D-CORP INVEST PRESENTS

Fox ESS Product catalog

Residential, commercial and industrial energy solutions



2026 PRODUCT PORTFOLIO

Solar inverters, batteries, EV chargers and heat pumps

Asia, Africa and Latin America

19 PRODUCT SECTIONS

2026 PORTFOLIO

Find your product

Explore the product pages and their technical details.

Fox ESS in brief 03

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ABOUT THE MANUFACTURER

Fox ESS in brief

Founded in 2019, Fox ESS develops solar inverters, battery energy storage, EV chargers and heat pumps. Its 2026 regional brochure covers residential, commercial and industrial applications.



2019
Founded

70+
Countries and regions

200+
Partners

THE PRODUCT RANGE

- **PV and hybrid inverters**
- **Battery energy storage**
- **EV charging**
- **Heat pumps and controls**

The brochure cites BloombergNEF Energy Storage Tier 1 recognition for Q4 2024 and EUPD Research recognition for PV inverters and storage.

Fox ESS sales brochure / pages 2-3 and 12

INTEGRATED HOME STORAGE

S22

Compact all-in-one energy storage system



POWER

0.8 kW

AC PHASE

Single phase

DEPTH OF DISCHARGE

90%

TECHNICAL DATA

Dimensions in W × H × D order

S22-M dimensions	**420 × 255 × 285 mm**
S22-S dimensions	**420 × 270 × 220 mm**

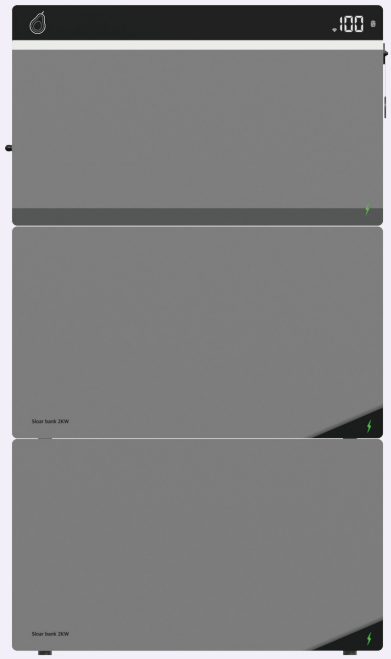
DESIGN AND OPERATION

- **Integrated storage**
  All-in-one design with EPS backup function.
- **Capacity expansion**
  Flexible configuration with plug-and-play setup and built-in fuse protection.
- **Installation**
  Compact enclosure designed for one-step installation.
- **Outdoor protection**
  IP65 enclosure for outdoor installation.

INTEGRATED HOME STORAGE

S28

Compact all-in-one energy storage system



POWER

2.4 kW

AC PHASE

Single phase

DEPTH OF DISCHARGE

90%

TECHNICAL DATA

Dimensions in W × H × D order

S28-M dimensions	**420 × 255 × 310 mm**
S28-S dimensions	**420 × 270 × 235 mm**

DESIGN AND OPERATION

- **Integrated storage**
  All-in-one design with EPS backup function.
- **Capacity expansion**
  Flexible configuration with plug-and-play setup and built-in fuse protection.
- **Installation**
  Compact enclosure designed for one-step installation.
- **Outdoor protection**
  IP65 enclosure for outdoor installation.

INTEGRATED HOME STORAGE

P100

AVOCADO integrated energy storage system



POWER RANGE

5-10 kW

BATTERY CAPACITY

10 kWh

AC PHASE

Single phase

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**584 × 1009 × 197 mm**
Operating temperature	**−20 °C to 55 °C**
Enclosure / depth of discharge	**IP66 / 95% DoD**

DESIGN AND OPERATION

- **Integrated design**
  All-in-one system with EPS function and a one-step installation design.
- **Parallel off-grid switching**
  4 ms switching as stated for parallel off-grid operation.
- **Off-grid overload**
  Fox ESS reports 200% overload for 10 seconds.

RESIDENTIAL INVERTERS

H1 / AC1

Single-phase residential inverter range



POWER RANGE

3-6 kW

AC PHASE

Single phase

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**434 × 418 × 185 mm**

RESIDENTIAL INVERTERS

KH / KA

Single-phase residential inverter range



POWER RANGE

7-10.5 kW

AC PHASE

Single phase

TECHNICAL DATA

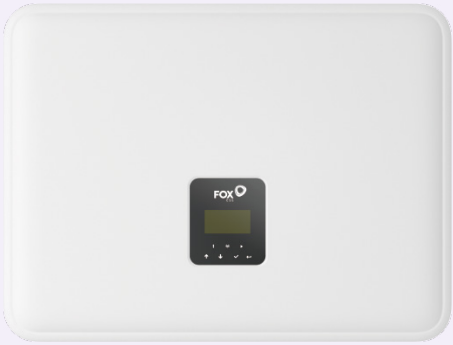
Dimensions in W × H × D order

Dimensions	**450 × 527 × 208 mm**

RESIDENTIAL INVERTERS

P3-S

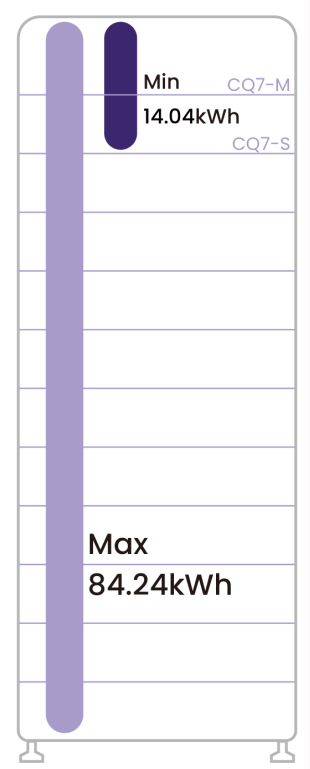
Three-phase inverter with CQ7 storage configuration



POWER RANGE
5-15 kW

AC PHASE
Three phase

CQ7 CAPACITY CONFIGURATION



TECHNICAL DATA

Dimensions in W × H × D order

Inverter dimensions	**600 × 450 × 226 mm**
Illustrated CQ7 stack dimensions	**660 × 1970 × 360 mm**
CQ7 capacity shown	**14.04-84.24 kWh**

DESIGN AND OPERATION

- **High voltage storage**
  The CQ7 range is expandable and listed with IP65 protection.
- **Installation**
  Fox ESS highlights easy installation and high efficiency for the CQ7 range.

Fox ESS sales brochure / pages 6-7

HIGH VOLTAGE BATTERIES

EP6

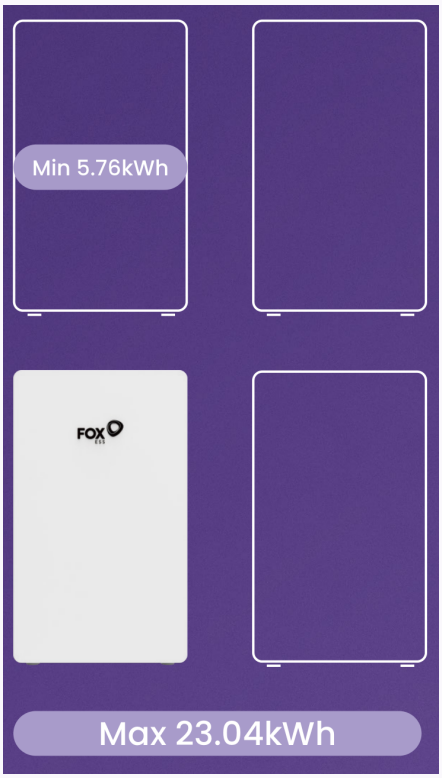
High voltage storage battery



CAPACITY SHOWN
5.76-23.04 kWh

DEPTH OF DISCHARGE
90%

EP6 EXPANSION ILLUSTRATION



TECHNICAL DATA

Dimensions in W × H × D order

Battery dimensions	**380 × 640 × 185 mm**

DESIGN AND OPERATION

- **Expandable storage**
  Fox ESS shows the minimum and maximum capacities in the expansion illustration.
- **Installation**
  The brochure highlights easy installation, safety and efficiency.

HIGH VOLTAGE BATTERIES

EP12

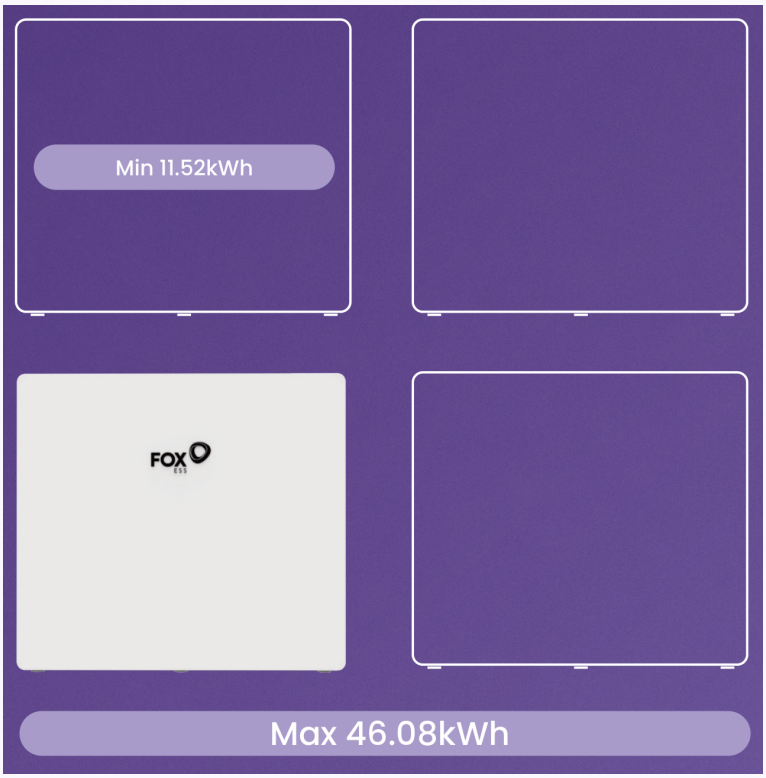
High voltage storage battery



CAPACITY SHOWN
11.52-46.08 kWh

DEPTH OF DISCHARGE
90%

EP12 EXPANSION ILLUSTRATION



TECHNICAL DATA

Dimensions in W × H × D order

Battery dimensions	**710 × 640 × 185 mm**

DESIGN AND OPERATION

- **Expandable storage**
  Fox ESS shows the minimum and maximum capacities in the expansion illustration.
- **Installation**
  The brochure highlights easy installation, safety and efficiency.

RESIDENTIAL AND COMMERCIAL

P3 PRO

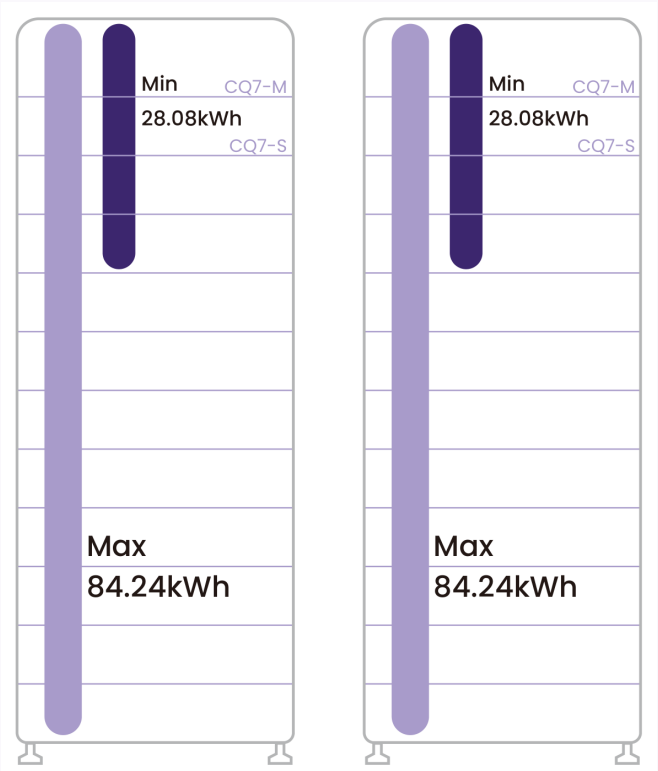
Three-phase inverter with two independent battery inputs



POWER RANGE
15-30 kW

AC PHASE
Three phase

CQ7 CONFIGURATION · 2 INPUTS



TECHNICAL DATA

Dimensions in W × H × D order

Inverter dimensions	**600 × 560 × 225 mm**
Illustrated CQ7 stack dimensions	**660 × 1970 × 360 mm**
CQ7 capacity shown per input	**28.08-84.24 kWh**

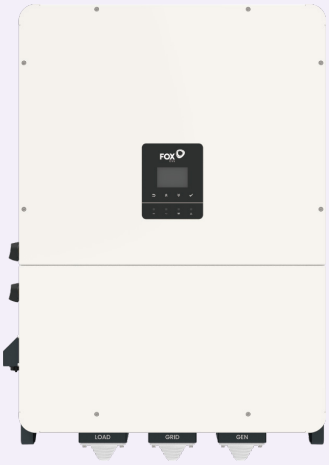
DESIGN AND OPERATION

- **High voltage storage**
  The CQ7 range is expandable and listed with IP65 protection.
- **Installation**
  Fox ESS highlights easy installation and high efficiency for the CQ7 range.

COMMERCIAL AND INDUSTRIAL

P3 PLUS + CQ7

Three-phase inverter with three independent battery inputs



POWER RANGE
50-125 kW

AC PHASE
Three phase

CQ7 CONFIGURATION · 3 INPUTS



TECHNICAL DATA

Dimensions in W × H × D order

P3 PLUS inverter dimensions	**730 × 1060 × 305 mm**
CQ7 capacity shown per input	**28.08-98.28 kWh**

DESIGN AND OPERATION

- **Battery arrangement**
  The brochure shows three CQ7 branches with CQ7-M and CQ7-S modules.

COMMERCIAL AND INDUSTRIAL

P3 PLUS + CQ16

Three-phase inverter and modular battery configuration



POWER RANGE

50-125 kW

STORAGE RANGE

64.28-723.15 kWh

AC PHASE

Three phase

TECHNICAL DATA

EPS switching	**Less than 10 ms**
Parallel support	**Up to 10 units**

DESIGN AND OPERATION

- **Backup configurations**
  Fox ESS describes configurations with more than six hours of backup.
- **Flexible sizing**
  Power and battery options suit different project requirements.
- **Conversion efficiency**
  The brochure highlights energy conversion with minimal losses.

COMMERCIAL AND INDUSTRIAL

T-MAX PLUS

All-in-one liquid-cooled hybrid energy storage system



BATTERY CAPACITY

241 kWh

CELL CAPACITY

314 Ah

AC PHASE

Three phase

TECHNICAL DATA

Power options	**50 / 60 / 80 / 100 / 125 kW**
On/off-grid switching	**10 ms**

DESIGN AND OPERATION

- **Hybrid PCS**
  Fox ESS describes a 125 kW three-phase PCS with PV, grid, generator, backup and DC EV charging connections.
- **Integrated controls**
  BMS, EMS, smart liquid cooling and fire protection.
- **Separated compartments**
  Separate compartments for safety and thermal management.
- **Backup output**
  EPS with grid simulation and support for unbalanced three-phase output.

EV CHARGING

A SERIES

Fox ESS EV charger range



MAXIMUM LISTED POWER

22 kW

RATED OPTIONS

7.3 / 11 / 22 kW

TECHNICAL DATA

Charging schedule	**Configurable**

DESIGN AND OPERATION

- **Load balancing and solar**
  Dynamic adjustment of charging power and direct use of PV power.
- **Connectivity options**
  Bluetooth, Wi-Fi, 4G and optional Ethernet.
- **Charging schedule**
  Set the time charging starts. The range lists OCPP 1.6J or OCPP 2.0.1.
- **Enclosure and impact ratings**
  The charger range lists IP54/IP55 and IK08/IK10 protection.

EV CHARGING

L SERIES

Fox ESS EV charger range



MAXIMUM LISTED POWER

11 kW

RATED OPTIONS

7.3 / 11 kW

TECHNICAL DATA

Charging schedule	**Configurable**

DESIGN AND OPERATION

- **Load balancing and solar**
  Dynamic adjustment of charging power and direct use of PV power.
- **Connectivity options**
  Bluetooth, Wi-Fi, 4G and optional Ethernet.
- **Charging schedule**
  Set the time charging starts. The range lists OCPP 1.6J or OCPP 2.0.1.
- **Enclosure and impact ratings**
  The charger range lists IP54/IP55 and IK08/IK10 protection.

EV CHARGING

C SERIES

Fox ESS EV charger range with two outputs



MAXIMUM LISTED POWER

2 × 22 kW

CONFIGURATION

Dual output

TECHNICAL DATA

Output configurations	**2 × 7.3 kW, 2 × 11 kW or 2 × 22 kW**

DESIGN AND OPERATION

- **Load balancing and solar**
  Dynamic adjustment of charging power and direct use of PV power.
- **Connectivity options**
  Bluetooth, Wi-Fi, 4G and optional Ethernet.
- **Charging schedule**
  Set the time charging starts. The range lists OCPP 1.6J or OCPP 2.0.1.
- **Enclosure and impact ratings**
  The charger range lists IP54/IP55 and IK08/IK10 protection.

HEAT PUMPS AND CONTROLS

HP SERIES

Monobloc heat pump



POWER OPTIONS

5 / 8 / 10 / 12 kW

AC PHASE

Single / three phase

REFRIGERANT

R290

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**1291 × 945 × 430 mm**
Energy class	**A+++**
Low ambient operation	**−25 °C stated in brochure**

DESIGN AND OPERATION

- **Inverter technology**
  Full DC inverter with noise reduction technology.
- **Smart operation**
  Smart control, intelligent defrosting and a user-friendly display.

HP BOX SERIES

Control Box



ACCESSORY

Control Box

AC PHASE

Single phase

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**364 × 314 × 103 mm**

DESIGN AND OPERATION

- **Controls**
  Control PCB, WILAN and colour touch screen.
- **Functions**
  Heating, cooling and domestic hot water (DHW).

HEAT PUMPS AND CONTROLS

HP BOX SERIES

Hydro Module



ACCESSORY

Hydro Module

AC PHASE

Single / three phase

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**450 × 685 × 284 mm**

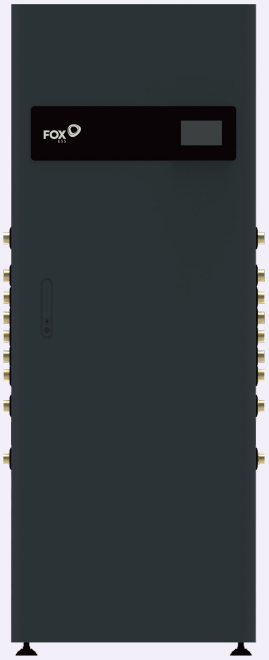
DESIGN AND OPERATION

- **Hydronic components**
  Electric heater and magnetic filter.
- **Functions**
  Heating, cooling and domestic hot water (DHW).
- **Control**
  WILAN and colour touch screen.

HEAT PUMPS AND CONTROLS

HP BOX SERIES

Hydro Box



ACCESSORY

Hydro Box

AC PHASE

Single / three phase

TECHNICAL DATA

Dimensions in W × H × D order

Dimensions	**650 × 1700 × 560 mm**

DESIGN AND OPERATION

- **Hydronic components**
  Electric heater, magnetic filter, buffer tank, expansion vessel and filling section.
- **Functions**
  Heating, cooling and domestic hot water (DHW). Supports two zones.
- **Control**
  WILAN and colour touch screen.

NOUAKCHOTT, MAURITANIA

D-Corp Invest

Discuss your Fox ESS project with our showroom team.

VISIT OUR SHOWROOM

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SOLAR AND ENERGY STORAGE



Product imagery and specifications are drawn from the April 2026 Fox ESS sales brochure for Asia, Africa and Latin America.