

THE 1-PHASE SOLUTION

NOW WITH AC CHARGER



BEYOND EASY

One manufacturer, one point of contact for the whole system: warranty, service...



BEYOND FLEXIBLE

You can choose between four different modes to fit your current charging need



BEYOND CONVENIENT

All devices and data fully integrated in our Monitoring Platform: iSolarCloud.

THE AC CHARGER

4 DIFFERENT CHARGING MODES TO FIT ALL NEEDS

1 GREEN POWER CHARGING

For most economical charging: Maximized self-consumption by increased charging power when renewable energy is available. The charging mode needs a minimum PV surplus power of 6 A to start charging the car.

2 FAST CHARGING

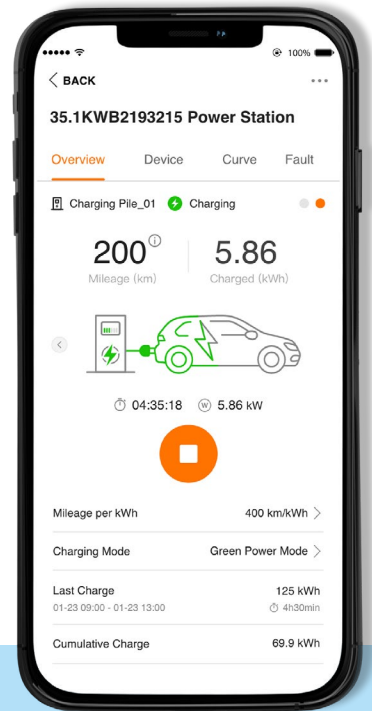
Maximum speed: Charging at 7 kW AC power no matter if coming from renewables or the grid. This mode allows to achieve the shortest charging time.

3 CUSTOM CHARGING

Individualized to the max: Select the time range when charging is allowed. For example, charging will only work between 12 PM and 6 PM even if the car is plugged in before.

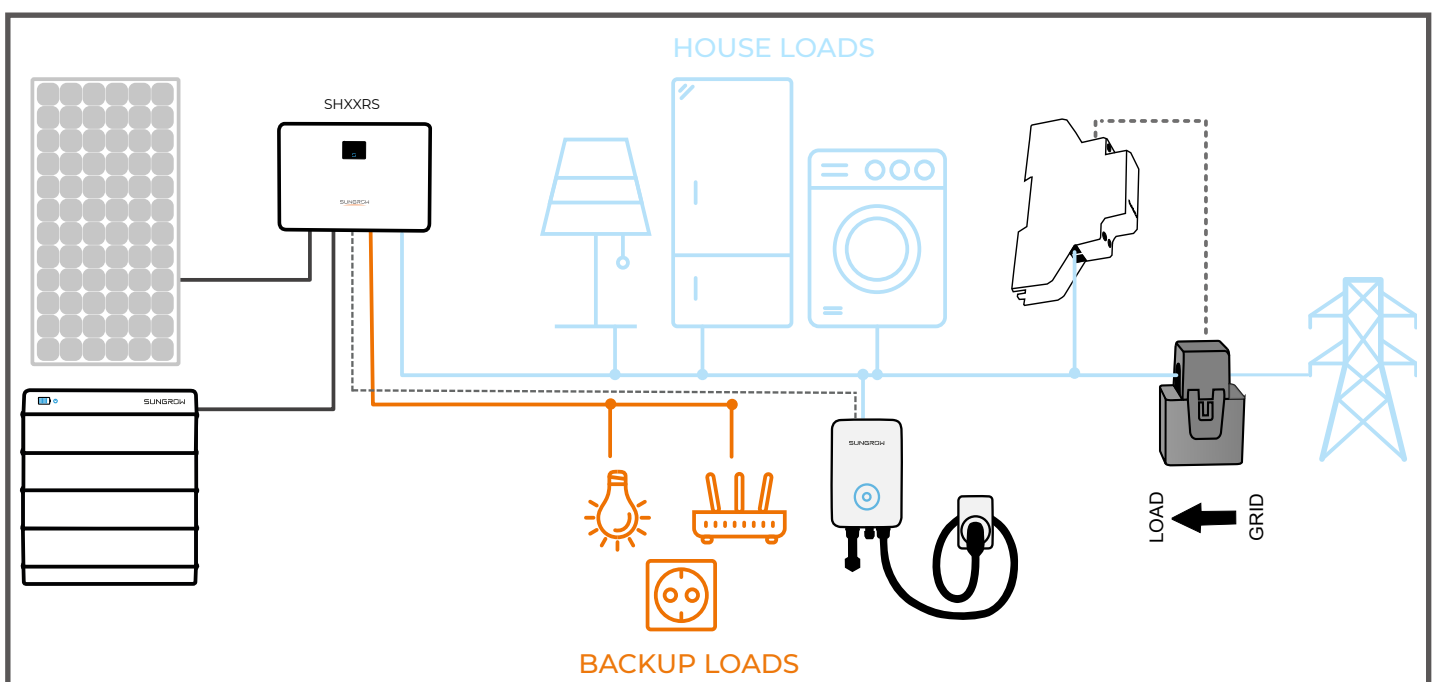
4 PRESET CHARGING

Always ready: Based on a preset amount of kWh and a desired pickup time, the EV Charger creates the perfect charging mix. Making sure the vehicle is ready at the desired time, but using as much renewable energy as possible.



Live **monitoring of the charging status** in iSolarCloud.

3 DEVICES - 1 SOLUTION



ASK OUR SPECIALIST



Tobias Zimmermann
Product Manager
EV-Charging & Residential ESS

1

Which inverters is the AC Charger compatible with?

The Sungrow AC Charger AC007E-01 is part of the 1-phase Solution, meaning it's compatible only with SH3.0-6.0RS. Only one AC Charger can be connected to one 1-phase Hybrid Inverter.

2

Can the AC Charger be used as a standalone product?

Yes, there are two versions of our AC Charger available. The AC007E-01 L1 can be used as a standalone product with its own App "iEnergyCharge" including scheduling & power limitation function.

3

Is it possible to use any other EV Charger together with Sungrow Hybrid + Battery?

We recommend to only use the Sungrow AC Charger together with our Hybrid and Battery products. Nevertheless, also an AC Charger from any other manufacturer might be used if it has its own energy meter for grid feed-in monitoring.

4

Green Power Charging: what happens when only low PV power is available?

In Green Power Charging mode, the car gets charged with at least 6 A, which corresponds to around 1.3 kW. If more PV power is available, the charging power will increase up to maximum 7 kW. In case there's not enough PV or Battery power available, the AC Charger will take power from grid.

5

Does the AC Charger support MID meter and billing?

Currently Sungrow's AC Charger can not yet support a dedicated MID meter connection with company billing capability. This feature may be developed in a future version.

6

What are the warranty terms for the 1-phase Solution?

The 1-phase Hybrid and the Battery come with 10 years of warranty. The AC Charger as part of the 1-phase Solution comes with 5 years of warranty. The standalone version AC007E-01 L1 comes with 3 years warranty.

7

Where can user manuals and certifications of this product be found?

The user manual and the certifications for the 1-phase Solution will be available on the Sungrow Website soon. They will be published in the download section **here**.