



Energy efficiency at the highest standard

A simple solution for great results

ES Lithium 215 all in one liquid cooled

ES Integrations is proud to present this ES Lithium battery as a C&I battery solution

This battery offers an ideal solution for situations requiring significant storage capacity and power within a confined space. It's perfect for applications where space is limited but power requirements are substantial.

With an exceptional energy density, this battery solution offers an impressive 215 kWh capacity within a single container.

The solution comes with an integrated 105kW inverter. This significantly reduces installation time and costs.

Store renewable energy at a low footprint

Renewable energy producing technologies are dependent on external factors like the weather.

Today this challenge is resolved thanks to this energy storage solution.

Store your energy in a safe and reliable way

Safety is priority in our solution. Our pack-level fire protection system swiftly detects and addresses fire hazards.

While our advanced insulation technology ensures stable

performance, even in demanding environments.

Extra-long lifetime

This battery ensures 30% more cycles compared to the average lithium battery.

Thanks to its unique water-cooling technology, the battery always remains perfectly climatized, significantly reducing degradation of the lithium cells.

Balancing and participating to the grid

Assist in grid stabilization by regulating frequency. The battery can act as a tool to mitigate energy

consumption peaks or deficits.

Additionally, it can store energy during periods of low demand and sell it during economically advantageous moments.

Sustainable and safe solution

Avoid energy blackouts and enhance the reliability of energy supply.

Reduce CO2 emissions by utilizing renewable energy sources and store excess energy to prevent wastage.

Electric performance

Rated/max power	105/115,5kW
Capacity	215kWh
C-rate	0,5C
Cell chemistry	LFP 280Ah
Input - Output voltage	400 VAC 3P4W+PE
Voltage range	672-868,8V
Module capacity	43kWh
Cell manufacturer	SYL
Module amount	5

Physical parameters

Dimensions (WxDxH)	1,05x1,46x2,5m
Total mass	2500kg
Protection level	IP55
Noise level	< 75 dB(A)
Thermal management	liquid cooled
Safety	Aerosol + fire hose connection + lightning protection
Operation temperature	-25°C ~ 50°C
Relative humidity	0 ~ 95%
Communication and interfacing	Modbus RTU