

# 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

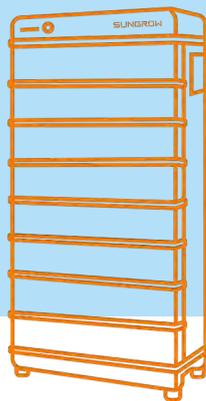
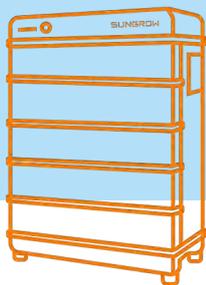
One manufacturer, one point of contact. Enjoy direct support for the whole solution.

# DID YOU KNOW?

Starting from 3 modules you can connect up to 8 modules per battery. This way you can **go from 9.6 kWh up to 25.6 kWh**. For maximum flexibility, no matter what your customer's individual requirements may be.

## 3-8

battery modules



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



## BEYOND EFFORTLESS

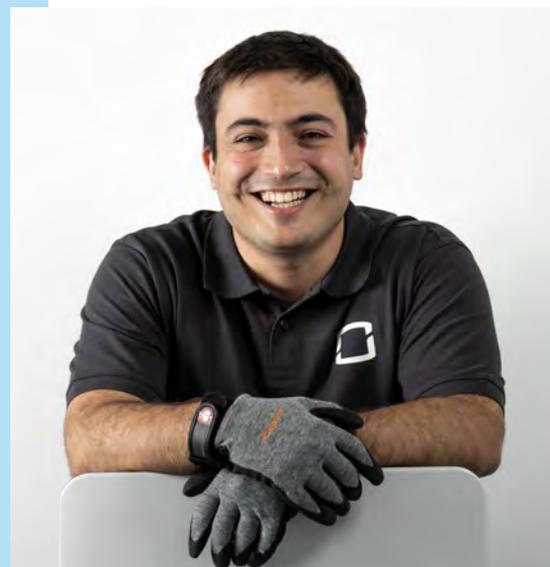
With only 33 kg per module and the simple plug & play style, the installation can easily be realized by one person. The 3-phase Hybrid recognizes and sets-up the Battery automatically after installation.

## 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 new battery modules will be available with the firmware update of the Hybrid inverter.

2

**Which cables are required to connect the Battery with the 3-phase Hybrid?**

The Battery contains two Sunclix connectors for the power cable (up to 6 mm<sup>2</sup> cable size) and a RJ-45 connector for communication with the 3-phase Hybrid.

3

**Is a Firmware update required before commissioning the 3-phase Solution?**

No, just make sure an Internet connection is available on site, and during the commissioning process. After the commissioning, the Firmware update can be done remotely through the iSolarCloud Web portal.

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 now compatible with Sungrow's EV-Charger. It can be connected directly to the 3-phase Hybrid to realize smart green power charging. The 3-phase Solution also works with selected third-party EMS partners that can remotely control the EV-charger to ensure charging only when PV energy is available.

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.

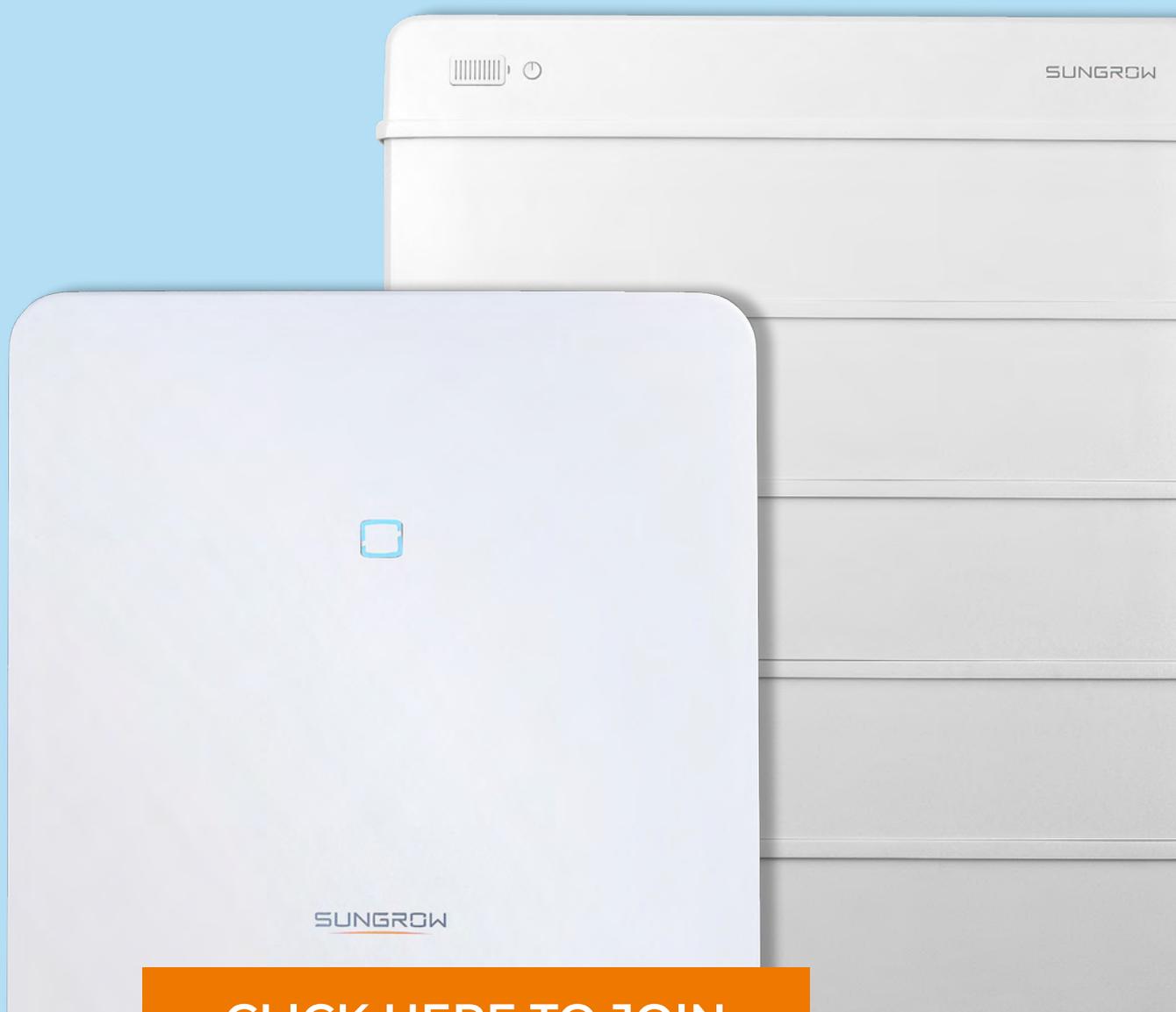
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**Where can user manuals and certifications of this product be found?**

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

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