



**FOGSTAR ENERGY**

ESR51.2V Server Rack Battery  
ESR51.2V Energy Storage Cabinet





# ESR51.2V 5.12KWH

Server Rack Battery

**£1,349.99** (£263 per kWh)

Price includes VAT



**Inverter Integrations**

The BMS have several pre-loaded inverter protocols with out of the box support for Victron, Pylontech & many others. It is crucial to note, inverter integration is not required for our energy storage racks to function.



**8 Year Warranty**

We're so confident about the design, build and components that have gone into making our Fogstar Energy Racks that they all come with an 8 year warranty. As with all Fogstar products, you can expect a superior design quality with a lifecycle of around 10-15 years.



**TFT LCD Touch Screen**

The Fogstar Energy Racks include a 4.3 inch TFT LCD, full colour touchscreen. The screen auto-sleep function ensures the unit retains precious energy when not in use, and when powered on, provides accurate and detailed information into the system status - we have hyperdrive Captain!



**Expandable Storage**

Our adaptable and modular design enables users to continuously expand units when required. You'll have the ability to connect up to 16 units in parallel, with the potential to add a huge 81.92kWh of power to your system!



**16 Grade A Cells**

We use 16 premium 100ah Grade A EVE cells in our unit (in comparison to the 15 cells used by other leading manufacturers). Our Grade A EVE cells draw an industry leading 4000 Cycles @ 80% Depth of Discharge (DOD).



**DC Rated Breaker**

Our Fogstar Energy Racks are fitted with a 125Amp DC Breaker, offering a secure protective feature should any faults occur. The DC Breaker interrupts the power flow, shutting off the electrical current if a critical issue is detected.



**3.5U Rack Design**

The 3.5U rack batteries are 450(W) x 160(H) x 440(L) mm in size, and users also have the option of selecting one of our 3 or 6 energy storage cabinets in which to house the battery.



**Built-In Heating**

Our racks are built for the UK Climate. They heat themselves when a temperature of <math><5^{\circ}\text{C}</math> is detected, enabling the user to charge our racks in temperatures of





# ESR5 1.2V Energy Storage Cabinet

Optional Rack Cabinet

**£399.99** 3 Rack Cabinet

**£599.99** 6 Rack Cabinet

Price includes VAT



**Designed in the UK, our Fogstar Energy Storage Cabinets use the highest quality materials and the most innovative design techniques.**

Many manufacturers suggest connecting batteries together via the positive and negative terminals however, in our experience, this creates an imbalance between cells. Therefore, we've implemented a busbar system in our cabinets to distribute the load evenly across the cells.

Straight away you'll notice the integrated, high quality, thick nickel plated copper busbars, enabling users to connect our batteries in parallel with ease.

We offer our cabinets in two different sizes;

3 Rack Cabinet (15Kwh)

6 Rack Cabinet (30Kwh)



**Vented Panelling**

The cabinets feature vented panelling at the front of the units, allowing air to flow around the battery units.



**Cable access**

The cabinets incorporate two, circular cut-out cable access points in both the bottom and top of the units. These allow for a neat and tidy cabling system, ensuring easy access to your system should anything need changing quickly.



**Nickle Plated Busbar**

Thick nickel plated copper busbars, enable users to connect our batteries in parallel with ease.

