



# A REVOLUTION IN STORAGE TECHNOLOGY



## Characteristics of the SAX battery storage

A total of 120 premium lithium iron phosphate cells are used in a SAX storage. The use of cobalt-free cells ensures environmentally friendly and sustainable production. Due to our patented circuit we can offer an all-in-one system, which makes external inverters unnecessary. At the same time, the digital monitoring and control guarantees the optimal use of each battery cell and thus enables the longest service life and highest safety. The standard-compliant plug-in solution guarantees a simple and user-friendly installation.

### System data

Battery type:	LiFePO <sub>4</sub> ,
Cell data:	3.2V, 15Ah
Weight:	45 kg
Dimensions:	530 × 530 × 250 mm

### Operating data

All-in-One:	Inverter not necessary
Efficiency for the conversion:	99%
Nominal voltage:	230 V AC
Installed capacity:	5.8 kWh
Usable capacity:	5.5 kWh
Nominal power at discharge:	3,5 kW
Nominal power at charge:	1,7 kW
Rated current at discharge:	15 A, effective value
Rated current at charge:	7.5 A, effective value
Communication:	LAN RS 485, Wired or LORA
Battery warranty:	10 years
Ambient temperature:	5°-35°C
Dust and water protection:	IP 31

### Installation

Plug-in solution with a special socket according to VDE 0100-551 for grid safety

