

**You want to  
change the world?**  
Seems like you should  
get to know us!



We are a green tech company unlike any other. We are a team of lateral thinkers, young professionals and creative minds.

We are **Sungrow**.  
We are changing the world.  
**Clean Power For All!**

“

**Christian Welz**  
Head of Distribution  
Sungrow Central Europe



With our “Yes we can” attitude we make the impossible happen. We are fast and powerful, this is our Chinese DNA. We have a massive R&D task force to **push innovation and develop the most intuitive and persuasive products** of the whole industry. In our European team we count on

motivated talents. We aim for **new perspectives**, to **do things differently**, and to **make photovoltaics fun**. With our powerful roots in China and the continuous striving for more of our European team, we are unstoppable. We will accomplish our mission: **Clean Power For All – It’s a promise!**





**Solar farm near Hefei, China:**  
Step by step into a clean future -  
SG250HX inverters in action.

405+ GIGAWATT

You want to revolutionize the energy market, but are **still looking for the perfect match**? No worries, we got you covered!

Founded in 1997, Sungrow has become the world's leading inverter supplier with \$ 5.98 billion revenue in 2022.

With more than 405 gigawatts shipped, Sungrow is the global leading inverter solution supplier for renewables and the first inverter company ever to hit this particular record.

We are proud to look back to a success story that already began in 1997, but we never stopped striving for more. We want to give **fresh impulses**,

**inspire and contribute to a sustainable development** of our planet, that's why we constantly improve our portfolio. From floating solar plants to large-scale utility projects and to small residential products we always offer the best and most suitable solution for you.

**Simply said, we are the partner for all – who want more.**



# NO.1

# BANKABLE

Hard work pays off – Sungrow has been ranked to be **the most bankable inverter brand** by BloombergNEF for 4 consecutive years .

The survey highlights the **creditworthiness and reliability** of partnering with Sungrow considering comprehensive dimensions of evaluation, in particular, long-term warranties and insurance, local support and superior product quality. Notably, Sungrow has an **industry-leading**

**testing centre** certified by all major international certification bodies including TÜV Rheinland, TÜV SÜD, CSA, UL and CNAS.

Sungrow inverters have passed over **one thousand independent quality and reliability tests**, a feat unmatched by the majority of inverter manufacturers.



**Solar farm in Benelux:**  
Engie Fabricom realized the 100 MW solar park in Belgium with the most reliable solution - Sungrow inverters.

## Bloomberg's test criteria



Reliability of warranties and insurance



Availability of local support



Product quality



# OVER 40% R&D WORKFORCE

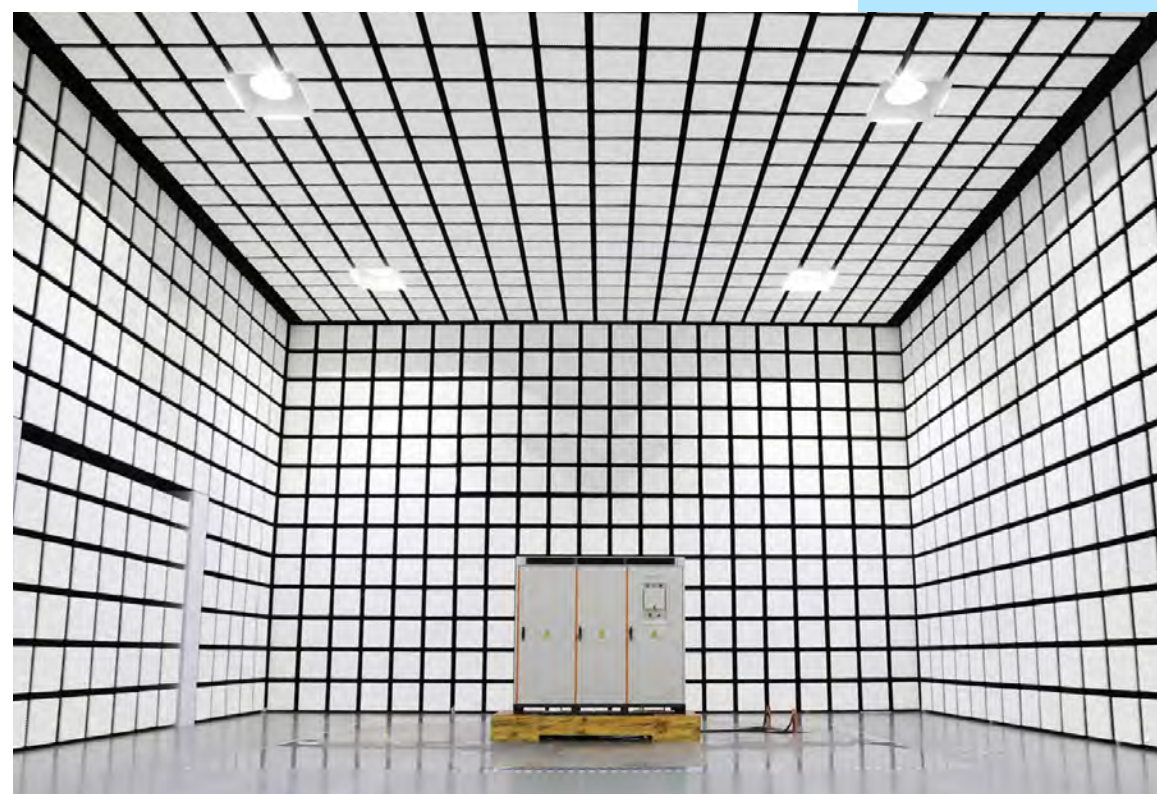
The secret of our success?  
**We focus on what we are good at!**

Sungrow was founded back in 1997 by Prof Cao Renxian – a professor at the Hefei University of Technology.

Along the way of growth, we always stick to the roots of our founder – being innovative and never stop learning!

At Sungrow **we hold more than 1900 patents** – no wonder as we employ the **biggest research and development team of the whole industry**. 40% of all Sungrow workforce is continuously investigating on how to further improve the existing portfolio – for you.

**Sungrow Headquarter Hefei, China:**  
Biggest EMC chamber in the solar industry



Together, we shape the  
clean energy landscape,  
redefining what is possible.



**Stefan Zhao**  
Director Research Center Germany



Tailoring our research to meet the demands of the **European market** has never been more important. Our R&D team is always looking for new ways to drive **innovation**, enhance our **cutting-edge technology** and foster committed **partnerships** with the European market. Along with continuous work to improve, we keep in mind our goal, a cleaner and greener future.

# INNOVATIVE & FAST - THAT'S US!

**We always strive for more** – the highest standards, the most innovative products, the best availability. So you won't have anything to worry about!



**Hefei, China:**  
Sungrow's  
newly opened  
production site

Our new production site in Hefei opened its doors end of 2018. The area encompasses more than 300,000 m<sup>2</sup> and has been **built according to the latest technological standards**. All products Residential, Commercial, Utility and even Floating Systems are being produced there. The **annual production capacity of Sungrow amounts to 305 GW**.

And of course we never lose sight of our big picture – Clean Power For All. That's why we installed a nearly 11 MW solar system on the roofs of our production site and all offices in Hefei. Like this we are able to reduce carbon

dioxide emissions by approximately 11,000 tons every year.

## **You want more? So do we!**

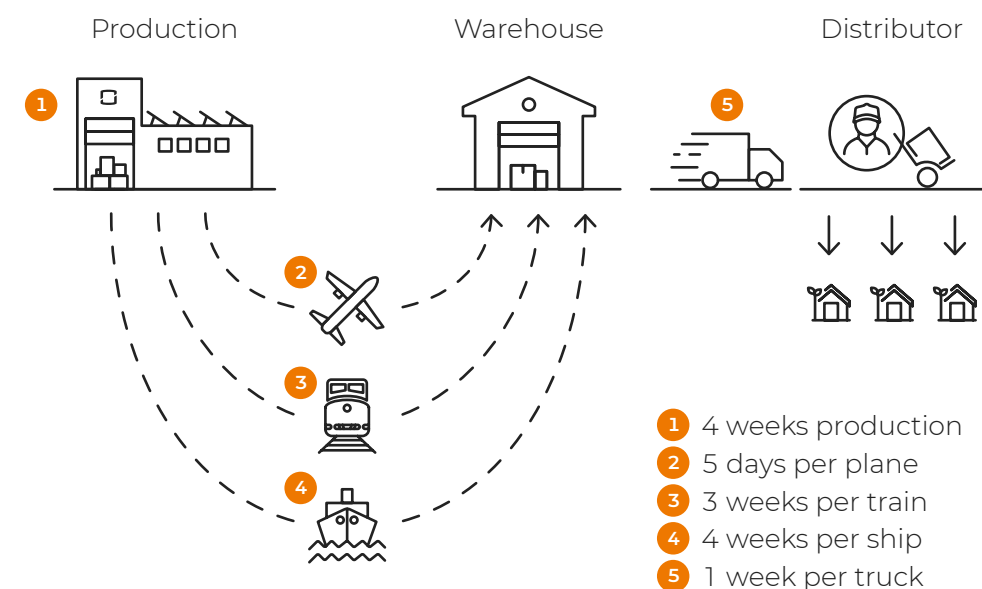
We can scale our production up to 1000 inverters per shift, with three shifts per day.

But what's the point of thousands of inverters, as long as they are in China?

No worries, we've thought about that as well. That's why we have our **large-scale warehouse in Europe**.

This enables us to ensure short term deliveries and make sure that you will get your product whenever you need it.

35 working days  
from production to  
distributor? Yes, we  
can!





# 10 YEARS WARRANTY

FEAR OF BREAKDOWN?  
NO WORRIES, **WE GOT  
YOU COVERED!**

Sungrow takes “customer oriented” as the company’s core value. We **offer you warranty to 10 years** for all inverters from **2,5 kW to 20 kW** in Europe. Our service network ensures support wherever and whenever you need it.

With more than two decades of experience, Sungrow stands for quality and consistency. **Only the best is good enough for our products.** Even if you can’t see them – it’s the inner values that count. We team up with the best and benefit from long lasting partnerships with industry leaders like Infineon, NMB and many more.

For your  
**carefree start**  
into a clean  
future.



# RESIDENTIAL HYBRID & ESS HEROES

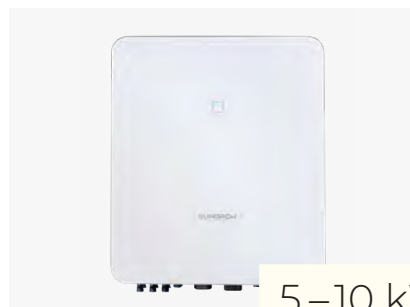


3–6 kW

## The 1-phase Hybrid

The 1-phase Hybrid inverter has proven its functionality and quality since 2015. The new generation offers seamless transition to backup mode, PID Recovery and is still light and easy to install - innovation at its best.

SH3.0RS, SH3.6RS, SH4.0RS, SH5.0RS, SH6.0RS

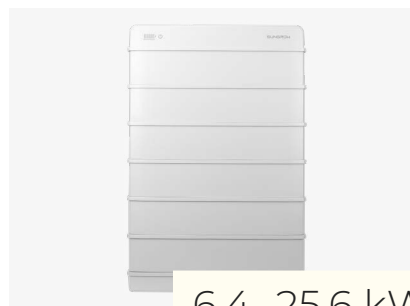


5–10 kW

## The 3-phase Hybrid

The 3-phase Hybrid is ready for the future: smart energy management, emergency power function, unique in its fast installation and parallel connection possible up to 50 kW and 125 kWh.

SH5.0RT, SH6.0RT, SH8.0RT, SH10RT



6.4–25.6 kWh

## Residential Battery

The battery is compatible with Sungrow's 1-phase and 3-phase hybrid. It supports 2 - 8 modules per unit for a wide scalable and individual capacity range.

With 33 kg per module, the system can be installed by a single person.

SBR064/096/128/160/192/224/256

## Beyond powerful backup

Grid failure? Nothing to worry about! In case of a blackout our hybrid inverters will **automatically switch into backup mode.**



## Beyond effortless

With only **33 kg per module** and comfortable handles, the installation of the battery can easily be done **by one person.**



## Beyond fast

Thanks to **external connectors** there is no need to open the inverter, resulting in a **less time consuming installation.**



# RESIDENTIAL PV HEROES



2–6 kW

## The 1-phase

The 1-phase Inverter - original since its launch. The display and the push - click - go connector make this product as easy as possible to handle. The perfect solution for houses with limited rooftop size.

SG2.0RS-S, SG2.5RS-S, SG3.0RS-S, SG3.0RS, SG3.6RS, SG4.0RS, SG5.0RS, SG6.0RS



5–20 kW

## The 3-phase

More power, more functions, less needed space. Compared to its functions the 3-phase PV inverter is very compact and easy to install. The perfect solution for bigger rooftops.

SG5.0RT, SG6.0RT, SG8.0RT, SG10RT, SG12RT, SG15RT, SG20RT

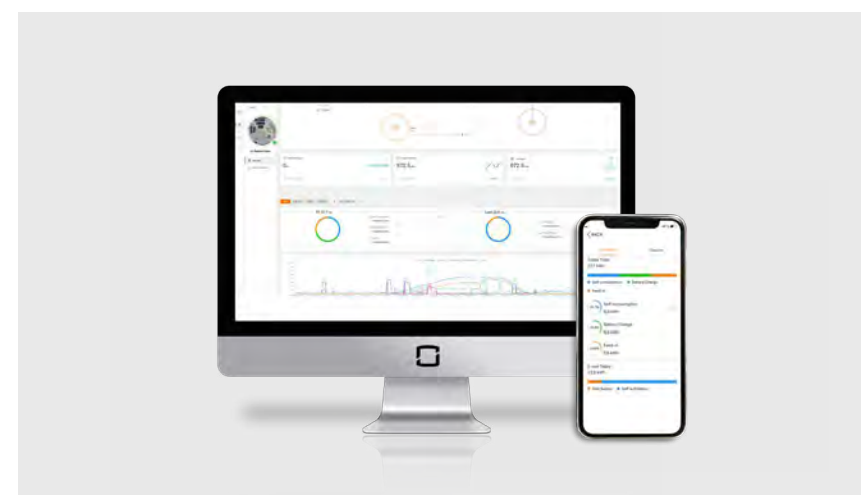
## Fun

Mounting the inverter on the wall with an **integrated water level**. Always in balance, making a good impression.



## Easy

The unique **Push - Click - Go connectors** make the installation as convenient as never before.



## Smart

**iSolarCloud** – Guided off-line commissioning and free monitoring wherever you are.

## Profitable

**Want to increase your power generation?**

Our Residential PV Heroes together with the Sungrow Optimizers, give you the perfect solution.



# COMMERCIAL EXTREME HEROES

## Commercial Extreme



33 – 50 kW

This inverter combines power, safety and lightweight: The weight is reduced by 34 % and the patented external AC-connector makes installation extremely easy for one person. It's compatible with high power modules and provides more safety thanks to AFCI 2.0 technology.

SG33CX, SG50CX

## Commercial Extreme



125 kVA

With 30 A MPPT current input, the inverter follows the latest market trends and is compatible with over 500 Wp PV modules. The increased amount of 12 MPPTs allows better and more flexible plant design. The new AC Side makes installation as comfortable as possible.

SG125CX

## Durable

### Smart active cooling –

Durable, high-quality fans ensure the perfect operating temperature at any time. Longevity engineered.



## Safe

### IP66, C5 and NS-protection –

Safety is our top priority. Our integrated NS-protection isn't just safe, but also saves you a lot of money.

## Easy

### Patented AC-

**Connector** – No need to open the inverter for commissioning. Solutions that stand out!



## Profitable

### DC/AC ratio up to 1.4 –

Sometimes less is more. With Sungrow you need less inverters for the same amount of PV.





# SUNGROW ACCESSORIES

With our AC Charger, Optimizer, communication devices and smart meters you are perfectly equipped for every scenario.

## AC Charger



AC007E-01, AC011E-01

### Flexible

The AC Charger has 4 different charging modes to fit all needs

### Adaptable

While being the perfect addition to our 1- & 3-phase Hybrid, the AC Charger can also be used as a standalone product

## Optimizer

### Easy

With a quick plug & play installation, the Optimizer allows real-time module level monitoring

### Profitable

The Optimizer can increase your power generation up to 30%.



## WiNet



The best of both worlds combined: WiFi and Ethernet in one port. Accurate and reliable data with 10 sec. refresh rate.

## EyeS4



Full online monitoring in real time. EyeS4 offers Wifi and 4G connectivity directly to your inverter.

## 1-phase meter



More energy transparency for single phase homes. The 1-phase meter helps to optimize your consumption.

## 3-phase meter



Precise determination of electrical measured values. Keep track on feed-in & consumption. The 3-phase grid solution.

## COM100D



Plant maintenance as simple as it can be! With Logger1000A inside, it supports RS485, Ethernet and WLAN communication and 4G.

Get the full picture with the **Sungrow Accessories.**

# FREE, SMART AND EASY TO USE

Stay tuned, no matter where you are!



iSolarCloud  
Web & App

Superior Monitoring, higher yield. Get the most out of your PV installations with our free of charge platform. No matter if App or for desktop, we care about data security. All data is stored on European servers.



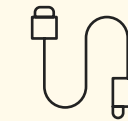
iSolarDesign  
Web

Validate your plant design or generate a harmonics report in the blink of an eye. With the help of the new features, such as 3D modeling with obstacles or the integration of iSolarDesign with iSolarCloud, you can take your planning to the next level.



iSolarCloud

**Superior monitoring.**  
Higher yield.



## Fast

The iSolarCloud wizard guides you through commissioning in a breeze.



## Safe

Your data is secured on a European server; 100 % GDPR compliant.



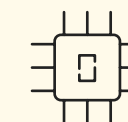
## Smart

Benefit from remote parameter setting and troubleshooting from wherever you are.



## Easy

Enjoy the most user-friendly monitoring with lucid tables and automated reports.



## Future-proof

Be always up to speed and get new features and frequent updates.



## Connected

Share your solar plants with colleagues and your family..



# FLOATING, UTILITY & MORE



With more than 70 patents, we are the leading supplier for floating systems.

Upper picture: Guqiao, Huainan, China

With our floating solutions we open up completely new fields for solar parks. We've built one of the world's largest floating PV plants in Guqiao, China. **We live green energy**, no matter the size or the location, it's deeply anchored in our DNA.

At **Sungrow Clean Power** is made to fit any size.

Our turn-key container solutions come with versatile application possibilities and integrated features to meet the requirements of the grid. Due to its standard design (10- to 4w0-foot container size), our central inverters are **easy to transport and easy to install**.

We know that the PV inverter may not be the only thing you need for your solar park – with our **Sungrow storage solutions** you will have power whenever you need it. All in all a care-free package.



**SG6250HV-MV in Palencia, Spain:** Built in 2021, this 24MW plant was the first plant in Europe to install the turnkey solution from Sungrow.



# CUSTOMER CARE



Things don't stop with the product purchase. What matters most is you!

Some companies may consider **in-depth service** to be nothing but a cost factor. We like to think of it as a **welcome chance to reconnect** and build a long-lasting and mutually beneficial relationship with you.

With numerous **Sungrow service outlets** all over Europe we have a massive manpower ready to

tackle all the challenges that you may face.

We built regional **spare part warehouses fully stocked** with original parts for fast delivery. We will train you in all aspects of operation, maintenance and project management required for your installation. So don't worry whatever it may be – **we are here for you!**



16 Service  
Outlets



14 Local  
Teams



6 Regional  
Warehouses

We believe in absolute **reliability, top quality** and the **long-term success** of renewable energies.

Sungrow is the perfect partner for that mission. During the past **7 years of our strong partnership**, Sungrow has more than proven that we can fully rely on their expertise and support.



Stefan Müller  
COO Enerparc





# WE CREATE MEMORIES

It's time to get to know each other and have some fun together!

With the **Sungrow Power Day** we want to give you the possibility to get to know us in an inspiring and fun way. A day packed with excellent conversations and great people is waiting for you.

Product Hands-On  
R&D Experts  
Social Drinks & Snacks  
Networking  
Experience Tour



Visit a Sungrow Power Day and become **Sungrow Power Partner**.



That's  
spectacular,  
outstanding!



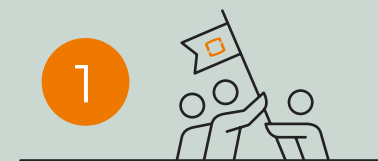
Erasmus Lob  
Founder | Lob Solar





# HOP ON BOARD AND JOIN OUR MISSION: CLEAN POWER FOR ALL

**We offer** the highest value for  
the most competitive pricing.  
**We work** with the best.  
**We are** ready – are you?



Get your personal Partner  
Success Manager to boost  
your business.



Enjoy an exciting  
onboarding experience and  
get latest industry insights.



Get access to the Sungrow  
Power Kit with cutting-  
edge info material for  
professionals and end users.



Experience hands-on  
workshops, a factory visit  
and Chinese culture in the  
Sungrow Headquarter.



# 32 pages of Sungrow but you still want more? **So do we!**

Let's join forces and conquer the world.  
We are sure, together nobody can stop us.  
We can't wait to get to know you!

Learn more on

**[www.sungrowpower.com](http://www.sungrowpower.com)**

© 2023 Sungrow. All rights reserved.  
Subject to change without notice. Version 3.1