



ALL-IN-ONE AC STORAGE

SKB-MAX

Safe

Compact product design with integrated sensors and preventive alarm system for maximum security.

Economical

100 % of the storage capacity can be used (DOD) thanks to efficient liquid cooling with intelligent temperature control.

Intelligent

Multiple operating modes, including peak shaving, emergency power, self-consumption optimization, load coverage, PV storage energy control.

Expandable

Up to 10 units in parallel operation, including up to 5 units for emergency power operation



SKB-MAX
All in one,
simply installed!

215kWh-100kW

Data on the battery module

Battery type	V/Ah	LFP 3.2/280
Battery pack capacity	kWh	53.76
Battery system capacity	kWh	215
Operating voltage range	V	672-876
Number of temperature sensors		128
Battery pack protection level		IP67

AC Output data

Nominal output power	kW	100
Peak output power	kW	110
Max. AC input/output current	A	167
THDi	%	<3
Rated voltage	Vac	380/400, 3L/N/PE
Power factor		>0.99
Adjustable power factor range		-1 ~ 1 leading ~ lagging
Rated frequency	Hz	50/60

General data

Efficiency (Round Trip)	%	>89
DOD	%	0 ~ 100
Cycle life		≥8000@70%EOL
Communication interfaces		Ethernet
Protection class		IP54
Type of cooling		Liquid cooling
Altitude	m	≤3000
Operating temperature	°C	-25 °C up to +55 °C
Humidity during operation	%	0 ~ 95, non-condensing
Noise level	db	<75 @1m
Dimensions	[W*D*H][mm]	1040*1500*2200
Fire protection		Aerosol
Weight	Kg	<2500

CEI 0-21, CEI 0-16, EN 50549-1, EN 50549-2, EN 50549-10, TOR type A,
 VDE-AR-N 4110, C11/10, G99
 IEC 62619, IEC 60730-1 appended H, IEC 62477-1, IEC 61000-6-2,
 IEC 61000-6-4, UN 38.3, UL 9540A



The SKB-MAX embodies the “all-in-one” design philosophy.

Everything in one compact system with an integrated 100 kW inverter.

Efficient liquid cooling combined with intelligent temperature control means that 100% of the storage capacity (DOD) can be utilized.

Multiple operating modes, such as self-consumption optimization, peak shaving, and emergency power.

Expandable up to 10 units in parallel operation, of which up to 5 units can be used for emergency power operation.