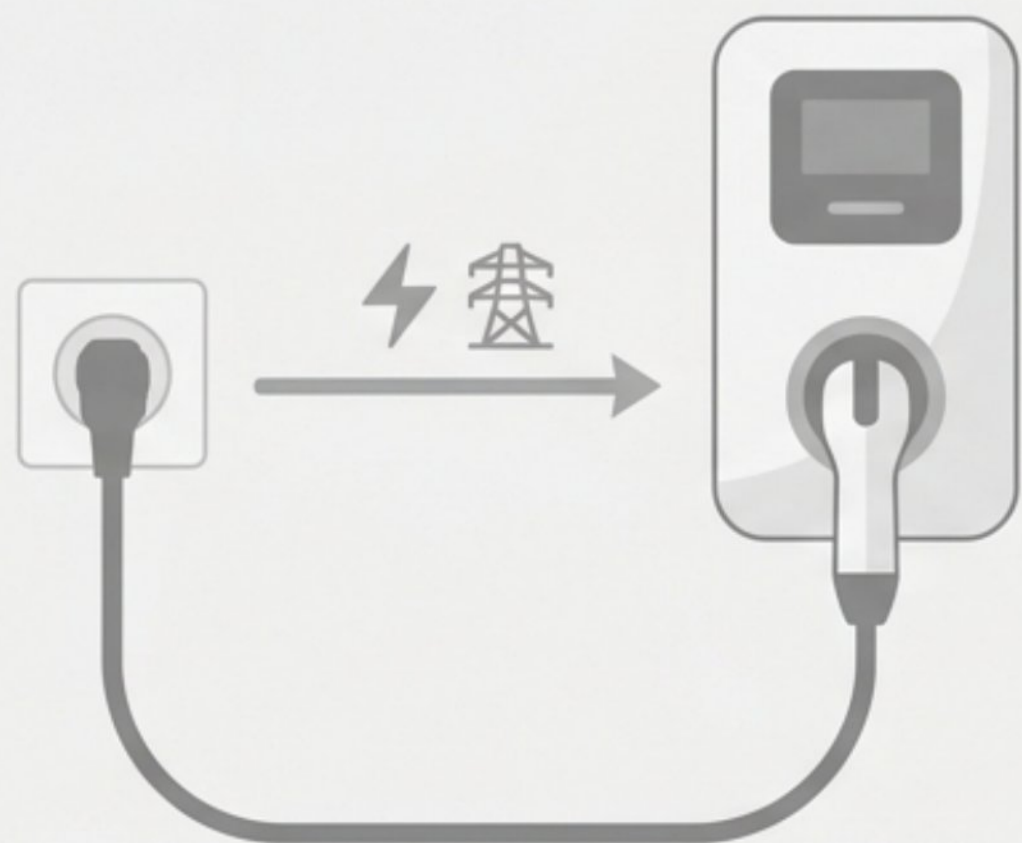


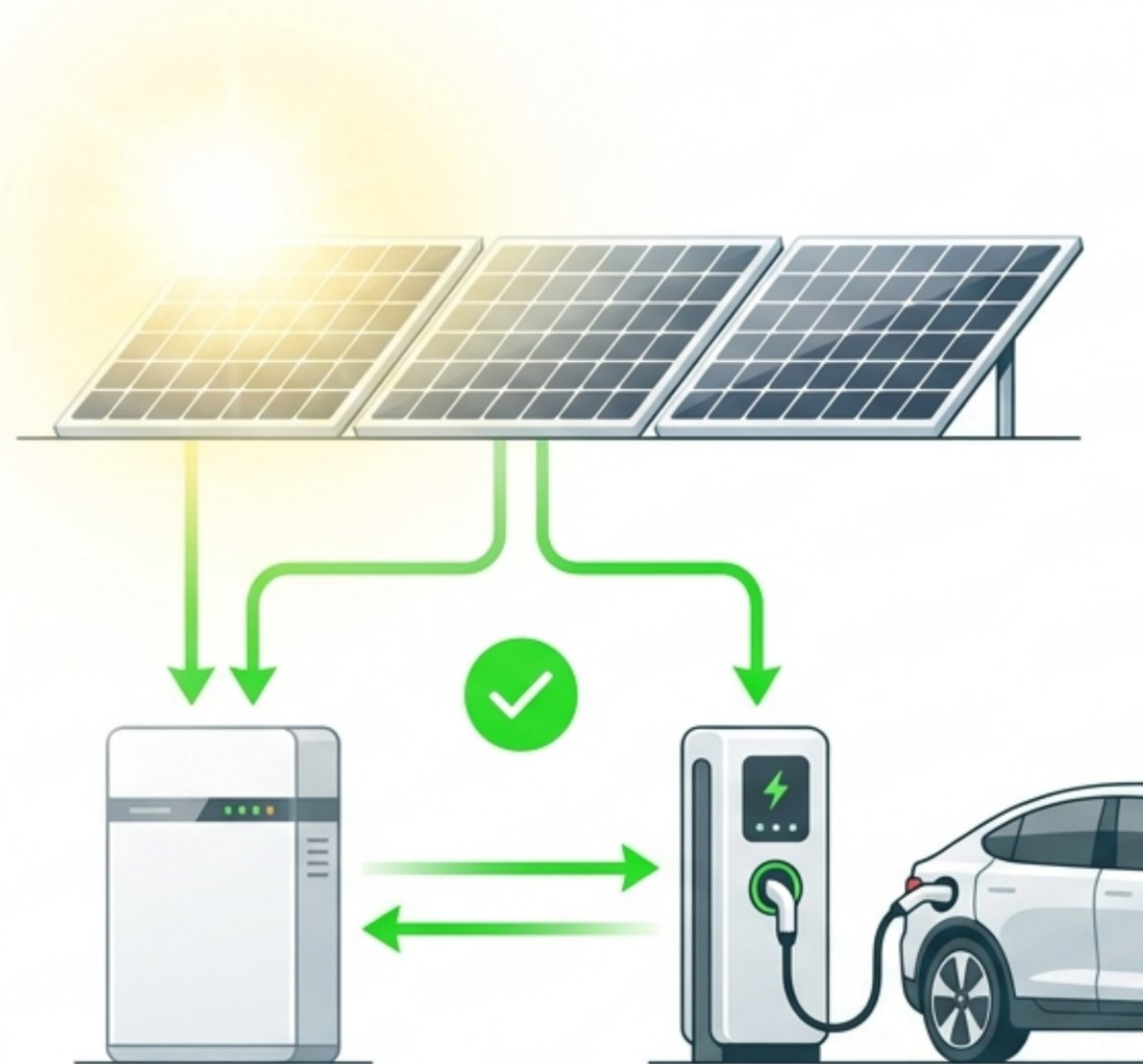
EV charging powered by your own solar





The isolated charger is just another load

Company cars often charge overnight on full price grid power with no link to the site's own solar. A charger fitted on its own has no connection to your energy management.



The ZenSolar way

It works best designed into the system from the start.

Two ways ZenSolar fits EV charging

✔ Built in

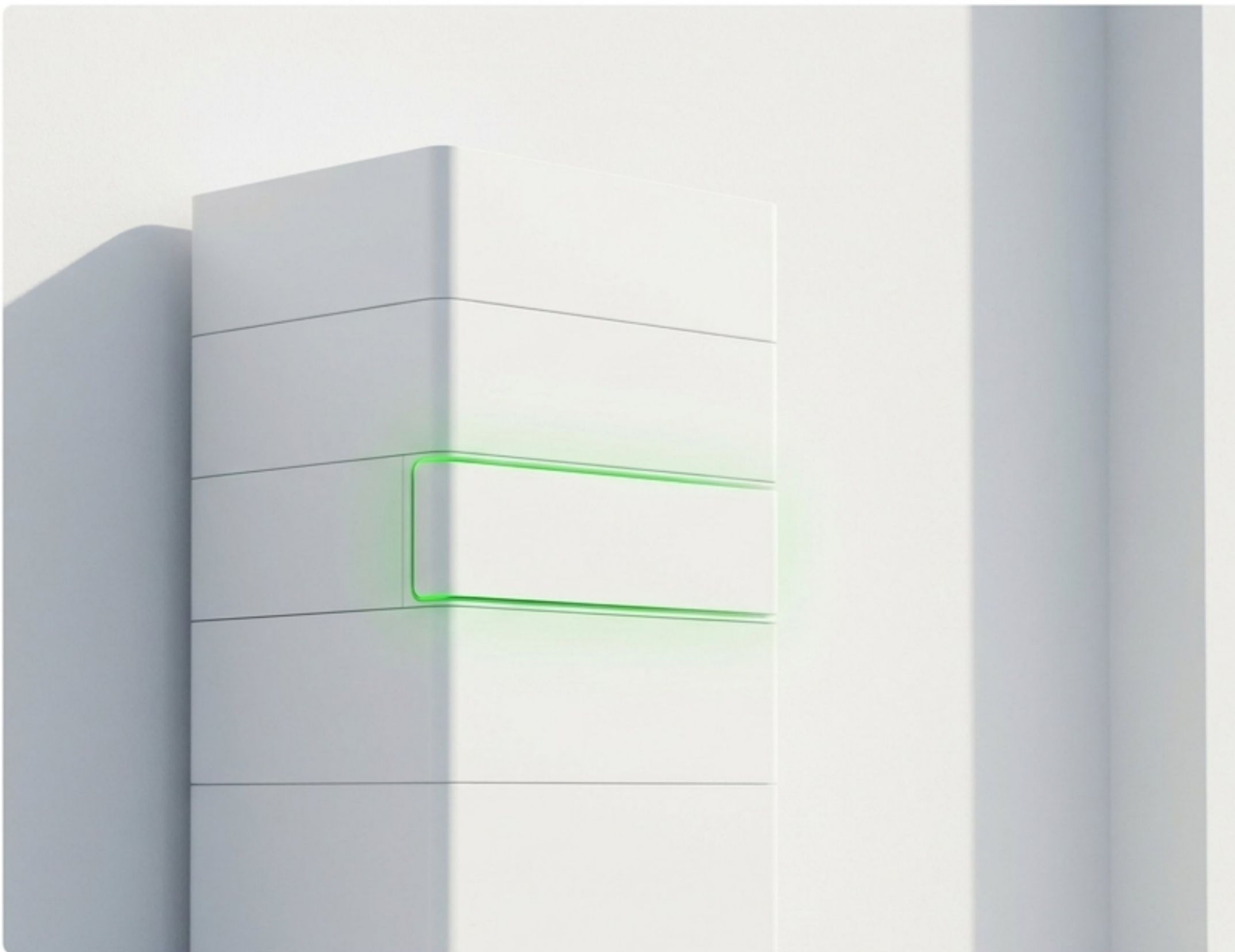
The Sigenenergy DC module sits directly inside the SigenStor stack. Charges straight from solar and battery on DC.

Best for new systems.

✔ Separate setup

A standalone AC charger fitted beside an exis, FoxESS or Sigenenergy system.

Best for sites that need several charge points.



Option 1: The built in DC module

12.5 kW as standard.
Upgradeable to 25 kW.
Uses a CCS2 connector.
It charges straight from
the stack's solar and
battery on DC.

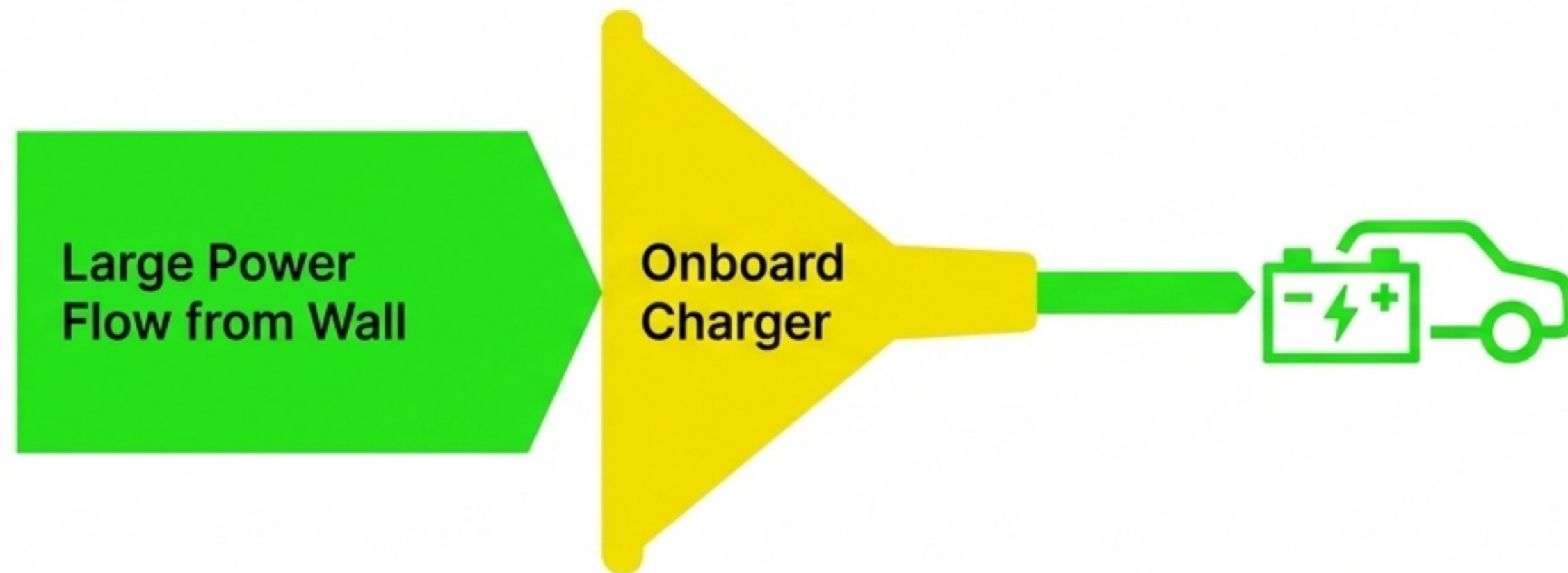


Option 2: The separate AC charger

7, 11 or 22 kW capacities. Single or three phase. Perfect for a depot fitting one charger per parking bay beside a system that is already installed.

What limits charging speed

A charger rated higher than the car's own onboard charger does not charge that car any faster. The car sets the limit.



Funnel Effect

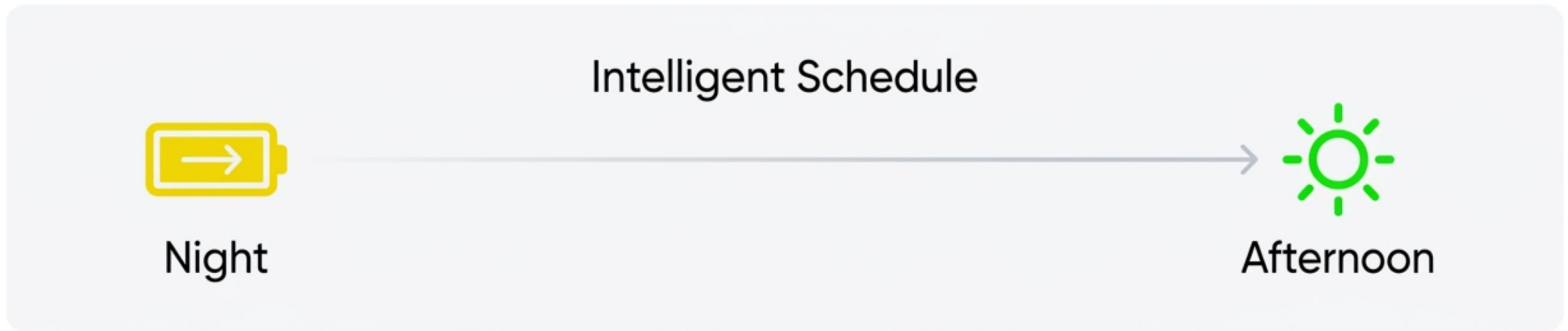
Many cars take 7 or 11 kW on AC.

Only some can use 22 kW.

DC requires a car with a DC inlet.

The system decides when the car charges

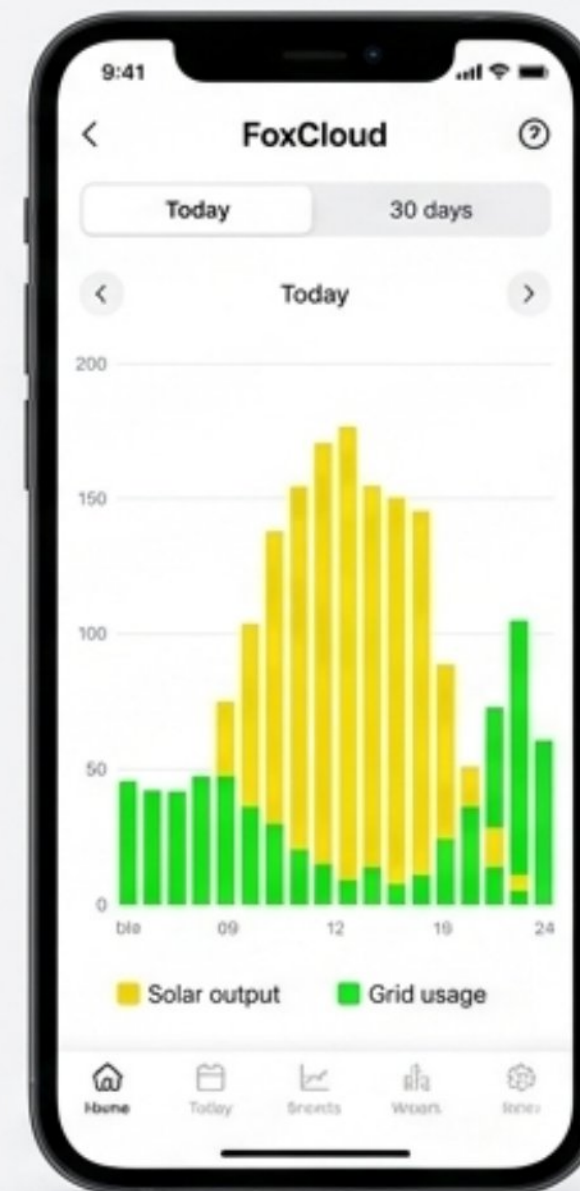
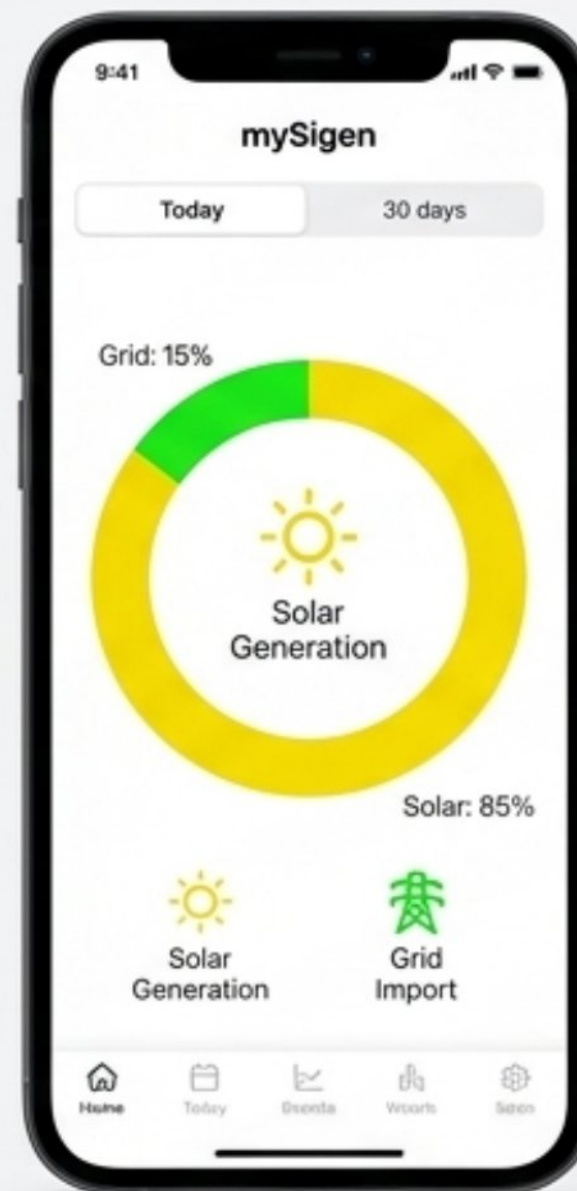
A fleet can charge overnight from the battery or cheaper power. The next afternoon, solar surplus charging takes over.



Charge mainly from power the panels are already making.

Total visibility in your hands

The mySigen and FoxCloud apps show exactly how much of a charge came from pure solar and how much came from the grid.



Which setup fits your site



Depot or fleet

Several AC chargers, 11 or 22 kW three phase.



Office

AC chargers with solar surplus mode. Daytime charging fits solar best.



Large home with two cars

A Sigenenergy system with the DC module, or an AC charger.



Small home with one car

A 7 kW AC charger.



What ZenSolar brings to your site

We handle the CoC and SSEG application for you. Charging is perfectly designed into your solar and battery system.

- ✓ Installed by our team and preferred, vetted installers approved by the brands.
- ✓ 10-year swap-out warranty on the inverter and battery.

**Book your free energy
assessment at zensolar.co.za**