

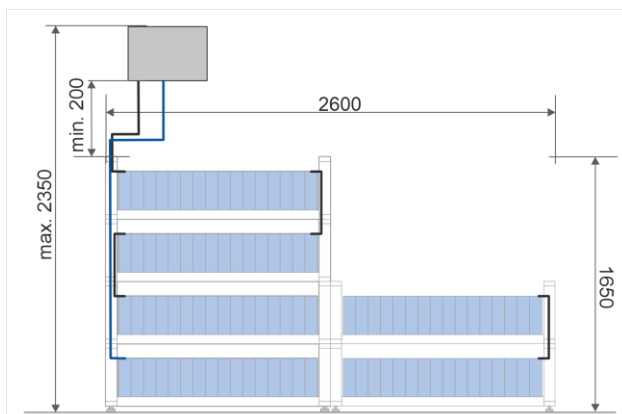
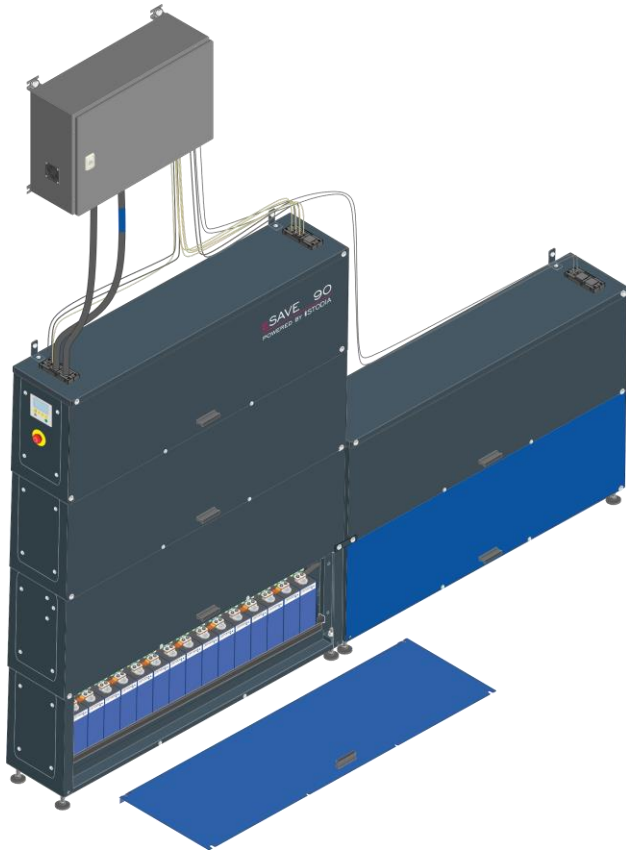
Data sheet

ESAVE 90-92

PN: 22104948

Short description

Stationary battery for storage and delivery of electrical energy usable with battery or hybrid inverters.



Characteristics

- △ **Modular stationary battery:**
Power and capacity can be scaled to any level.
- △ **Long life cycle:**
>80% remaining capacity after 10.000 full cycles or 20 years, without restrictions for battery usage (*
- △ **Intrinsically safe cell chemistry:**
LFP modules for maximum safety even in the event of a fault.
- △ **Long term product support:**
Simple servicing on each part.
Industrial part standard.
Extensive assembly documentation.
- △ **Detailed system depiction:**
STODIA App to display all system parameters down to cell level including State of Health (SOH) Monitor
- △ **Cell management with single cell charging:**
Balances charge and capacity tolerances even under the highest loads.

*) see Techn. data



△ High system compatibility:

Can be combined with various inverters
for AC and DC coupling (additional
accessories required)

Technical data

Battery name	ESAVE 90-92
Product number	22104948
Type	IFpP174/72/207/[96S]H/-20+45/90
Cell chemistry	Lithium iron phosphate (LFP)
Number of battery modules	6
Usable capacity	90kWh
Charge/discharge current	270A
Nominal voltage	300VDC
Degree of protection	IP31, for indoor use only
Efficiency	Max. 99%
Capacity trend	Greater 80% after 10.000 cycles (*)
Compatible inverters	See compatibility list
Operating temperature range	10°C to 35°C without restriction, permitted: -20°C to 45°C
Dimensions (L/W/H)	2600mm/260mm/1700mm
Weight	~ 720 kg
Certification	CE

*) for temperatures between 5–40 °C, predominant load profile: 90% < 1C

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Technical state at the time of printing.

Subject to technical changes.

The latest version can be found at www.stodia.de/Produktgruppe.