FOX ESS

Product Brochure

Inverter | Battery |
EV Charger | Heat Pump



www.fox-ess.com

PRODUCT 01

RESIDENTIAL ENERGY STORAGE SYSTEM

AIO Series:

S22 / S28 / P100 / EVO 10 /PowerQ / PQ + EQ Battery

Inverter + Battery:

H1 / KH / H3 Smart / H3 PRO / US / EQ BATTERY / EP BATTERY / CQ BATTERY

The home storage systems come in integrated & modular versions to fit diverse household need. Built on high-voltage architecture, they deliver exceptional quality, efficiency, and all-round safety. The AIO models integrates MPPTs, PCS, BMS, and batteries for super-easy installation, flexible modular expansion, and longer-lasting backup capability—reliable, neat, and ready to power your home from for free.

S22

Single-Phase, Energy Storage System
0.8kW

- All-in-One residential micro storage system, plug and play, highly flexible and extendable.



Easy Installation

Less is More

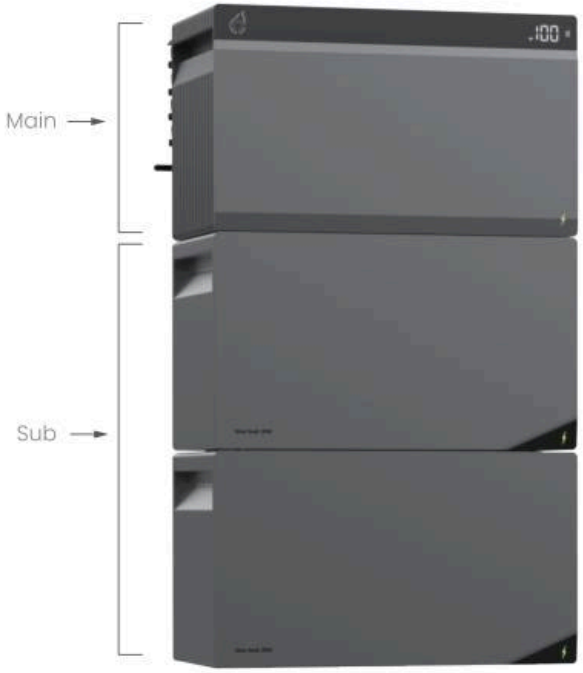
IP65 Rated

Fully Integrated Storage System

S28

Single-Phase, Energy Storage System 2.4kW

- All-in-One residential micro storage system, plug and play, highly flexible and extendable.



Easy Installation

Less is More

IP65 Rated

Fully Integrated Storage System

P100

Single-Phase, Energy Storage System
5 ~ 10kW

- A next-generation energy storage system solution with a fully-integrated inverter/charger and boasting a range of advanced features.

Less is More

Double Off-grid Backup Capability

Fully Integrated Storage System

4ms



EVO 10

Single-Phase, Energy Storage System
5 ~ 10kW

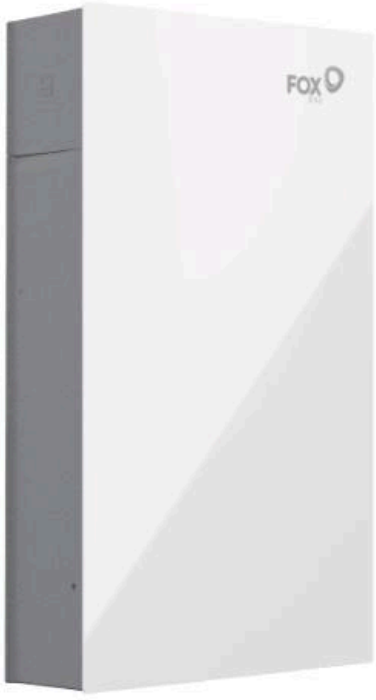
- A next-generation energy storage system solution with a fully-integrated inverter/charger and boasting a range of advanced features.

Less is More

Double Off-grid Backup Capability

Fully Integrated Storage System

4ms



PowerQ

Split-Phase,
All-in-One Residential Energy Storage System
3.8 ~ 11.4kW

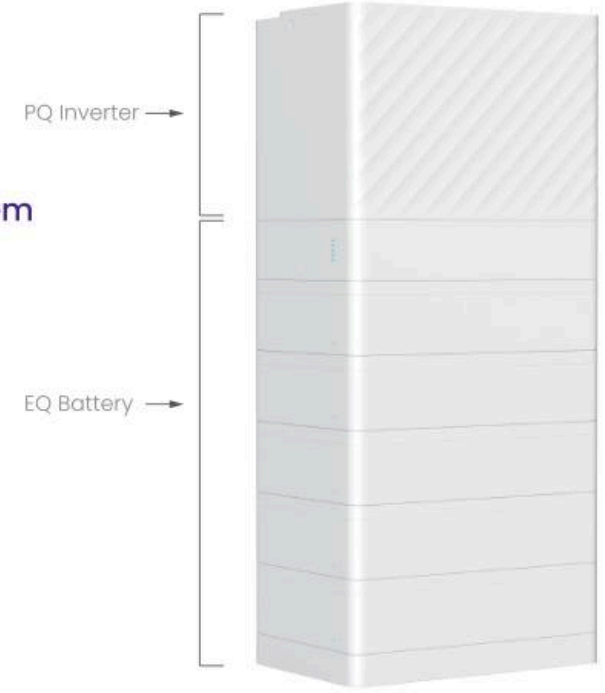
- The latest generation of an integrated residential energy storage system is tailored to meet the US market, with up to 80kWh total backup capacity.
- It is designed to meet various backup scenarios via modular system design and scalability, this Fox ESS US product offers a variety of applications to all customers.

Easy Installation

Flexibility

TYPE 4X

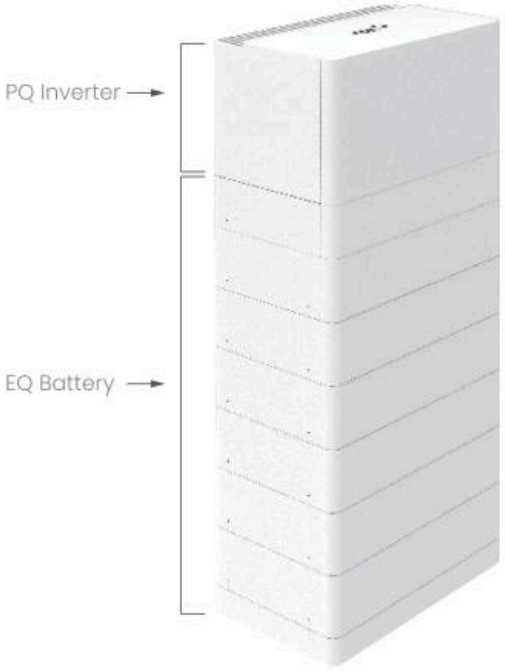
Remote Monitoring



PQ + EQ Battery

Single-Phase /Three-Phase, Hybrid/AC Energy Storage System 3.7 ~ 15.0kW

- The latest generation of an intergrated residential energy storage system, modular designed to meet various installation scenarios.



Easy Installation

Flexible Application

IP65 Rated

Remote Monitoring

H1 / AC1

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

- Harness the power of the sun everyday with the ground-breaking range of Hybrid & AC inverters from Fox ESS.
- Full of advanced features and compatible with our proprietary high-voltage batteries.



Easy Installation

High Voltage

IP65 Rated

Remote Monitoring

KH / KA

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

- The power output capacity of the single-phase energy storage system is increased, which can provide more flexible applications to our customers.



Easy Installation

High Voltage

IP65 Rated

Remote Monitoring

H3 Smart

Three-Phase, Hybrid Inverter
5 ~ 15kW

- Harness the power of the sun everyday with the ground-breaking range of Hybrid inverters from Fox ESS.
  Full of advanced features and compatible with our proprietary high-voltage batteries.



Easy Installation

High Voltage

IP65 Rated

Remote Monitoring

H3 PRO

Three-Phase, Hybrid Inverter
15 ~ 30kW

- 3 MPPTs+2 Battery sets, different combinantions bring high flexibility according to various scenario.



Easy Installation

High Voltage

IP65 Rated

Remote Monitoring

US

Split-Phase, Hybrid/AC Inverter
3.8 ~ 11.4kW

- The design of the revolutionary single phase storage inverter is tailored to meet the US market. With wide range of power output capacity and up to 4-unit parallel operation, this Fox ESS US product offers a variety of applications to all customers.

Easy Installation

High Voltage

IP65 Rated

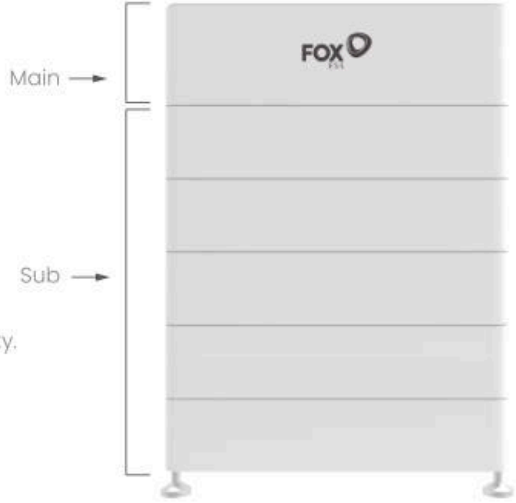
Remote Monitoring



Application Scenario:
Residential

EQ BATTERY

EQ3300 / EQ5000 / EQ5500



- Modular design and expandable.
- Plug-and-play installation, lower the installation costs.
- Wide voltage range, compatible with a variety of inverters.
- SOC high precision estimation technology.
- Temperature/voltage self-adaptation function, prolonging service life.
- Self-diagnostic technology and plentiful safety design can improve reliability.

HIGH VOLTAGE | EASY INSTALLATION | HIGH EFFICIENCY | EXPANDABLE SYSTEM | IP65 RATED

EP BATTERY

EP6 / EP12

- Integrated design and expandable.
- Plug-and-play installation, lower the installation costs.
- Compatible with a variety of inverters.
- SOC high precision estimation technology.
- Temperature/voltage self-adaptation function, prolonging service life.
- Self-diagnostic technology and plentiful safety design for higher reliability.

HIGH VOLTAGE

EASY INSTALLATION

HIGH EFFICIENCY

EXPANDABLE SYSTEM

IP65 RATED





Application Scenario:
Commercial & Industrial

CQ BATTERY

CQ7

- Integrated design and expandable.
- Plug-and-play installation, reducing the installation costs.
- Compatible with a variety of inverters.
- SOC high precision estimation technology.
- Voltage balancing algorithm, prolonging service life.
- Self-diagnostic technology and plentiful safety design for higher reliability.

HIGH VOLTAGE | EASY INSTALLATION | HIGH EFFICIENCY | EXPANDABLE SYSTEM | 90% DOD



PRODUCT 02

C&I ENERGY STORAGE SYSTEM

All in one:

G-MAX / G-MAX PLUS

Invertor + Battery:

H3 PLus / CQ BATTERY

The C&I energy storage system implments All-in-One (AIO) design, integrating long-cycle batteries, intelligent BMS, high-efficiency PCS, proactive safety protection, smart power distribution and precision thermal management into one standardized container. It enables fast deployment, flexible expansion, and stable long-duration backup power, delivering reliable, high-performance energy support for critical industrial and commercial operations.

G-MAX

Commercial and Industrial Energy Storage System 100kW+215kWh

- Compartmentalized design with a preventive alarm system.
- Zero power loss through efficient temperature control and frequency variation.
- Offers multiple operation modes, including Peak Shaving, Load Shedding, PV-Storage Energy Control, and Frequency Regulation. Operating data can be transmitted to FoxCloud via Wi-Fi, 4G or 5G.
- Preconfigured during manufacturing, plug and play onsite. Capable of parallel connection upgrades for flexible system size application.

Safety Economic Intelligent Augmentable



G-MAX PLUS

Commercial and Industrial Energy Storage System
50 ~ 125kW+241kWh

- Compartmentalized design with a preventive alarm system.
- Zero power loss through efficient temperature control and frequency variation.
- Offers multiple operation modes, including Peak Shaving, Load Shedding, PV-Storage Energy Control, and Frequency Regulation. Operating data can be transmitted to FoxCloud via Wi-Fi, 4G or 5G.
- Preconfigured during manufacturing, plug and play onsite. Capable of parallel connection upgrades for flexible system size application.

Safety Economic Intelligent Augmentable



H3 PLUS

Three-Phase, Hybrid Inverter
50 ~ 125kW

- A state-of-the-art hybrid inverter models designed for maximum efficiency and reliability. With outstanding specifications and advanced features it is a market changer in commercial applications.

Easy Installation

EPS Function

IP65 Rated

Remote Monitoring



Application Scenario:
Commercial & Industrial

CQ BATTERY

CQ7 / CQ16

- Integrated design and expandable.
- Plug-and-play installation, reducing the installation costs.
- Compatible with a variety of inverters.
- SOC high precision estimation technology.
- Voltage balancing algorithm, prolonging service life.
- Self-diagnostic technology and plentiful safety design for higher reliability.





HIGH VOLTAGE

EASY INSTALLATION

HIGH EFFICIENCY

EXPANDABLE SYSTEM

90% DOD