

# THE 3-PHASE

## MAXIMUM FREEDOM



### ADVANCED

The PID Recovery technology makes sure to get 100 % out of the PV system. No more polarization, no more losses.



### FLEXIBLE

The new WiNet module offers maximum flexibility. It combines Ethernet and WiFi and delivers plant data every 10 seconds.



### SAFE

The new AFCI technology will shut down the PV system in less than 200 ms in case of an arc fault event, maximum safety.

# DID YOU KNOW?



Inverters reduce output power at high temperatures in order to prevent hardware damage. That's why a **high-quality cooling-system is essential**. The fans ensure optimal temperature management inside the inverter by adjusting their speed to any ambient temperature changes.



The new **Wi-Net module** combines Ethernet and WiFi connection in one port. It's part of the delivery scope of the new 3-phase.



## What's the benefit of the new PID Recovery?

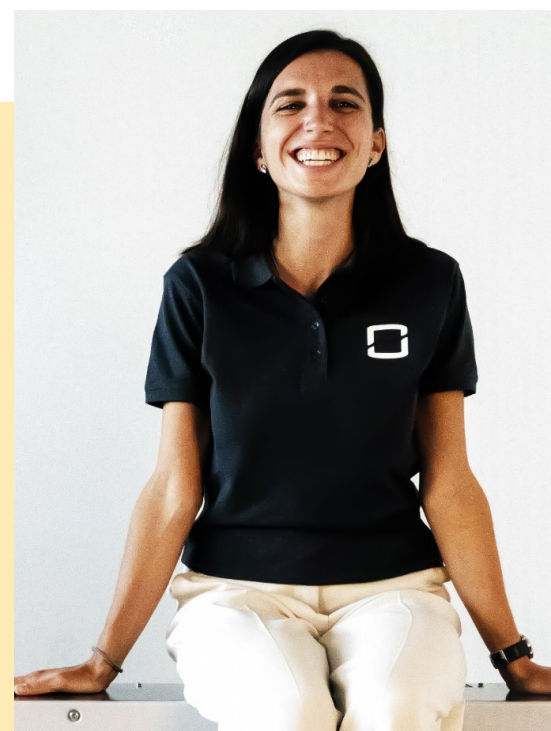
Electric fields within the solar cell lead to power loss of the module over time. The 3-phase uses reverse potential at night to make the charge carriers diffuse back and to cancel polarization.

## What's the advantage of the WiNet module?

With the new WiNet module, you have one port but two possibilities, Ethernet or WiFi. The module has a refresh rate of 10 seconds, meaning data being shown in the iSolarCloud app, is always accurate and reliable.

## What happens in case of an arc fault event?

In case of an arc fault (HF noise) the switches in the inverter will open and interrupt the circuit in less than 200 ms. This feature improves personal safety, protects equipment, and prevents damage of the solar system.



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# THE NEW 3-PHASE

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