

AEG

BALANCE AND POWER,
WHENEVER YOU NEED

AEG ENERGY STORAGE SOLUTIONS

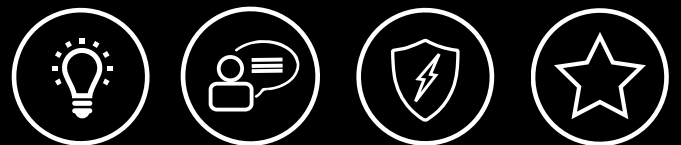


AEG

AEG STORAGE SOLUTIONS:
CLEAN ENERGY AND PEACE OF MIND,
ALL DAY - AND ALL NIGHT LONG.



Enjoy the freedom from a solar power plant that adjusts to your needs. Produce and use clean energy at your own tempo - day and night. AEG's agile storage solutions allow you just that - saving energy for the time you wish to use it, and when you need it the most. From daily home appliance management to power outages, AEG storage solutions save, balance and smoothly redistribute power from your solar installation, granting you clean energy and peace of mind wherever you need, whenever you need.



Let the AEG storage unit help you maximise the benefits from your solar plant. Intelligent energy management, an user-friendly interface, fully-fledged data analysis combine with sleek yet sturdy design and quality materials to provide you the safety and control you need to power your home.

3kW / 4kWh

STORAGE UNIT SPECIFICATIONS

AS-BS01-4000

IN A NUTSHELL:

Nominal storage capacity	(kWh)	3.84
Max. usable storage capacity	(kWh)	3.45
Battery type		Lithium (LFP)
Dimension (L x W x H)	(mm)	700 x 340 x 1230
Weight	(kg)	130
Display		7" graphic LCD
Communication		CAN, WiFi
Warranty		5 years

PV INPUT

Max. recommended DC power	(W)	3300
Max. DC voltage	(V)	500
MPPT voltage range	(V)	120-450
Max. input current	(A)	13
Max. short-circuit current	(A)	15.6
Number of MPPT trackers		1

AC OUTPUT

AC nominal power	(W)	3000
Max. AC current	(A)	13
Max. AC short-circuit current	(A)	20
Max. AC protection current	(A)	20
Nominal AC voltage/Range	(VAC)	230 ;180~270
Grid Frequency/Range	(Hz)	50 (45-54) / 60 (55-65)
Grid type		Single phase (L/N/PE)
Total harmonic distortion (THD)		<3%

OFF-GRID AC OUTPUT

Max. AC power	(W)	3000
Off-Grid AC Rated voltage	(V)	220/230/240
AC nominal current	(A)	13
Frequency	(Hz)	50 / 60
Max. AC short-circuit current	(A)	20
Switching time	(ms)	20
Operation type		Single phase (L/N/PE)

BATTERY DATA

Operation voltage	(V)	51.2
Voltage range	(V)	42-58
Max. charge/discharge current	(A)	50
DOD		90%

REGULAR PARAMETERS

Operating temperature range	(°C)	-10 ~ +45
Relative humidity		0~95%
Altitude	(m)	<2000
Cooling method		Forced airflow
Degree of protection		IP20 (for indoor use)





ABOUT AEG

Part of the AEG family with its hundred-year tradition as a leading German brand in the field of electrical appliances owned today by Electrolux Group, AEG quality photovoltaic products stand out for their reliability, aesthetics and enhanced usability. Each AEG product is developed to be always an idea ahead in the world of smart solar to grant users full control over their yields and peace of mind.

AEG solar products -photovoltaic modules, solar inverters, monitoring and storage solutions- are distributed worldwide under license by Solar Solutions GmbH, Germany and brought to the international markets by a solid network of selected local partners.

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