

THE 3-PHASE SOLUTION

BEYOND THE EXPECTED



BEYOND EASY

No wiring between the individual modules required.
Simple plug & play.



BEYOND USUAL

Profit of a maximum discharge current of 30 A and enjoy maximum self-consumption.



BEYOND SERVICE

One manufacturer, one point of contact. Enjoy direct support for the whole solution.

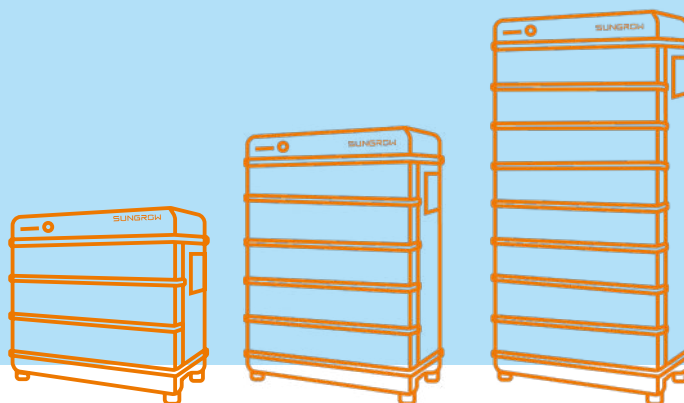
DID YOU KNOW?

Starting from **3** modules you can connect up to **8** modules per battery. This way you can **go from 6.4 kWh up to 25.6 kWh**. For maximum flexibility, no matter what your customer's individual requirements may be.

3-8

battery modules*

*SBR064 with 6.4kWh is made of two SMR032 battery modules and one SMR0 empty module



The 3-phase Solution **comes with an energy meter and WiNet module**, enabling 10 sec. refresh live data monitoring.



“

BEYOND EFFORTLESS

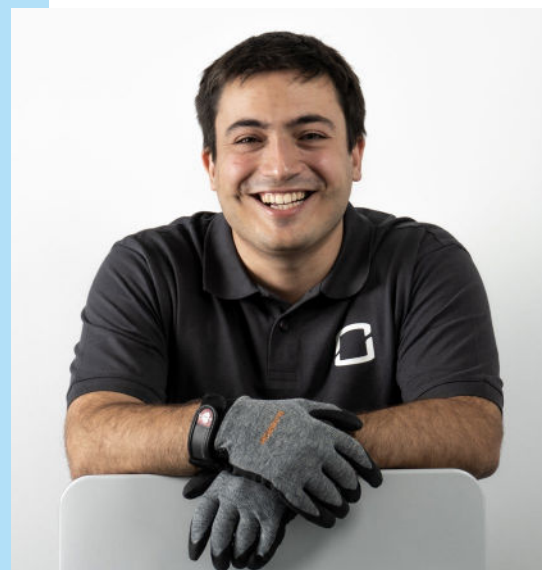
With only 33 kg per module and the simple plug & play style, the installation can easily be realized by one person. The 3-phase Hybrid recognizes and sets-up the Battery automatically after installation.

BEYOND POWERFUL BACKUP

The most optimized residential backup experience, with advanced backup load management and seamless 20 ms switching time.

BEYOND SAFE

The Battery has been certified with the most updated safety standards like the strict VDE2510-50. Furthermore, it has been designed with multiple layers of redundant measurements for maximum safety.



Andrea Polini
Product Manager Hybrid / ESS

FREQUENTLY ASKED QUESTIONS

1

Is it possible to retrofit the system with more modules or batteries in the future?

Yes, it's possible to install up to eight modules per battery. An automated process to replace or add a new battery module is available after updating the firmware for both the inverter and battery to the latest version.

2

Can I connect the SBR064 Battery to the SHxxRT or SHxxRT-20 Hybrid Inverter?

Yes, after updating both inverter and battery to the latest firmware version, the SBR064 can work with the 3-phase Hybrid SHxxRT or SHxxRT-20. However please keep in mind the charging/discharging current will be limited to maximum 20 A in this combination.

3

How many Hybrid Inverters and Batteries can I connect in one system?

Two Hybrid Inverters of the same size can be connected in parallel, each with its own Battery. Ensure that no other inverter is connected to the same meter.

4

Can the whole house be connected to the backup load directly?

It is not recommended to connect the whole house to the backup load connector directly. Some house loads with motors and pumps should not be connected to the backup load. We recommend connecting mainly resistive loads for backup.

5

Is it possible to set a reserve of battery SOC in case of grid outage?

Yes, using the iSolarCloud app, the user can configure how much battery percentage should be kept as reserve. This ensures backup load supply is always available when needed.

6

Does the system work in full off-grid mode / with a Diesel generator?

We do not recommend full islanded operation. However, the 3-phase Solution can sustain prolonged periods of grid outage, even a whole night. The system restarts automatically the next day with available PV energy.

7

Is the 3-phase Solution compatible with EV Chargers?

The 3-phase solution is compatible with Sungrow's AC Charger AC011E-01. It can be connected directly to the 3-phase Hybrid to realize smart green power charging. The 3-phase solution with the Sungrow AC Charger offers two modes: Fast Charging, which charges quickly while maximizing the use of PV energy, and Eco Charging, which charges exclusively from PV energy.

8

What are the warranty terms for the 3-phase Solution?

The 3-phase Solution comes with 10 years of warranty. For more detailed information please refer to Sungrow's warranty terms and conditions.

9

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

The user manual and the certifications are available on the Sungrow Website. You can find them **here**.

THE 3-PHASE SOLUTION

STAY UP-TO-DATE WITH
OUR POWER NEWS



[CLICK HERE TO JOIN](#)