M SOLAR POWER
DISTRIBUTION



Product Catalogue

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www.msolarpower.co.za

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Hybrid Inverters & Energy Storage

Fox is a global leader in the development of inverter and energy storage solutions. Engineered by some of the world's leading inverter and battery experts, FoxESS products are breaking new ground; offering customers the most advanced product features currently available, coupled with unrivaled performance and reliability. Fox is part of the Tsingshan Group, a Fortune Global 500 company and the largest producer of stainless steel in the world. It has more than 56,000 employees and annual sales revenues in 2022 of 54 billion USD.

Solar Panels

JA Solar was founded in 2005. It is a Tier 1 global manufacturer of high-performance PV products that utilises continuous technological innovation to manufacture high-efficiency PERC Mono Glass on Glass Solar Panels. Their solar panels are sold in 135 countries with annual sales revenues in 2022 of 10 billion USD.

Mounting Structure

M Solar Power offers a range highly efficient of all aluminium & stainless steel mounting structure for IBR, Corruage, Safflock 700 and narrow seem roof structures


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Energy Storage
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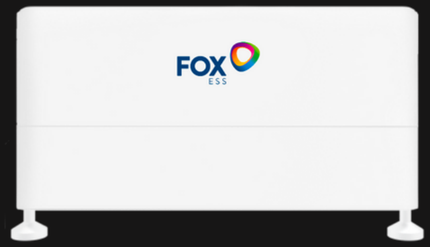
Fox 5 & 5

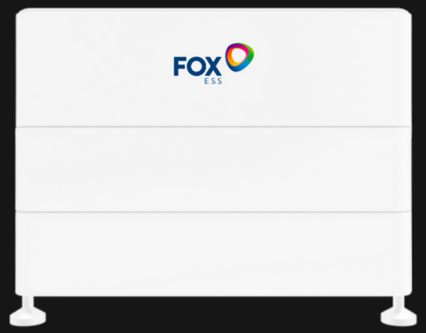


Fox 8 & 8



Fox 10.5 & 10.5







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Fox 5 & 5

The Fox 5 & 5 is a 5kW Hybrid Inverter with a 5.4kWh High Voltage battery that supports 5kw of load

- Fast & Simple Installation
- Up to 7kW EPS Output for 60 seconds (with 3 batteries installed)
- 6kW Fast Grid Charger
- Easy Battery expansion up to 19kWh
- Supports Parallel Installation
- 10 Year Inverter and Battery Warranty
- Full Remote Monitoring and over-the-air updates
- Remote Configurable
- Fanless Inverter / Low Noise Operation
- 2 MPPT trackers
- Supports up to 7.5kW of solar panels
- All the components are engineered and integrated by one manufacturer
- The battery complies with the highest safety standard European IEC 62619:2022
- South African Grid Certified (NRS97-0-2-1)

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Fox 8 & 8

The Fox 8 & 8 is an 8kW Hybrid Inverter with 8.2kWh of High Voltage battery that supports 8kw of load

- Fast & Simple Installation
- Up to 10kW EPS Output for 60 seconds (with 4 batteries installed)
- 8kW Fast Grid Charger
- Easy Battery expansion up to 19kWh
- Supports Parallel Installation
- 10 Year Inverter and Battery Warranty
- Smart Phone APP, Full Remote Configuration and over-the-air updates
- Remote Configurable
- Fanless Inverter / Low Noise Operation
- 3 MPPT trackers
- Supports up to 12kW of solar panels
- All the components are engineered and integrated by one manufacturer
- The battery complies with the highest safety standard European IEC 62619:2022
- South African Grid Certified (NRS97-0-2-1)

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Fox 10.5 & 10.5

The Fox 10.5 is a 10.5kW Hybrid Inverter with 10,96kWh of battery that supports 10.5 kw of load

- Up to 12kW EPS Output for 60 seconds (with 5 batteries installed)
- 10.5kW Fast Grid Charger
- Easy Battery expansion up to 19kWh
- Supports Parallel Installation
- 10 Year Inverter and Battery Warranty
- Full Remote Monitoring and over-the-air updates
- Remote Configurable
- Fanless Inverter / Low Noise Operation
- 4 MPPT trackers
- Supports up to 15kW of solar panels
- All the components are engineered and integrated by one manufacturer
- The battery complies with the highest safety standard European IEC 62619:2022
- South African Grid Certified (NRS97-0-2-1)

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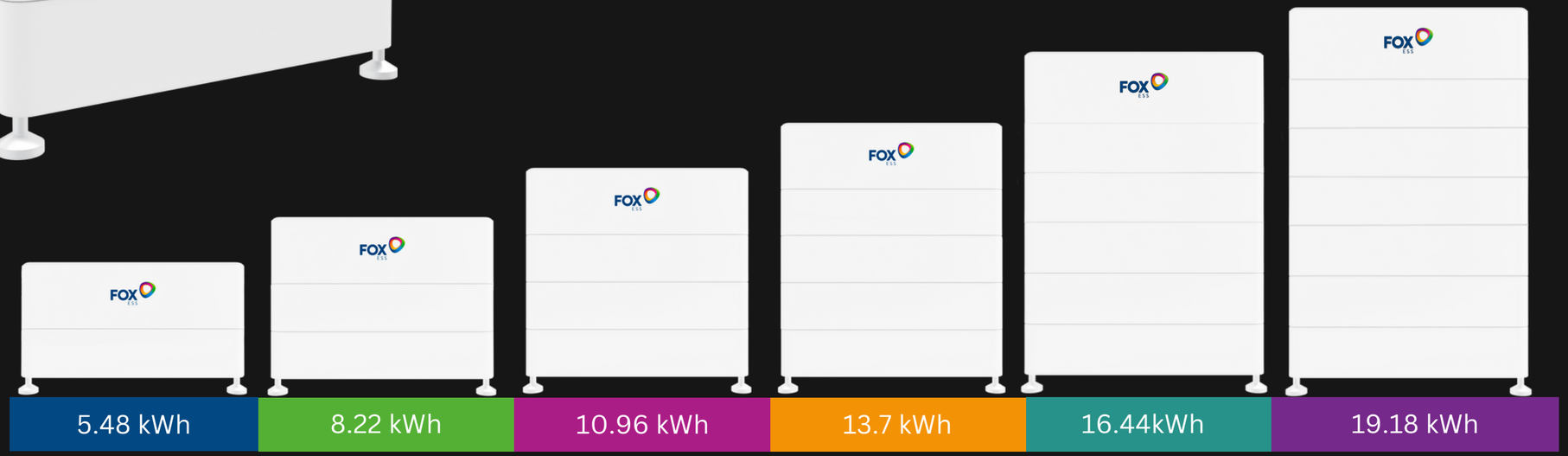
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Energy Cube 2.74kWh

Pairs with the FoxESS 5, 8 & 10.5 kW inverters



- Simple, Easy Installation & Upgrade Path
- 10-Year Battery Warranty
- High Voltage - High round trip efficiency, low internal operating temperature
- 2.74kWh stackable battery modules
- Stack 2-7 pieces for up to 19.18kWh of storage
- IP65 rated for outdoor installation
- 6000 Cycles / 90% Depth of Discharge
- Highest levels of battery safety certification
- The battery complies with European IEC 62619:2022 safe operation standard
- All the components are engineered and integrated by one manufacturer



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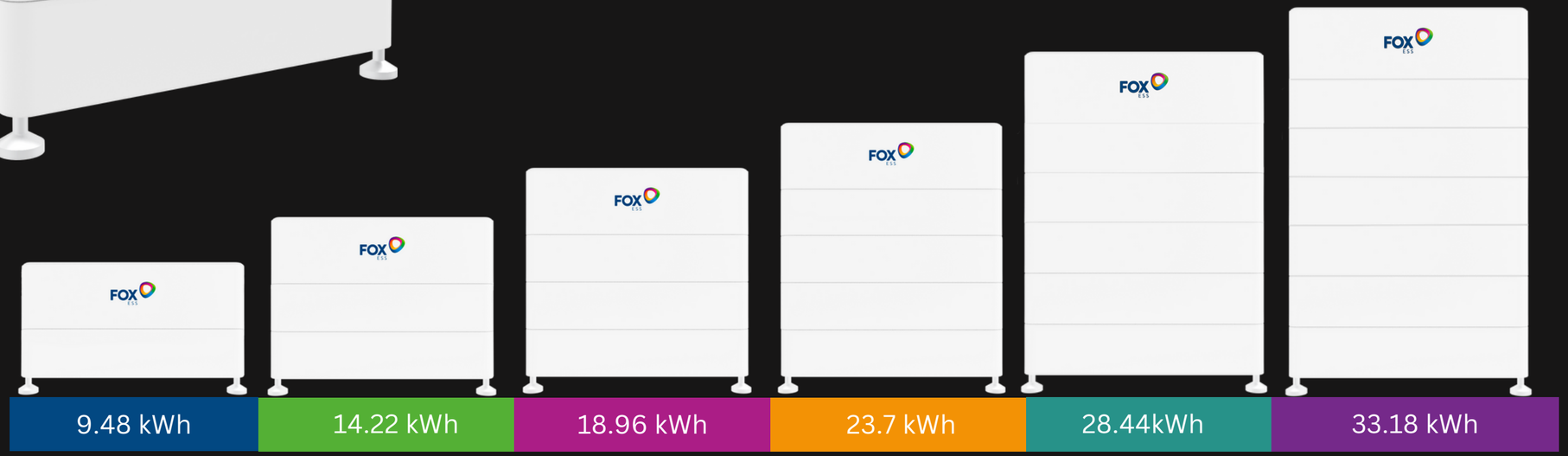
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Energy Cube 4.74kWh

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Inverter & Battery Datasheets

Fox 5 kW Inverter

- Fox 5 Brochure
- Fox 5 Datasheet
- Fox 5 Installation Guide & Manual

Fox 8 kw Inverter

- Fox 8 Brochure
- Fox 8 Datasheet
- Fox 8 Installation Guide & Manual

Fox 10.5 kW Inverter

- Fox 10.5 Brochure
- Fox 10.5 Datasheet
- Fox 10.5 Installation Guide & Manual

Fox 4.74kWh Battery

- Fox Energy Cube Datasheet - 4800
- Fox Energy Cube Quick Installation Guide
- Fox Energy Cube User Manual

Fox 2.74kWh Battery

- Fox Energy Cube Datasheet - 2800
- Fox Energy Cube Quick Installation Guide
- Fox Energy Cube User Manual

Certificates

- Fox 10.5 NRS 097-2-1:2017 (Edition 2.1) Certificate
- Battery Safety Certifications (TUV & Bureau Veritas)
- 2.74 Energy Cube European IEC 62619:2022 safety certificate

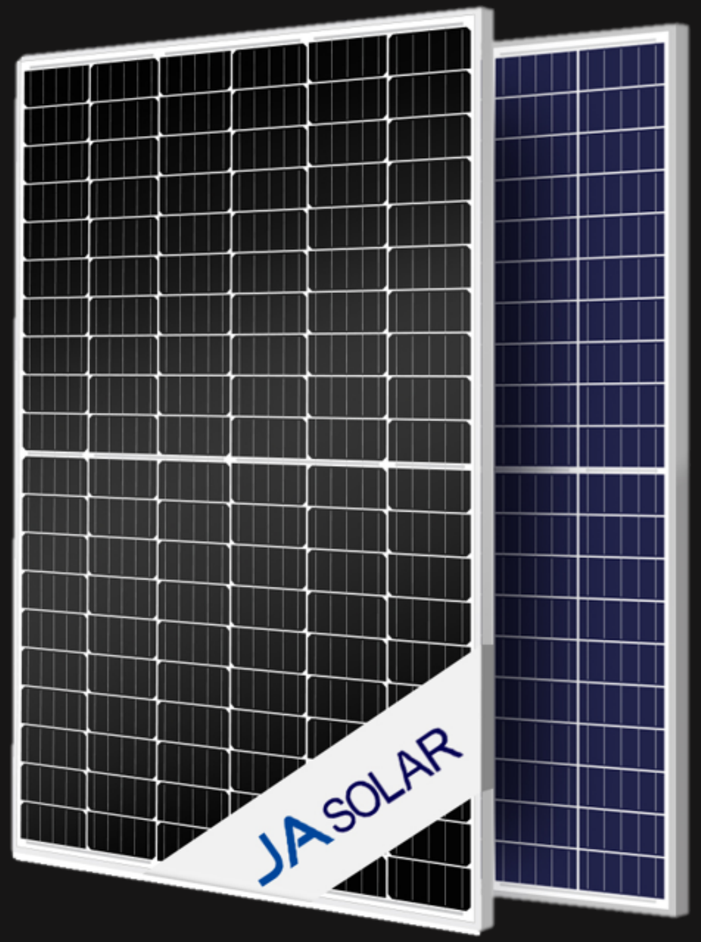
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JA SOLAR

Glass-on-glass solar panels are the most efficient type of solar panels.
The solar cells are embedded between two layers of glass. As a result, they do not degrade in the way that traditional glass on plastic solar panels does.

A glass-glass solar panel is extremely durable proving the longest lifespan compared to any other type of solar panel.

- 30 Year Output Warranty
- PERC Mono Bifacial Solar Cells
- Glass on Glass
- Half Cut Cell Technology



Datasheets & Documents

- JA Solar 540W Glass on Glass PERC Mono Bifacial Solar Panel Datasheet
- JA Solar Installation Manual (Framed)
- JA Solar Warranty

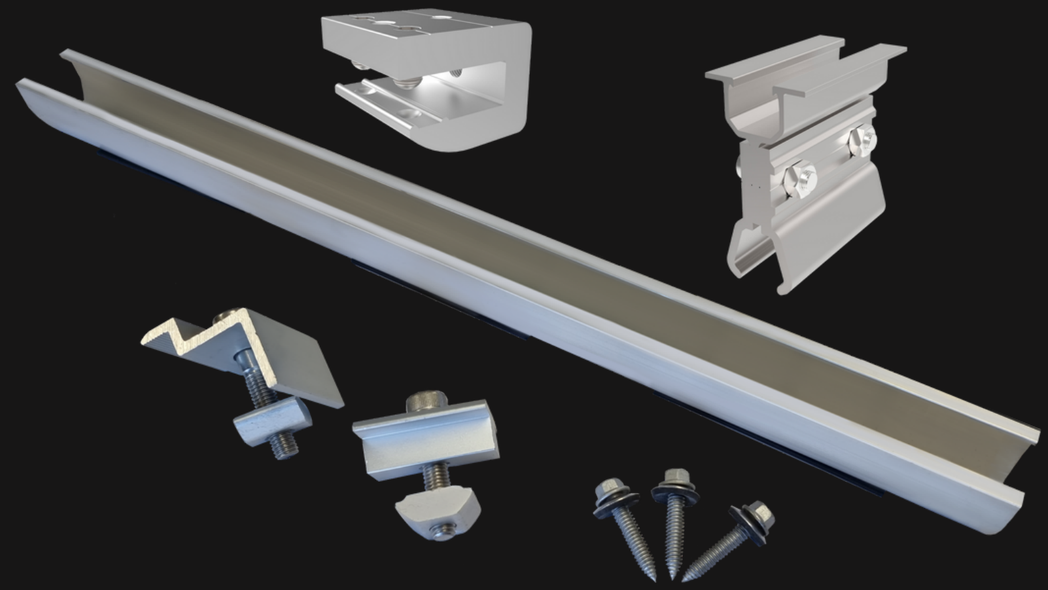
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Mounting Structure

Fast, Simple & Efficient

Long Short Rail

- For Trapezoidal Roof Sheet
- For both portrait and landscape installations
- All aluminium & stainless steel (Material AL6005-T5 & SUS304 bolt)
- EPDM rubber pre-adhered to the bottom of the long-short rail
- Self-cutting and thread-forming screws that fasten directly onto the metal roof sheet
- Is compatible with the standard Saflok 700 and Narrow seam clamp



Kliplok / Saflok 700

- For GRS Klip-Lok and Klip-Tite and Safintra SAFLOK 700 profiles among others.
- All aluminium & stainless steel (Material AL6005-T5 & SUS304 bolt)
- For portrait installations
- The clamp is compatible with the standard MSPD mid-clamp and end-clamps

Narrow Seam

- For concealed fix metal roofs without sheet penetration
- For Craft-Lock (Clotal Steel), Diamondek (Youngman), Brownbuilt (GRS) roof sheet profiles among others
- For both portrait and landscape installations
- The clamp is compatible with the standard MSPD mid-clamp and end clamps.

M Solar Power Distribution

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M Solar Power is an established solar power company that has been in the industry for over 10 years.

Originally started as a solar installation company and upon becoming the authorized distributor for FoxESS in South Africa transitioned to being a pure-play solar distribution company.

We are the authorized distributor of FoxESS energy storage systems, JA Solar panels, and solar panel mounting structures in South Africa.

Our core belief is centered around delighting our customers by providing them with efficient, simple and safe solar technology backed by high levels of technical support.

M Solar Power Distribution is also proud to offer training in our live solar technology center and are an authorized FoxESS repair hub.