

BAT-5 All-in-one Battery Energy Storage System



TECHNICAL PROPERTIES		1 BATTERY
Nominal energy (kWh)		5 kWh
Grid connection voltage		1 x 230V AC
Ambient temperature rating		-20°C to 35°C
Cabinet design		Various color and material choices
Dimensions		H:772 mm x W:664.5 mm x D:259.5 mm
Weight		70 kg
Enclosure protection rating		IP55
Expected lifetime		15 years
Performance warranty		10 years / 70 %
Mounting		Indoors/outdoors - wall mounted
Self consumption (standby)		<10W
Metering concept		3-phase Modbus or TCP/IP
Cell technology		Li-ion LFP / Nominal voltage 48 V
Standards	General:	Low Voltage Directive (LVD) 2014/35/EU and Electromagnetic Compatibility (EMC) 2014/30/EU
	Transport:	UN38.3 classification for safe transportation
	Safety:	EN 61010-1: 2010 + A1: 2016, IEC 62619: 2017
	EMC:	EN 61000-6-2, EN 61000-6-4, Class A
	Grid:	VDE-AR-N 4105:2018-11, TF3.3.1

BAT-5 UNITS	1	2	3
Nominal power (kW)	3.6	7.2	10.8
Nominal energy (kWh)	5	10	15
Usable energy (kWh)	4.5	9	13.5
Connection	1P+N+PE	2P+N+PE	3P+N+PE



Private house owners

One battery (5 or 10 kWh) is often sufficient for one household



Housing associations

One or more batteries is recommended depending on the size of the solar installation



Businesses

One or more batteries is recommended depending on the size of the solar installation and any other use of the battery





Scalable up to 30 kWh

Different designs available. Choose between various colors and materials for the battery's front and frame

Cloud connected. Enables constant monitoring of the system to ensure optimal performance.

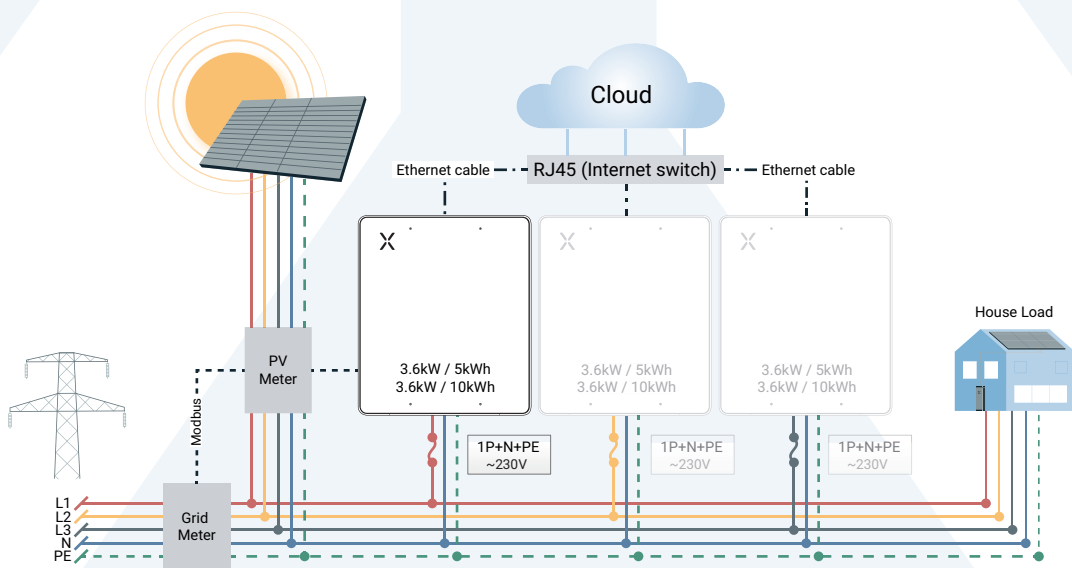
3,6 kW integrated inverter

Silent - no noise from the battery



Simple installation with easy integration to all types of solar cells.

App ensures user overview of production and consumption of electricity



X O L T A

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