

THE 3-PHASE SOLUTION

NOW WITH EV 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 EV-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. If no renewable energy is available the minimum charging current of 6 A is taken from the grid.

2 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.

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.

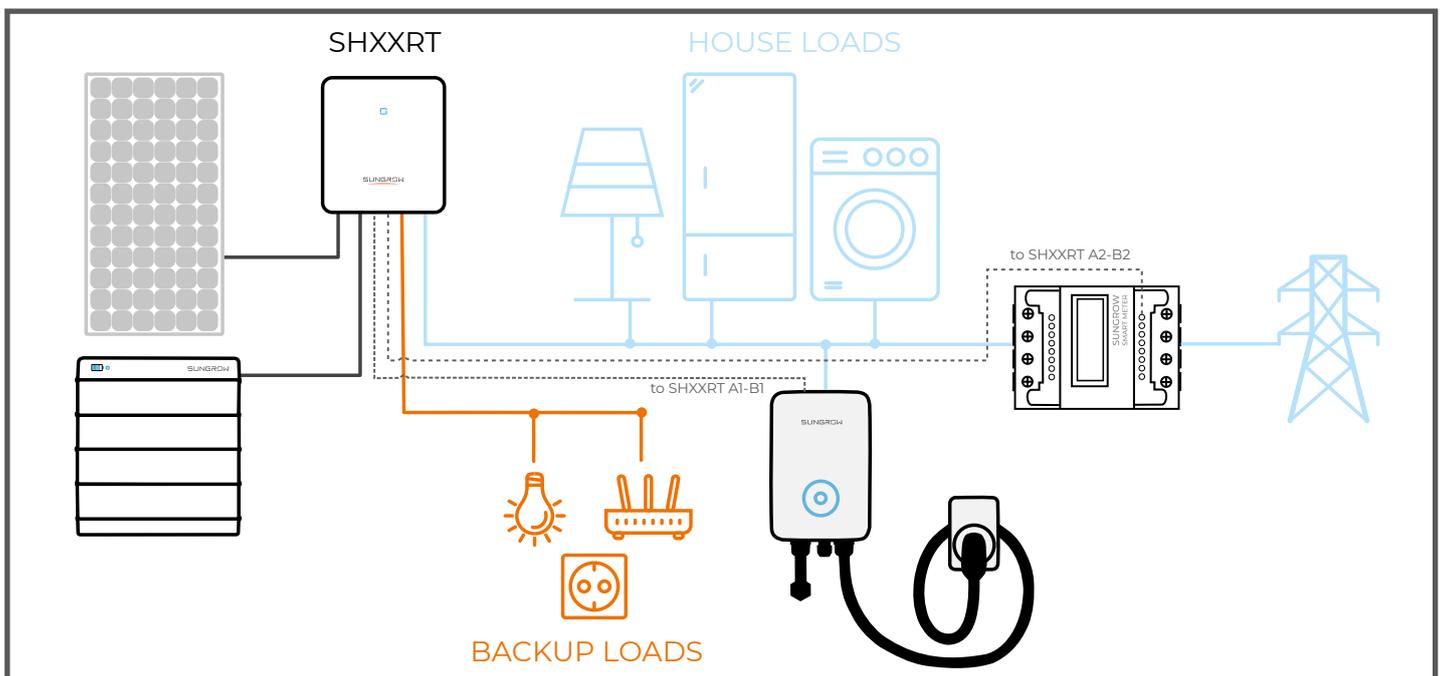
4 FAST CHARGING

Maximum speed: Charging at 11 kW AC power no matter if coming from renewables or the grid. This mode allows to achieve the shortest charging time.



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 EV Charger compatible with?

The Sungrow EV Charger is part of the 3-phase Solution, meaning it's compatible only with SH5.0-10RT. For now, only one Hybrid can be connected with one EV Charger. In the future more combinations e.g. with an additional PV inverter will be possible.

2

Can the EV Charger be used as a standalone product?

Yes, the EV Charger has its own App "iEnergyCharge" and can be setup to work as a standalone product, with scheduling function & power limitation function. Sungrow's Hybrid + Battery can be added at any time to get the full benefits of renewables integration.

3

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

We recommend to only use the Sungrow EV Charger together with Hybrid + Battery. Nevertheless, if the used EV Charger has its own energy meter for grid feed-in monitoring, it might be used together with Sungrow's 3-phase Hybrid inverter and Battery.

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 4.1 kW. In case there's not enough PV or Battery power available, the EV Charger will take power from grid. If more PV power is available, the charging power will increase up to 11 kW.

5

Does the EV Charger support MID meter and billing?

Currently Sungrow's EV 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 3-phase Solution?

The 3-phase Hybrid and the Battery come with 10 years of warranty. The EV Charger can be purchased with 2.5 years or 5 years of warranty.

7

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

The user manual and the certifications for the 3-phase Solution will be available on the Sungrow Website soon. They will be published in the download section **here**.