



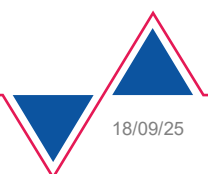
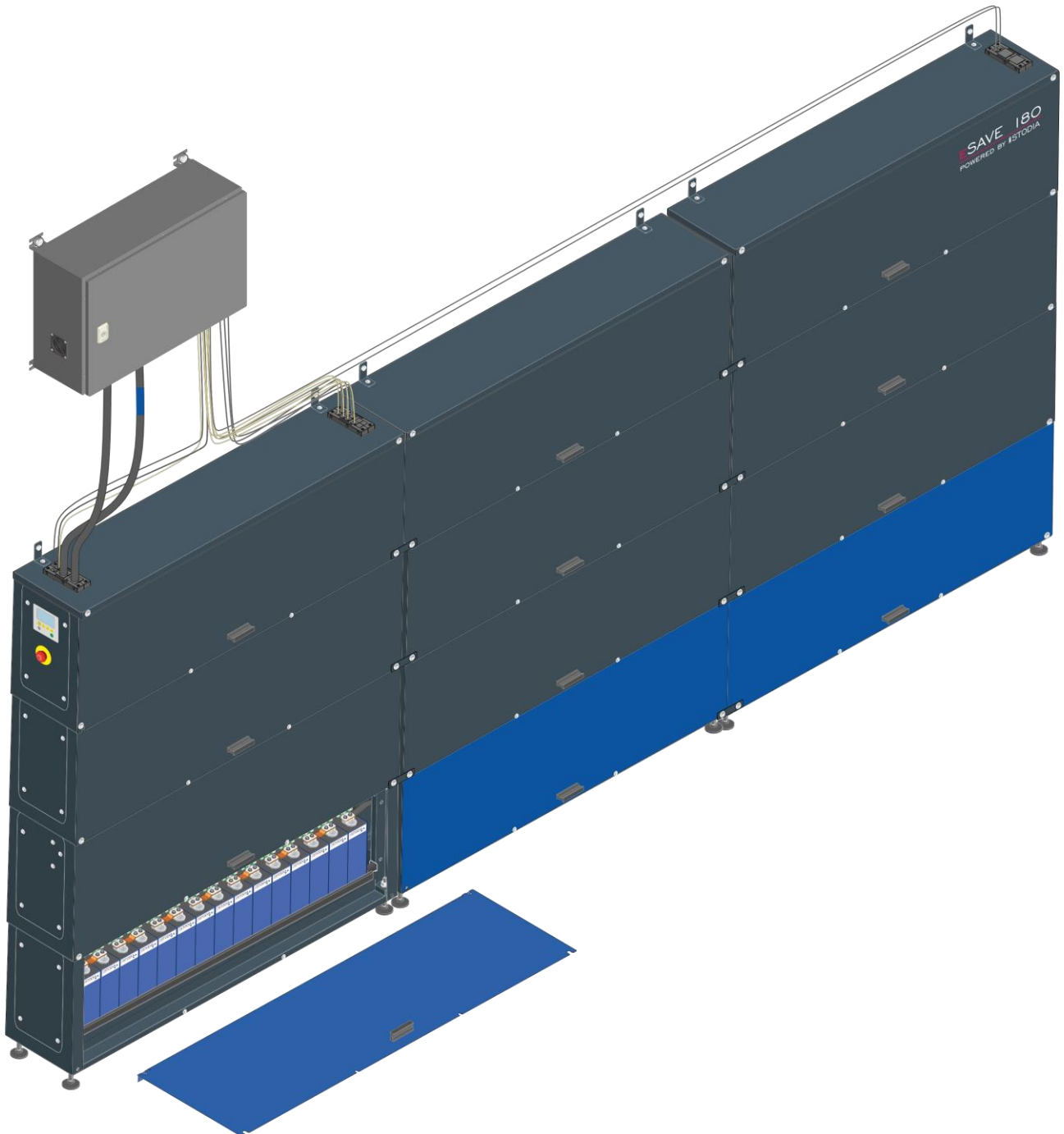
Data sheet

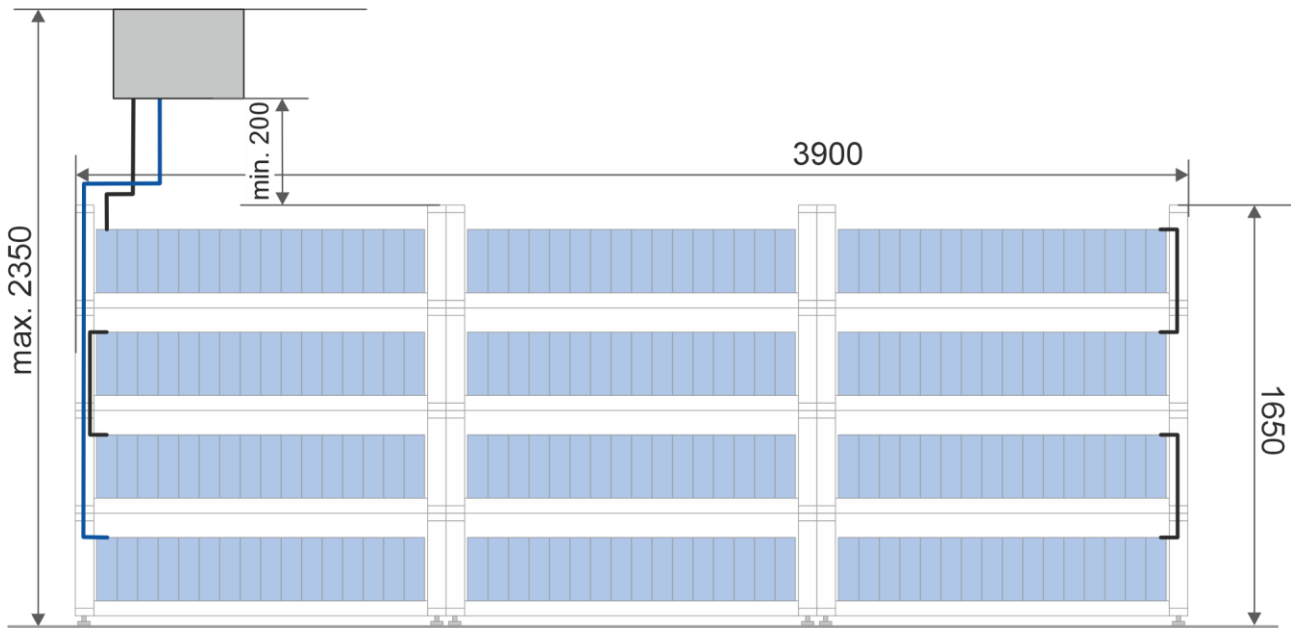
ESAVE 180-185

PN: 22104946

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.

△ **High system compatibility:**

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

*) see Techn. data



Data sheet

ESAVE 180-185

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Technical data

Battery name	ESAVE 180-185
Product number	22104946
Type	IFpP174/72/207/[(192S)H]/-20+45/90
Cell chemistry	Lithium iron phosphate (LFP)
Number of battery modules	12
Usable capacity	180kWh
Charge/discharge current	270A
Nominal voltage	600VDC
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)	3900mm/260mm/2350mm
Weight	~ 1440 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.

