



AC-STORAGE SYSTEMS



DATA SHEET



SYSTEM DATA

SAX POWER HOME 5,8 KWH

SAX POWER HOME PLUS 7,7 KWH

Battery type	LiFePO4	LiFePO4
Cell data	3.2 V; 15 Ah	3.2 V; 20 Ah
Nominal capacity	5.76 kWh	7.68 kWh
Usable capacity	5.2 kWh	7.0 kWh
Modularly expandable	up to 17.3 kWh	up to 23 kWh
Nominal voltage	230 V AC, 1-phase	230 V AC, 1-phase
Discharge power nominal	4.6 kW	4.6 kW
Charging power	1.4 kW (up to 2.5 kW)	1.4 kW (up to 3.5 kW)
Nominal current	20 A	20 A
Weight	53 kg	72 kg
Storage dimensions	530 x 530 x 250 mm	620 x 620 x 250 mm
Cooling	passive cooling	passive cooling
Display type	e-Paper Display	e-Paper Display

OPERATION DATA

All-in-One	Integrated inverter function
Conversion efficiency	98.6%
Communication	Modbus RTU, Modbus TCP/UDP
Communication ports	RS485, RJ45 (LAN)
Battery warranty	10 years with 80% residual capacity
Permissible ambient temperature	5°C - 35°C
Permissible max. rel. humidity	90%
Dust and water protection	IP 30
Certification	VDE-AR-N 4105, UN 38.3
Protection class	1 (protective earthing)
Standby power / consumption	approx. 4 W
Emergency and backup power	yes

