



AEG HIGH VOLTAGE BATTERY



AS-BMH02-5000 / STACKABLE HIGH VOLTAGE BATTERY

Characteristics



High voltage battery, nominal capacity: 5 kWh
Modular system for energy storage
Designed for connection with AEG hybrid inverters

Product Name Code (PNC)



AS-BMH02-5000
(AEG Stackable High Voltage Battery)
AS-BAB02
(AEG Stackable Battery Base Plate)

Extra peace of mind



10 years product warranty
(4500 cycles)

Advantages



Maximum planning flexibility
thanks to different available capacities and modularity
(parallel connection capability up to 8 batteries)

AS-BMH02-5000 / AEG STACKABLE HIGH VOLTAGE BATTERY

PRODUCT SERIES

AEG STACKABLE HIGH VOLTAGE BATTERY
AEG STACKABLE HIGH VOLTAGE BATTERY BASE PLATE

PRODUCT NAMECODE (PNC)

AS-BMH02-5000
AS-BAB02

ELECTRICAL CHARACTERISTICS

Model: AS-BMH02-5000		
Battery type	Lithium LFP	
Nominal Power	[kW]	3
Usable Capacity ²	[kWh]	5
Peak Power	[kW]	5, 10s
Nominal voltage (Charge)	[V]	435
Nominal voltage (Discharge)	[V]	380
Output voltage	[V]	320 ~ 480
Depth of Discharge (DOD) ²	[%]	100
Communication		CAN

PHYSICAL CHARACTERISTICS

Model: AS-BMH02-5000		
Height	[mm]	380
Width	[mm]	700
Depth	[mm]	170
Weight	[kg]	52
Installation	floor-stacked (max. 4)	

WARRANTY¹

Product and performance ³	10-year standard warranty or 4500 cycles (whichever comes first)
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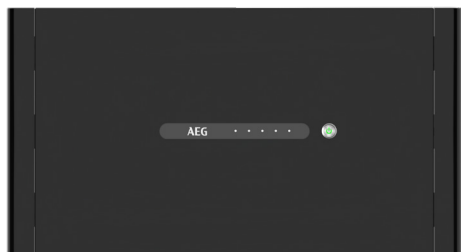
OPERATING CONDITIONS

Operating temperature (Discharge)	[°C]	-20 to 53
Operating temperature (Charge)	[°C]	0 to 53
Storage temperature	[°C]	-30 to 60
Humidity conditions	[%]	0 to 95
Altitude	[m]	max. 4000
Cooling method	Natural convection	

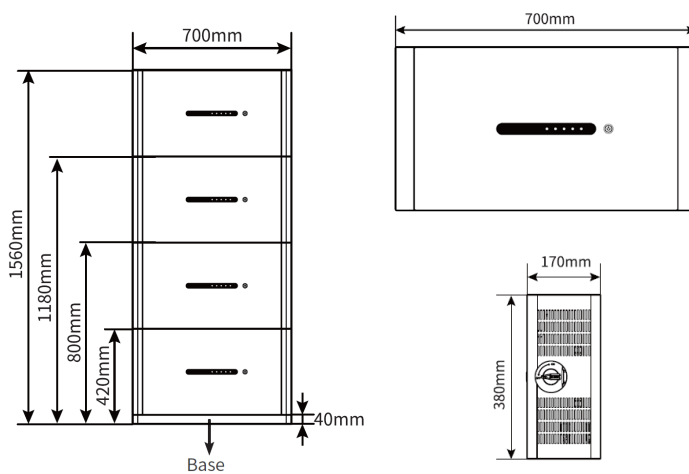
RELIABILITY AND CERTIFICATION

Certification	IEC 62619, 60730, VDE 2510-50, CEC
EMC	CE, RCM
Transportation	UN 38.3
Ingress protection rating	IP66
System configuration	Can be scaled up to 8 in parallel

PRODUCT APPEARANCE



TECHNICAL DRAWINGS



NOTES

- For the full Warranty Terms please visit www.aeg-solar.com
 - Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±3°C for battery system at beginning life. System Usable Capacity may vary with different Inverter.
 - Based on 2.87 ~ 3.59V voltage range @ 25 ±2°C of cell under 0.6C/0.6C test condition and 80% EOL
- Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079 ")
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