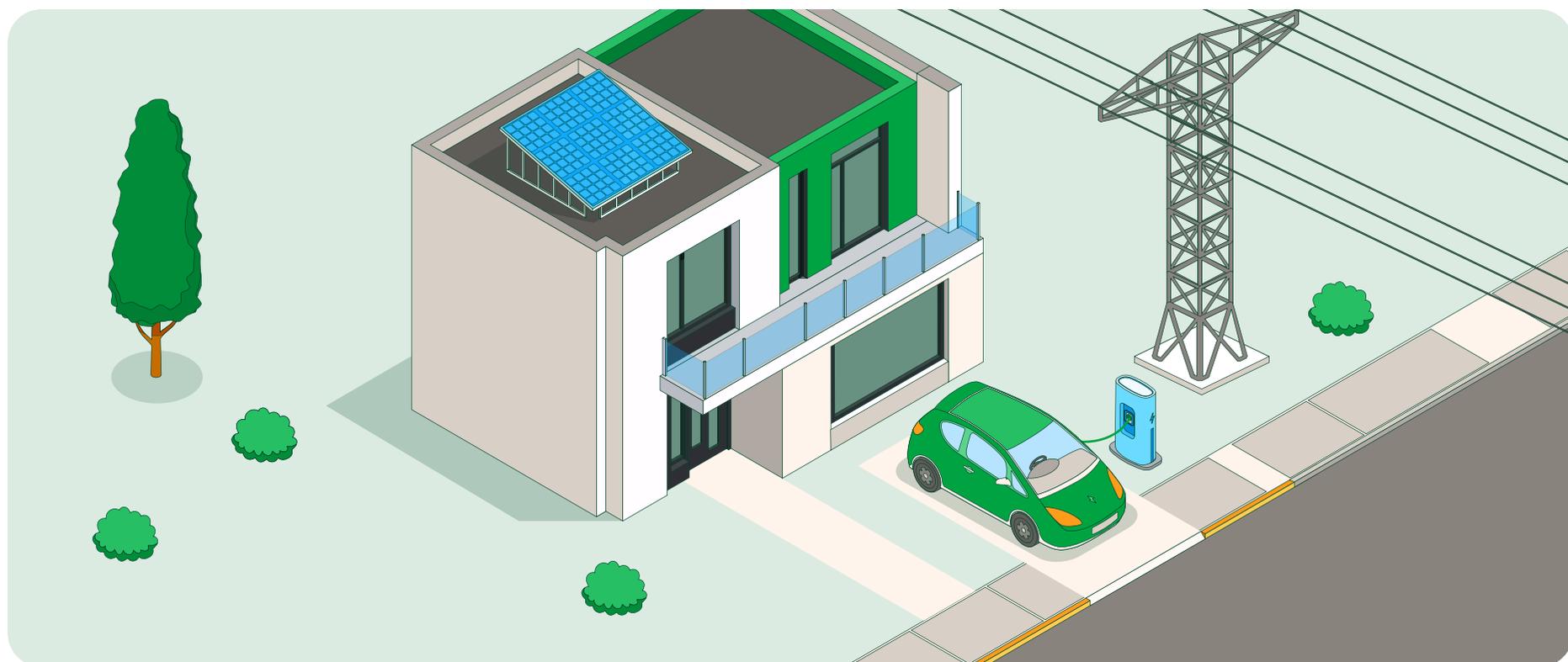
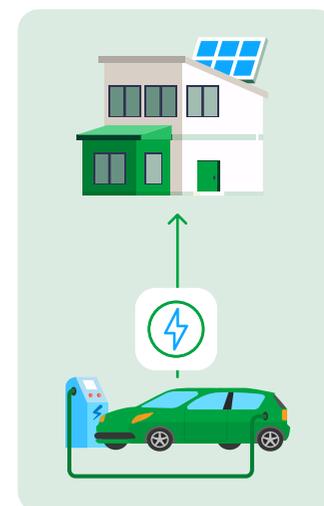


How bidirectional V2G charging works



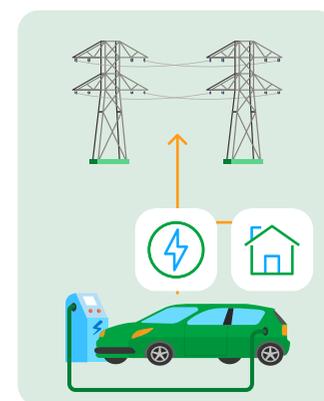
1 Car charger connection

An electric car can supply electricity to an average home for several days, supporting the use of renewable energy, but above all, becoming a safety tool in the event of power failures (for which additional specific hardware is required). If the vehicle is charged using a solar photovoltaic installation in the home, this is a very efficient solution for storing energy and making the most of sustainably produced electricity.



2 Charger connection to the grid

V2G technology allows an electric vehicle to supply stored energy to the electrical network at times of low renewable production, when the cost of stored energy is higher, compensating for the lack of clean energy. This represents an opportunity for savings and better energy management for the driver.



3 Car charger connection

Electric cars with V2G technology can act as stand-alone batteries. They store electrical energy that can be used for travel, for use in the home or to be returned to the electrical network.

