

# AEG



## AC COUPLED PLUG-IN BATTERY SYSTEM AS-BBL09 SERIES

### CHARACTERISTICS

Applicable for residential application  
Low voltage energy storage system  
Battery rated capacity: 4.8kWh/ 100Ah  
Designed for seamless home integration  
Product name code (PNC): AS-BBL09-4.8K



**EXTRA PEACE OF MIND:  
10 YEARS PRODUCT  
WARRANTY**

### ADVANTAGES

#### FLEXIBLE

- Combine up to 3 units for 14.4kWh capacity
- Parallel expansion upto 28.8kWh
- Effortless plug-and-play installation
- Compatible with third party P1 meter / smart plug

#### RELIABLE

- IP65 rated design for indoor and outdoor use
- Maximum efficiency with flexible energy management system
- Module level BMS + internal fire extinguishing kit
- Bi-directional AC-coupled energy storage system

#### USER-FRIENDLY

- Up to 6000 cycle life
- Effortless plug-and-play installation
- Fully integrated AC-coupled storage system
- Supports dynamic pricing

PRODUCT SERIES

AEG AC COUPLED BATTERY PLUG-IN BATTERY		
AEG AC COUPLED BATTERY PLUG-IN BATTERY/ BATTERY CONTROL MODULE		
AEG AC COUPLED BATTERY PLUG-IN BATTERY/ BATTERY POWER MODULE		

ELECTRICAL CHARACTERISTICS

Model: AS-BBL09-xxxK		4.8
Celltype		LFP (LiFePO <sub>4</sub> )
Rated capacity	[kWh/ Ah]	4.8/ 100
Volatage operating range	[V]	42-54
Maximum capacity expansion	[kWh]	14.4
Nominal voltage	[V]	48
Maximum charging current	[A]	65
Maximum discharging current	[A]	52

AC OUTPUT

AC-output (ON-grid) <sup>[2]</sup>	[W]	800-2400
AC-output (Off-grid)	[kW]	2.4
Peak Output power (5s)	[kW]	3.6
Frequency	[Hz]	50
Rated Voltage	[V]	230
Overcurrent protection		Yes
Overdischarge protection		Yes
Short-circuit protection		Yes
Undervoltage protection		Yes
Oversurge protection		Yes

PRODUCT NAMECODE (PNC)

AS-BBL09-4.8K
AS-BML09-CM
AS-BML09-4.8K

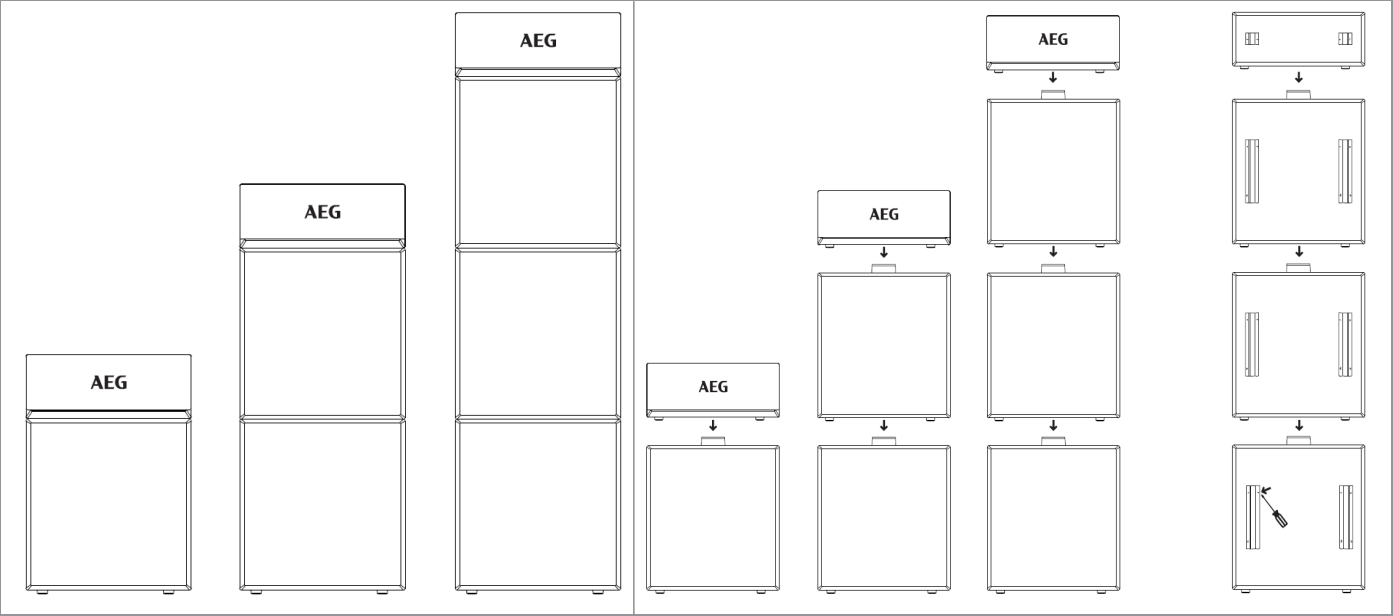
GENERAL DATA

Relative humidity	[%]	0-100
Communication		WiFi/ Bluetooth
Charging temperature	[°C]	-20 to 55
Discharging temperature	[°C]	-20 to 60
Ingress protection class		IP65
Certificates		CE/EMC, RF, LVD, VDE 4105/0126, EN 50549, C10/T1, CEI 0-21
Warranty <sup>[1]</sup>		10 years or ≥ 6000 cycles (whichever comes first)

MECHANICAL CHARECTERSTICS

Height	[mm]	638
Depth	[mm]	292
Width	[mm]	450
Weight (battery control module/ battery power module)	[kg]	59.7 (AS-BML09-CM= 12.7/ AS-BML09-4.8K= 47)
Mounting method		Floor
Case		Carbon color
Overheat protection		Yes
Detection of insulation impedance		Yes
Overload protection		Yes
Fire Control		Condensed aerosol fire suppression system

TECHNICAL DRAWING



NOTES

1- For the full Warranty Terms please visit <a href="http://www.aeg-solar.com">www.aeg-solar.com</a>
2- For AC output higher than 800 Watt, the AEG AS-BBL09-4.8K should be connected to a dedicated circuit breaker
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079 ")
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