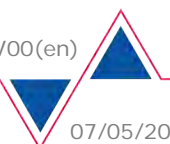
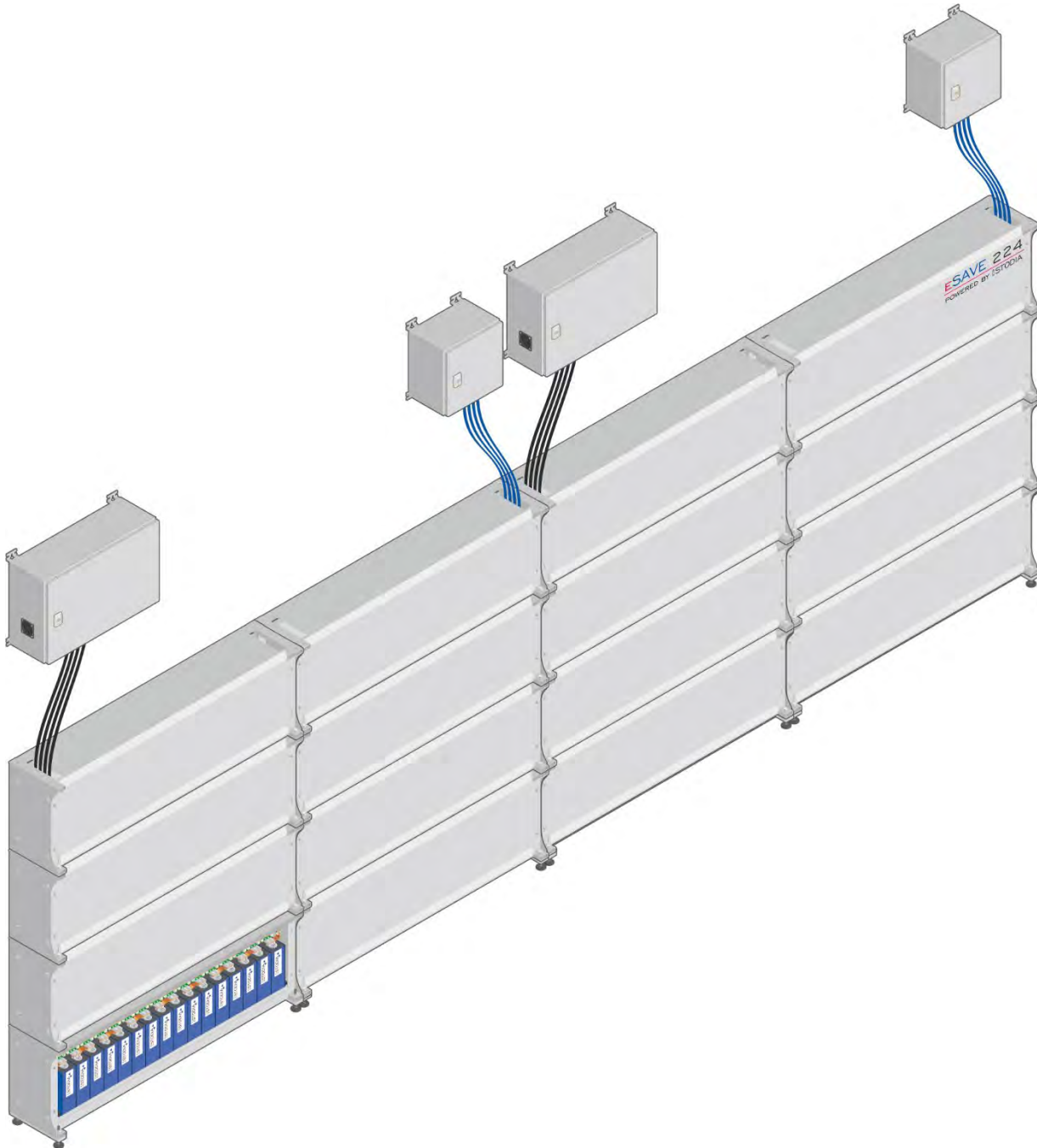




Data sheet

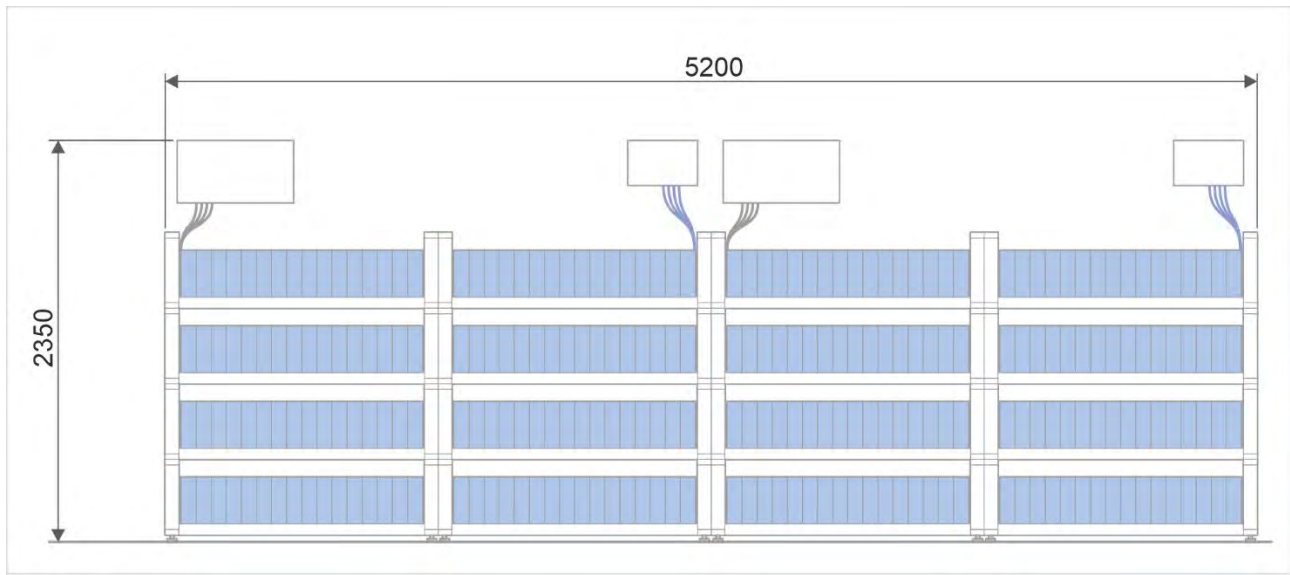
STODIA ESAVE 224-120



Data sheet

STODIA ESAVE 224-120

Dimensions



Features

- ▲ **Modular stationary battery:**
 Power and capacity can be scaled to any level.
- ▲ **Intrinsically safe cell chemistry:**
 LFP modules for maximum safety even in the event of a fault.
- ▲ **Cell and component diagnostics:**
 Visual display of components requiring maintenance.
- ▲ **Cell management with single cell charging:**
 Balances charge and capacity tolerances even under the highest loads.
- ▲ **Memory request via in-house app:**
 For Android and Apple smartphones
- ▲ **Full memory diagnostics**
 Down to cell level.
- ▲ **Installation- and service-friendly design**
 Easy assembly and simple servicing on each assembly, safe working due to low system voltage (DC 48 V)
- ▲ **High system compatibility:**
 Can be combined with various inverters for AC and DC coupling (additional accessories required)

Data sheet

STODIA ESAVE 224-120

Technical data

Cell chemistry	Lithium iron phosphate (LFP)
Number of battery modules	16
Usable capacity	224 kWh
Max. output current	2400 A
Peak output current	3000 A, 10 seconds
Nominal voltage	DC 51 V
Voltage range	DC 40 – 58.4 V
Degree of protection	IP10
Efficiency	> 95%
Certification	CE
Applications	On-grid/off-grid
Capacity trend	Expected loss of capacity after 10,000 cycles <20% (*)
Compatible inverters	See compatibility list
Operating temperature range	-20 °C to 45 °C (optimal: 10 °C to 35 °C)
Dimensions (L/W/H)	5200 mm/260 mm/2350 mm
Overall weight	~ 2050 kg

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