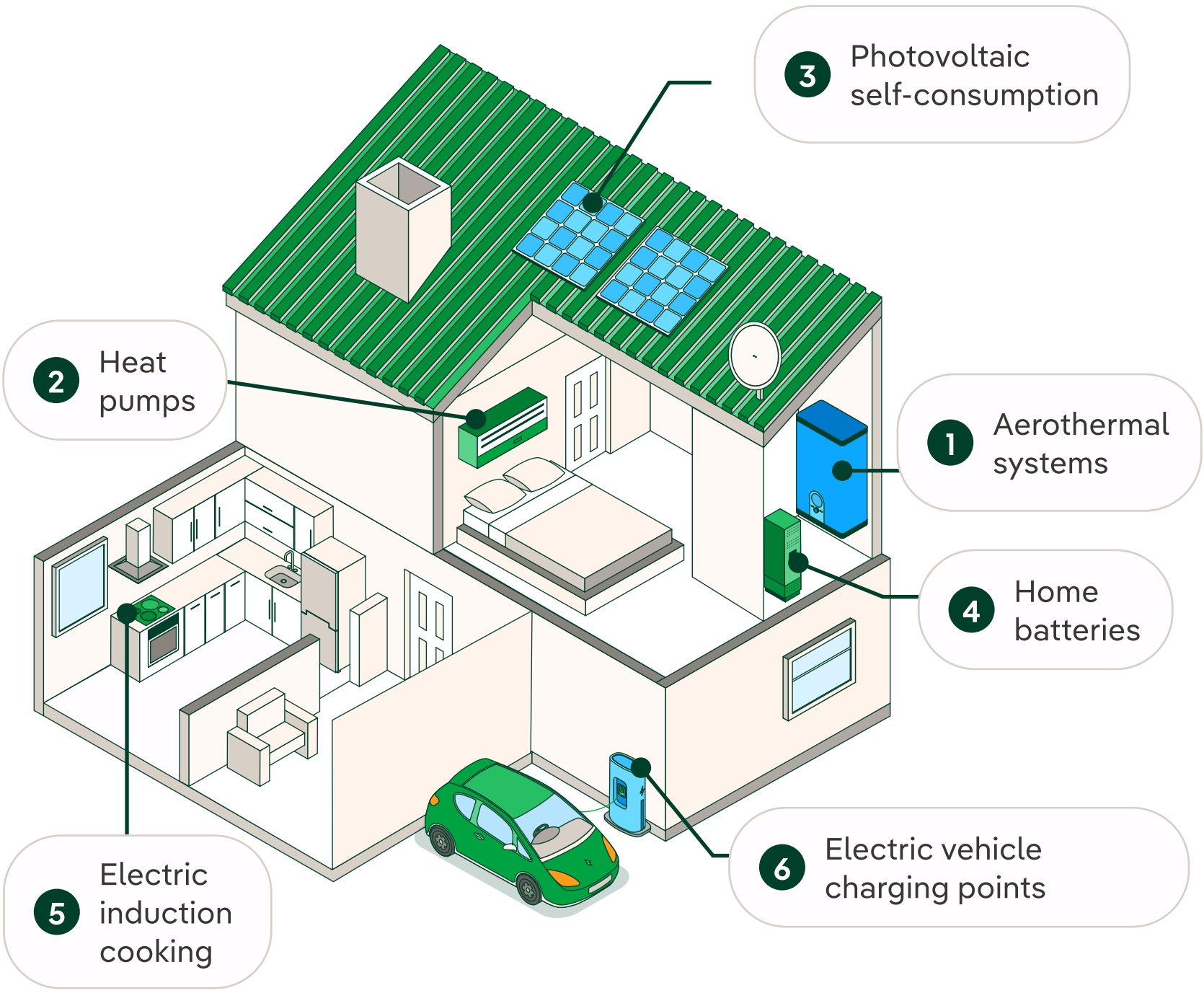
The **electrified home** and the solutions driving its efficiency

The electrification of the home is made possible through the combination of different **solutions** that work together to transform how **energy** is consumed and managed in **households**. These are some of the main **technologies** driving residential electrification.



1 Aerothermal systems

A system that uses energy from outside air to generate heating, cooling and domestic hot water with reduced electricity consumption.

2 Heat pumps

A high-efficiency technology that transfers heat rather than generating it directly, enabling lower energy consumption for climate control.

3 Photovoltaic self-consumption

Installation of solar panels in the home to produce electricity and reduce dependence on the conventional grid.

4 Home batteries

Storage systems that allow generated energy (for example solar) to be stored and used when demand is higher or production is lower.

5 Electric induction cooking

Cooking technology that uses electromagnetic fields to heat the cookware directly, improving efficiency and reducing energy losses.

6 Electric vehicle charging points

Home-installed infrastructure that enables convenient charging of electric vehicles, supporting the electrification of daily mobility.