



## INTRODUCTION



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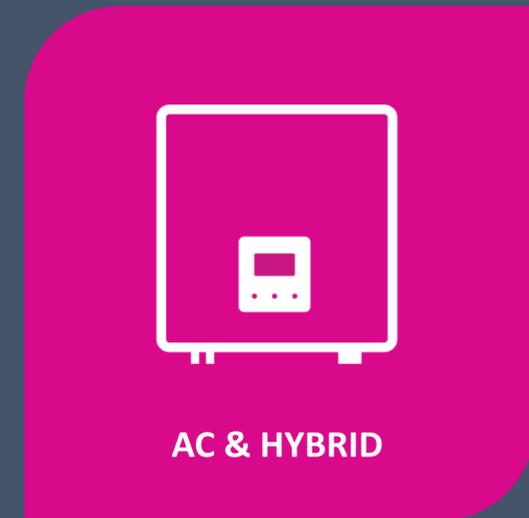
# ABOUT US



# ABOUT FOX



Founded in 2019, FOXESS is specialized in the R&D, production and sales of energy storage inverters and battery systems, provides advanced distributed energy, energy storage products and smart energy management solutions for residential, industrial and commercial enterprises, and aims to help customers manage the whole process of new energy power generation, power storage and power consumption more efficiently, thus improving energy utilization and reducing power consumption.



# Employee Status



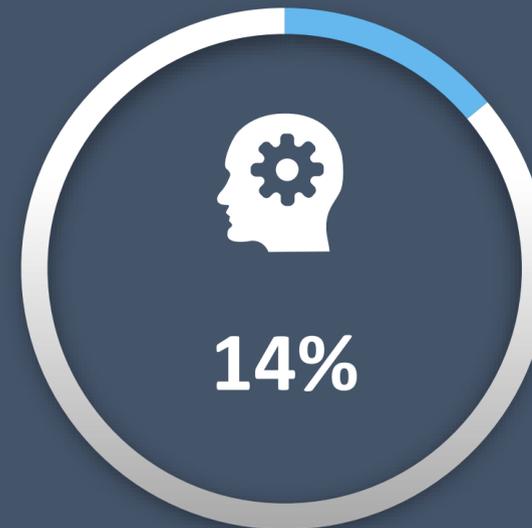
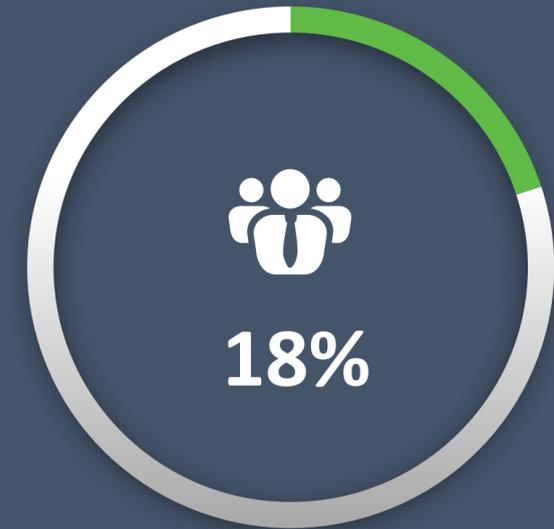
Total Employees  
**1980**



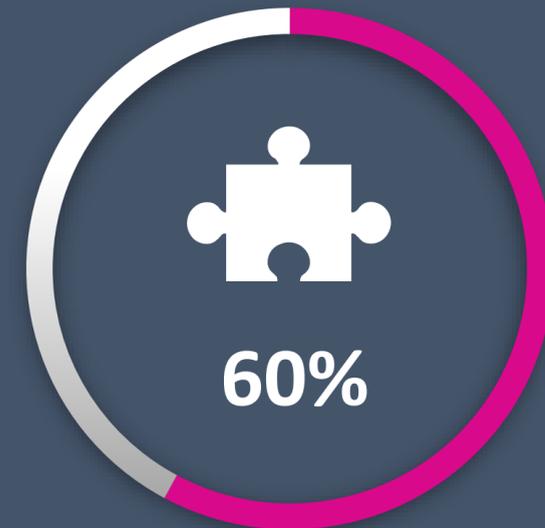
Marketing &  
Sales Team



Others



R&D Team



Production  
Team



# R&D

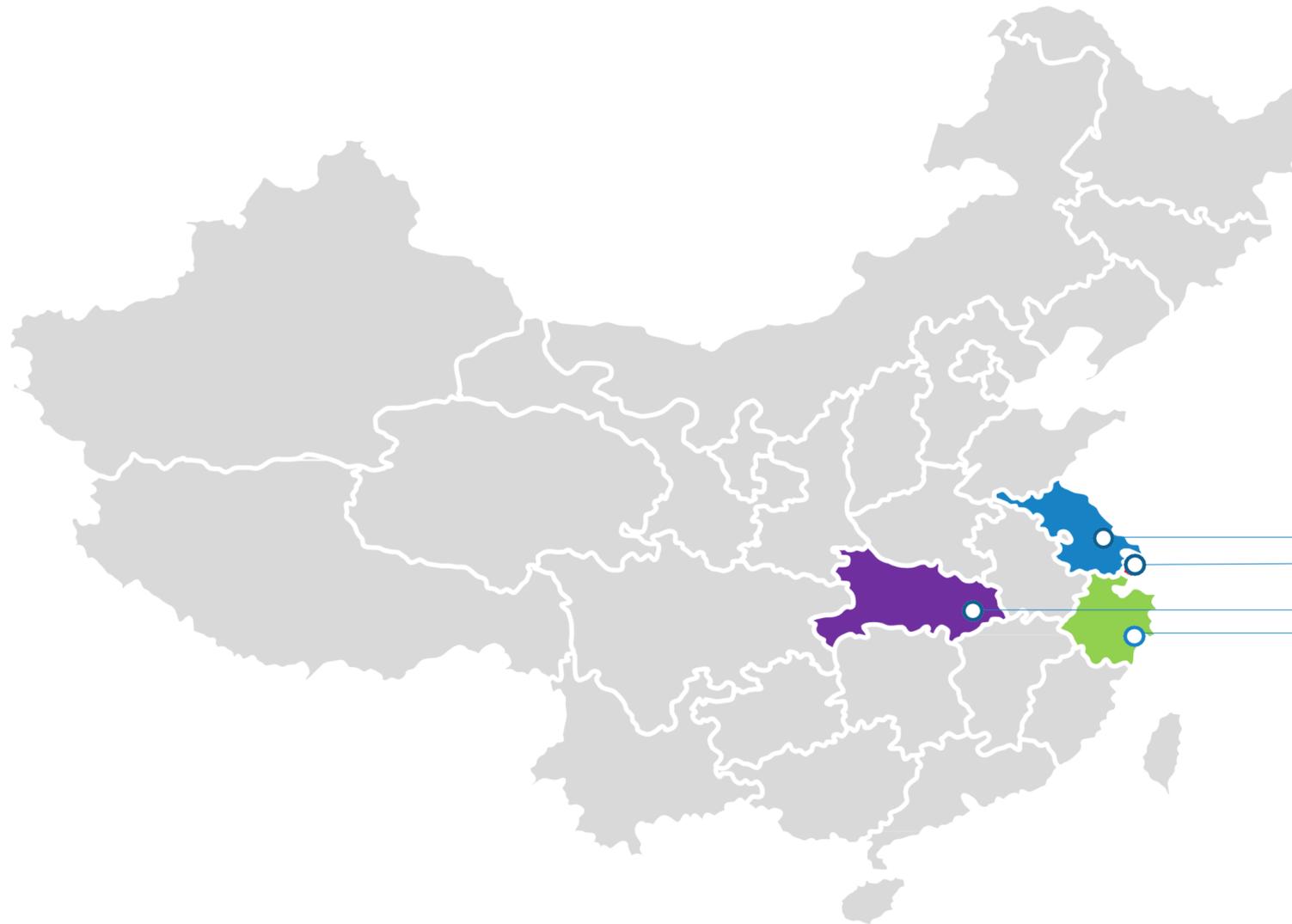
## The Fox Development Team



The core of FoxESS is a number of advanced R&D centers located in Shanghai, Wuxi and Wuhan. In these R&D centers, hundreds of engineers and technicians are tirelessly improving the products to ensure that FoxESS photovoltaic inverter, energy storage system and other products always keep the leading position. The R&D team of FoxESS is mainly composed of experts in inverter and energy storage technology, including a variety of senior technical experts with rich experience in well-known enterprises of the industry.



# Fox China



**Fox Wuxi R&D Center**  
Wuxi



**Fox Shanghai R&D Center**  
Shanghai



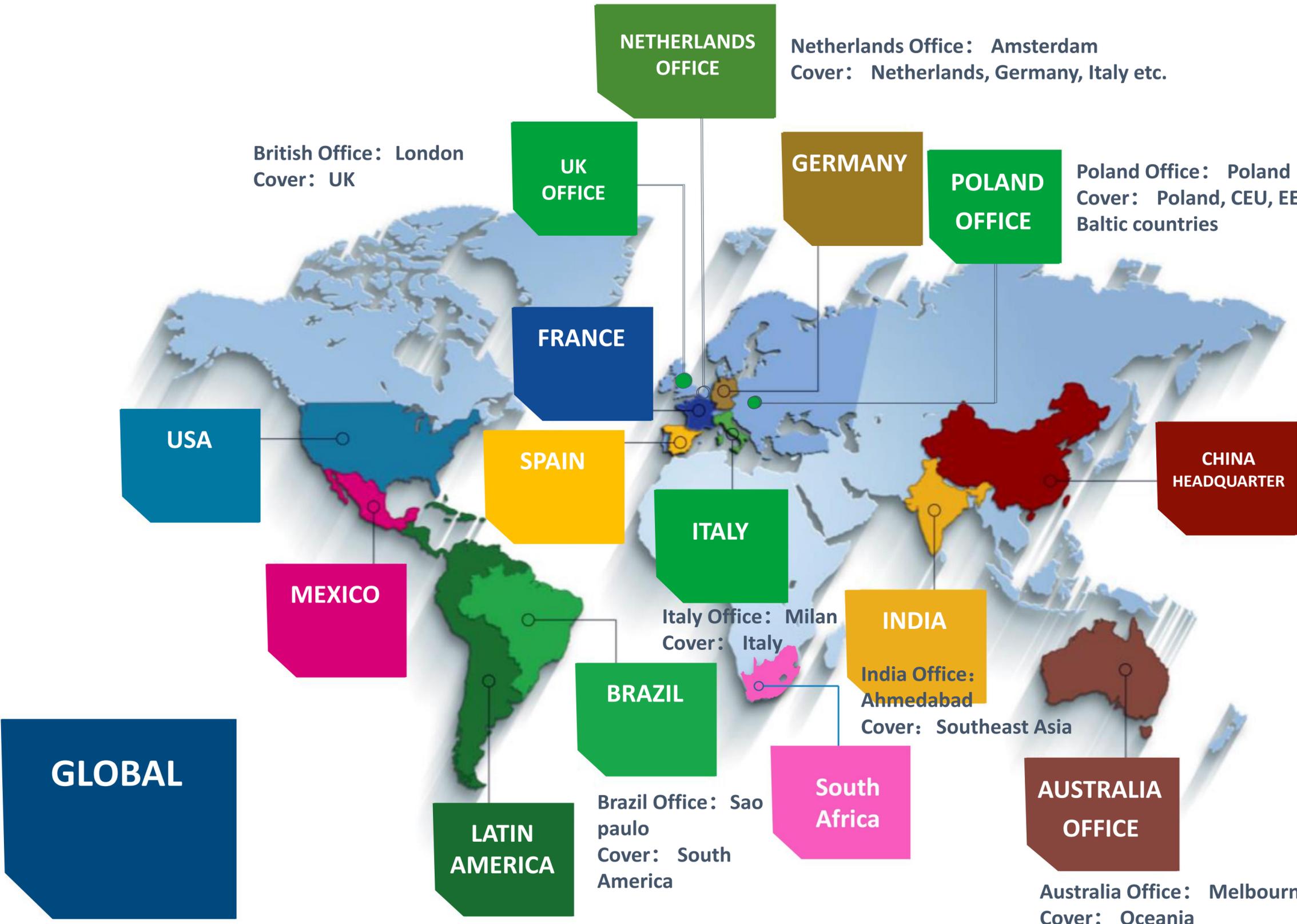
**Fox Wuhan R&D Center**  
Wuhan



**Fox Wenzhou Factory**  
110,000 square meters  
11Gw capacity  
Wenzhou

# Global Markets

Fox Around The World



# Fox Wenzhou Factory

11GW Inverter Factory

Largest Inverter Independent Factory in Asia





# Wenzhou Headquarter Video



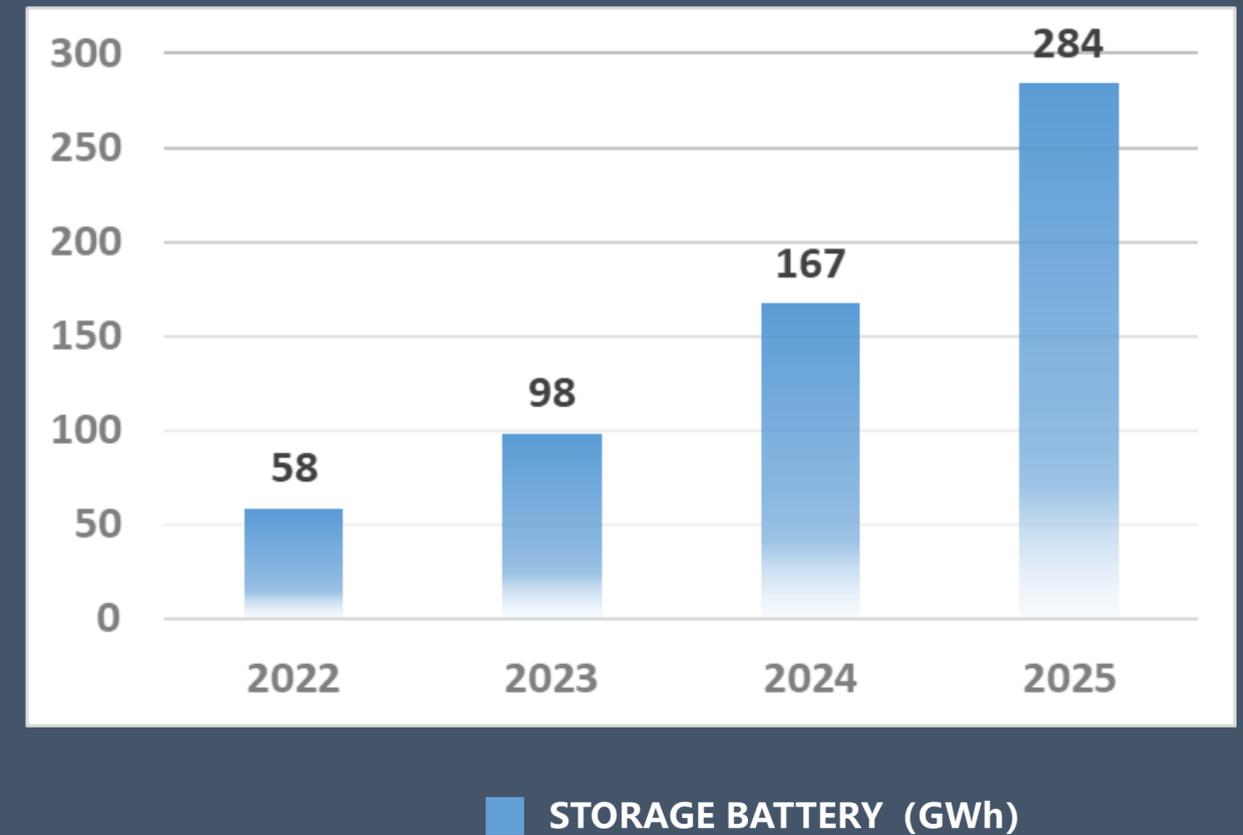
## 5 YEARS TARGET

No. 1 in the world in residential energy storage



In the report on the global household photovoltaic energy storage market released by the International Market Research Institute Technavio, The global residential PHOTOVOLTAIC energy storage market is expected to grow by US\$26.59 billion by 2024, with a CAGR of 37%.

### 2022-2025 Global Storage Battery Shipment Forecast (Average annual increase >70%)





PARTNERS

# PARTNER

Fox Around The World



# PARTNER - GLOBAL SUPPLIER

Fox Around The World



# IMPORTANT SHAREHOLDER



Fox Around The World



## Tsingshan Group

Tsingshan Group is headquartered in Wenzhou City, Zhejiang Province, China. It started in the 1980s. After more than 30 years of development, it has become a leading enterprise in the field of stainless steel in China, with annual sales exceeding 350 billion yuan. Its business fields not only cover from nickel The whole industrial chain of stainless steel from mining to plate, rod and wire processing also produces raw materials, intermediate products and new energy batteries in the field of new energy, which are mainly used in energy storage systems and electric vehicles.

Tsingshan Group has production bases all over the world, with 8 production bases in Indonesia, India, the United States, Zimbabwe and other places, and the output of stainless steel and ferronickel ranks first in the world.

Currently, Tsingshan Group ranks 238th among the Fortune Global 500; 80th among China's Top 500 Enterprises; 14th among China's Top 500 Private Enterprises .

# PRODUCTS



# PRODUCT 01

## GRID TIED INVERTER

- **S SERIES (G2)**
- **F SERIES**
- **G SERIES**
- **T SERIES (G3)**
- **R SERIES**

Fox offer a range of single and dual-MPPT single-phase inverters offering unparalleled efficiency and performance. All our string inverters are 'battery ready' and are fully compatible with the all-in-one Fox storage system.

Our range starts with a 700W model – small and compact and with an ultra-low start-up voltage that will ensure you harvest the most energy possible from your solar panels. With inverters sized to cater for almost all scenarios, with a range from 700W to 136kW, which fulfill demands from residential to the commercial, clients will be able to configure their plants consistently to the terminal easily and flexibly with fabulous efficiency, meanwhile safety will always be the prime concern from FoxESS, we provide extraordinary devices to keep all the property and human life safe.





## S SERIES (G2)

Single Phase, Single MPPT String Inverter  
0.7 ~ 3.3kW

- 1. Smaller volume, more convenient installation.
- 2. In line with the aesthetic design of the human body, home characteristics.
- 3. Higher conversion efficiency, more compliant to the needs of small plants.



### High Performance

Low start-up voltage, wide voltage range, 97.4% maximum efficiency



### Upgradeable\*

Fully optimised for upgrade to the FOX range of battery storage system

\*Requires additional FOX equipment



### IP65 Rated

Engineered to last with maximum suitability for outdoor installation



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal



## F SERIES

Single Phase, Dual MPPT String Inverter  
3 ~ 6kW

- 1. In line with human aesthetic design, home characteristics.
- 2. Higher conversion efficiency, more in line with the needs of small plants.
- 3. Wider MPPT input current range which compatible with high power PV panels.
- 4. With AFCI (arc fault detection function).



### High Performance

Low start-up voltage, wide voltage range, 97.4% maximum efficiency



### Upgradeable\*

Fully optimised for upgrade to the FOX range of battery storage system

\*Requires additional FOX equipment



### IP65 Rated

Engineered to last with maximum suitability for outdoor installation



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal



## G SERIES

Single Phase, Three MPPT string Inverter  
7 ~ 10.5kW

- 1. In line with human aesthetic design, home characteristics.
- 2. Higher conversion efficiency, more in line with the needs of small plants.
- 3. Wider MPPT input current range which compatible with high power PV panels.
- 4. With AFCI (arc fault detection function).



### High Performance

Low start-up voltage, wide voltage range, 97.8% maximum efficiency



### Upgradeable\*

Fully optimised for upgrade to the FOX range of battery storage system  
\*Requires additional FOX equipment



### IP65 Rated

Engineered to last with maximum suitability for outdoor installation



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal



## T SERIES (G3)

Three Phase, Dual MPPT String Inverter  
3 ~ 25kW

- 1. Ultra-wide power application range: 3 ~ 25kW.
- 2. With AFCI (arc fault detection function).
- 3. Diversified interface design, better compatible with third-party systems; (Design for special needs of Polish and German power grids).
- 4. Wider MPPT input current range which compatible with high power PV panels. and enrich application scenarios.



### High Performance

Low start-up voltage, wide voltage range, 98.6% maximum efficiency



### Upgradeable\*

Fully optimised for upgrade to the FOX range of battery storage system

\*Requires additional FOX equipment



### IP65 Rated

Engineered to last with maximum suitability for outdoor installation



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal

# R SERIES

Three Phase, Nine MPPT String Inverter  
75 ~ 136kW

- 1. High protection level: IP66 protection level, anti-corrosion C5.
- 2. DC support 2-in-1 connection, fuse free design.
- 3. With AFCI function (arc detection), string current detection.
- 4. Integrated PID repair function, stronger reliability.
- 5. Support high power in stand-alone mode.



**PV STRING**  
CURRENT MONITORING



**ARCFULT**  
CIRCUIT INTERRUPTER  
FUNCTION



**SMART**  
I/V CURVE FUNCTION



**IP66 RATED**



# PRODUCT 02

# ENERGY STORAGE INVERTER

- **H1/AC1 SERIES**
- **H3/AC3 SERIES**
- **K SERIES**
- **US SERIES**
- **AIO SERIES**

Our AC retro-fit charger allows for maximum flexibility. An ideal solution for upgrading existing systems with battery storage capability, or as an integral part of a new installation. Our chargers and batteries are interchangeable and can be sized according to your needs.

The Fox hybrid inverter range is a high-voltage, high-efficiency solution that maximizes both yield and self-consumption. Store surplus solar energy in batteries in the most efficient way possible, and enjoy charge/discharge rates which are double equivalent to the products from other manufacturers.





# H1/AC1 SERIES

Single-Phase, Dual MPPT Hybrid/AC storage Inverter  
3 ~ 6kW

Harness the power of the sun day and night with the ground-breaking range of Hybrid & AC inverters from FoxESS.

Full of advanced features and compatible with our very own range of high-voltage batteries, the hybrid range from FoxESS is a new class of Inverter.



#### Easy Installation

Flexible configuration, plug and play set-up, built-in fuse protection.



#### High Voltage

Connects to high-voltage batteries for maximum round-trip efficiency.



#### IP65 Rated

Engineered to last with maximum flexibility. Suitable for outdoor installation.



#### Remote Monitoring

Monitor your system remotely via smartphone app or web portal.



# H3 / AC3 SERIES

three-Phase, Dual MPPT storage Inverter

H3 5 ~ 12kW

AC3 5 ~ 10kW

Harness the power of the sun day and night with the ground-breaking range of Hybrid & AC inverters from FoxESS.

Full of advanced features and compatible with our very own range of high-voltage batteries, the hybrid range from FoxESS is a new class of Inverter.



#### Easy Installation

Flexible configuration, plug and play set-up, built-in fuse protection.



#### High Voltage

Connects to high-voltage batteries for maximum round-trip efficiency.



#### IP65 Rated

Engineered to last with maximum flexibility. Suitable for outdoor installation.



#### Remote Monitoring

Monitor your system remotely via smartphone app or web portal.



## K SERIES

Single Phase, Hybrid/AC storage Inverter  
7 ~ 10.5kW

The capacity of the single-phase energy storage system is increased, which makes the product line richer and increases the flexibility of system matching.



### Easy Installation

Flexible configuration, plug and play set-up, built-in fuse protection.



### High Voltage

Connects to high-voltage batteries for maximum round-trip efficiency.



### IP65 Rated

Engineered to last with maximum flexibility. Suitable for outdoor installation.



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal.



# US SERIES

Single Phase, Hybrid/AC storage Inverter  
3.8 ~ 11.4kW

- 1. Researched and developed according to the characteristics of the American market.
- 2. In line with the user habits of the American market.
- 3. Comply with safety regulations for the American market.



#### Easy Installation

Flexible configuration, plug and play set-up, built-in fuse protection.



#### High Voltage

Connects to high-voltage batteries for maximum round-trip efficiency.



#### IP65 Rated

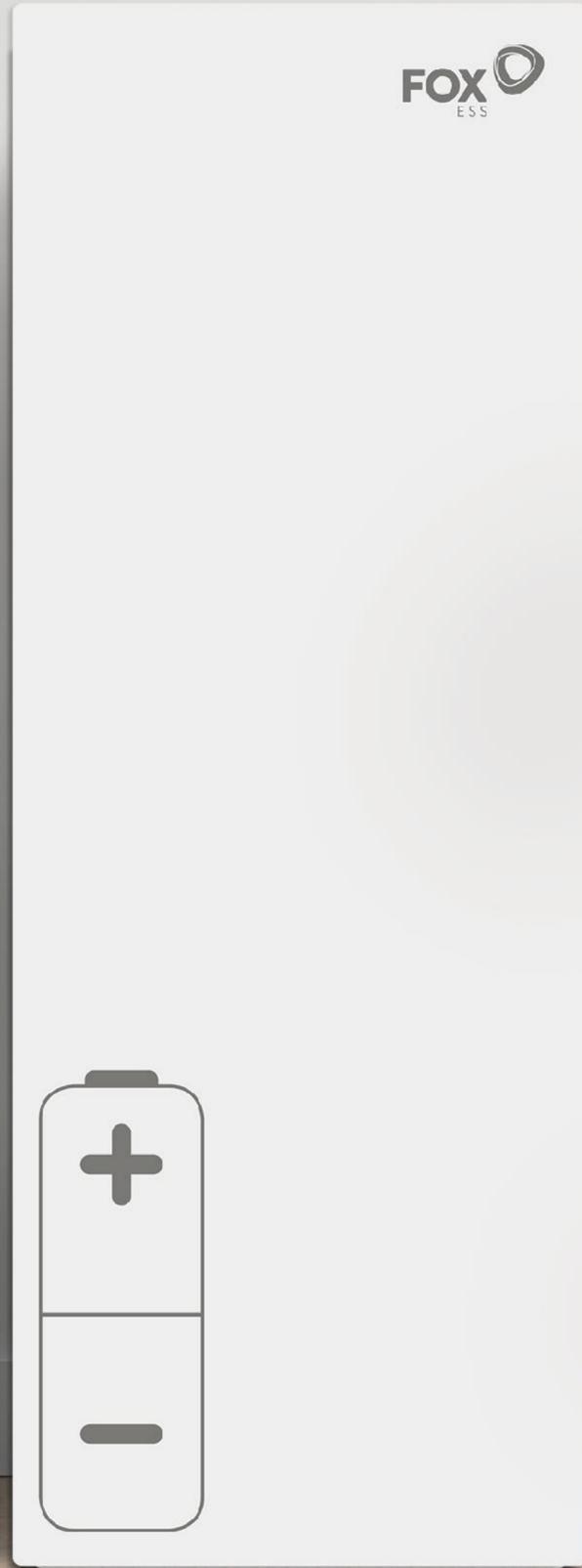
Engineered to last with maximum flexibility. Suitable for outdoor installation.



#### Remote Monitoring

Monitor your system remotely via smartphone app or web portal.

ALL-IN-ONE



## AIO SERIES

Single Phase, Three MPPT string Inverter

- AIO H1-AC1 (3 ~ 6kW)
- AIO H3 (5 ~ 10kW)

The stunning all-in-one storage system from Fox is an advanced battery storage system contained with one compact and stylish unit. Suitable for any room in the home or for outdoor installation, elegant and space-saving.



### Easy Installation

Flexible configuration, plug and play set-up, built-in fuse protection.



### High Voltage

Connects to high-voltage batteries for maximum round-trip efficiency.



### IP65 Rated

Engineered to last with maximum flexibility. Suitable for outdoor installation.



### Remote Monitoring

Monitor your system remotely via smartphone app or web portal.

# PRODUCT 03

# BATTERY STORAGE SYSTEM

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- ECS SERIES
- HIGH VOLTAGE STORAGE BATTERY
- LOW VOLTAGE STORAGE BATTERY



# ECS SERIES

ECS2800 / ECS2900 / ECS4300H / ECS4800

The ECS is a high-performance, scalable battery storage system.

The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

Additional batteries can be installed in series, installation is easy, with a plug and play solution that can save valuable time for installers.



HIGH  
VOLTAGE



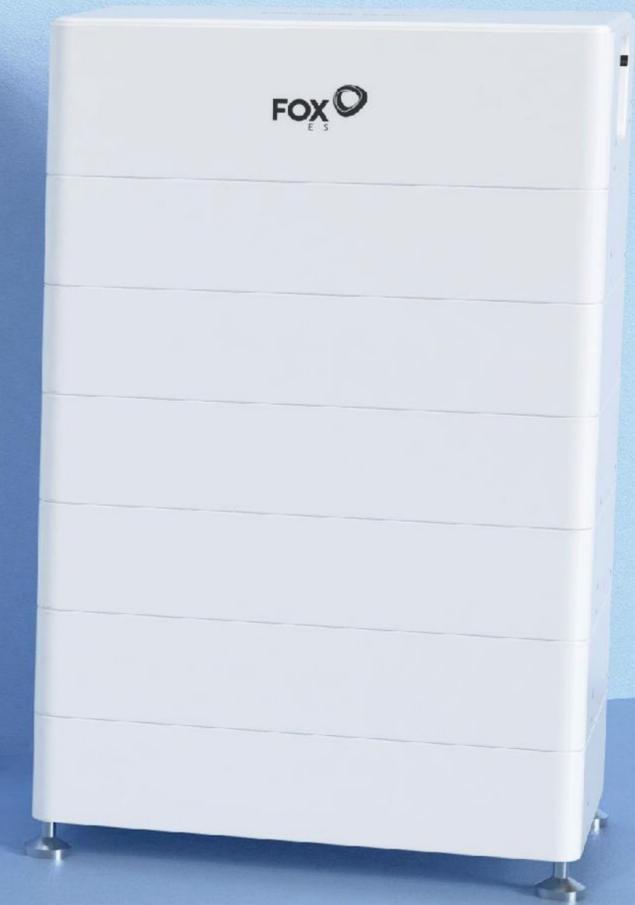
EASY  
INSTALLATION



HEIGHT  
EFFICIENCY



EXPANDABLE  
SYSTEM



# HIGH VOLTAGE STORAGE BATTERY

## HV2600 / MIRA-HV25

High voltage storage battery is a high performance, scalable battery storage module.

The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications. Additional batteries can be installed in series. Installation is easy, with a plug and play solution that can save valuable time for installers.



HIGH  
VOLTAGE



EASY  
INSTALLATION



HEIGHT  
EFFICIENCY



EXPANDABLE  
SYSTEM



# LOW VOLTAGE STORAGE BATTERY

## LV52

The LV52 are high-performance, scalable, low-voltage battery storage modules.

The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.



HIGH  
VOLTAGE



EASY  
INSTALLATION



HEIGHT  
EFFICIENCY



EXPANDABLE  
SYSTEM



# PRODUCT 04

## EV CHARGER

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- **Single-Phase: 7.3kW**
- **Three-Phase: 11kW / 22kW**

The AC EV charger is a new product launched by FoxESS . Its appearance of this product adopts a streamlined and simple design, which is more refined and glitzy. By the APP, the car owner will be able to configure the EV charger remotely and handily, we provide different working mode to adapt different scenarios.





# EV CHARGER



## Innovativeness Design

A4 paper size, streamline design



## Intelligent Control

Wireless communication (WiFi/Bluetooth)  
OCPP communication protocol with the backend  
Smart charge or scheduled charge by App



## Flexible Option

Type 1 or Type 2 charging cable  
App operation or plug and play  
Wall-mounted or floor-stand installation



## Secure and Safe

6mA DC residual current protection  
Anti-welding protection  
IP65 rated

# PRODUCT 05

# MONITORING DATALOGGER

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All Fox products are compatible with the powerful and intuitive Fox Cloud monitoring platform.

Monitor system performance anywhere in the world with our user-friendly app or web portal. Our app is compatible with both iOS and Android devices. The app can be used to view key system data and performance, both live and historic, and also to adjust battery settings so that you can maximise savings based on time of use.



• SMART WIFI



• SMART GPRS



• SMART LAN



• SMART 4G

# FOX ESS PROJECT PICTURES



Amsterdam, Netherlands



Wenzhou, China



PHOTO TOUR

# Fox Wenzhou Factory

Wenzhou · Longwan



# Fox Shanghai R&D Center

Shanghai · Pudong · Jinqiao



# Fox · Headquarter

Wenzhou, Zhejiang



# Fox · Headquarter

Wenzhou, Zhejiang



# Fox · Exhibition Room

Wenzhou, Zhejiang

STORAGE INVERTER  
储能逆变器



SMART MESH LIGHT UP YOUR LIFE  
智慧监控 高效运行



DATALOGGER  
采集器



# Fox · Production Area

Wenzhou, Zhejiang





## Fox · Production Area

Wenzhou, Zhejiang

A large iceberg is shown floating in the ocean. The tip of the iceberg is visible above the water line, while the vast majority of the iceberg is submerged below the surface. The water is a deep blue, and the sky above is a lighter blue with some white clouds. The overall image serves as a metaphor for hidden energy storage.

THE ENERGY STORAGE HIDDEN

# GIANT

FIND OUT MORE - [WWW.FOX-ESS.COM](http://WWW.FOX-ESS.COM)

