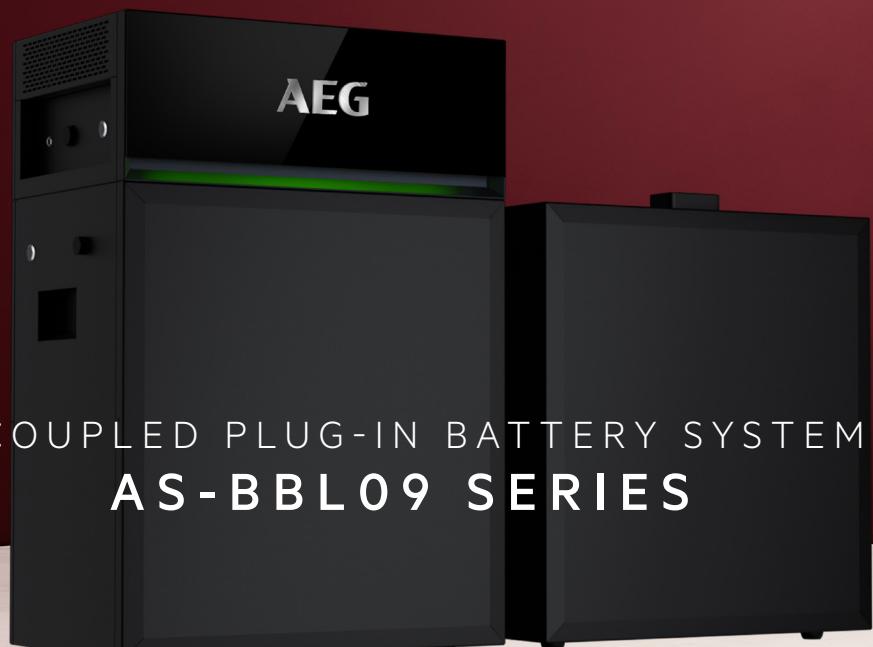


# AEG



## 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

## PRODUCT NAMECODE (PNC)

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

## ELECTRICAL CHARACTERISTICS

Model: AS-BBL09-xxxK	4.8
Celltype	LFP (LiFePO <sub>4</sub> )
Rated capacity [kWh/ Ah]	4.8/ 100
Voltage 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

## 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, C10/11, CEI 0-21
Warranty <sup>[1]</sup>	10 years or ≥ 6000 cycles (whichever comes first)

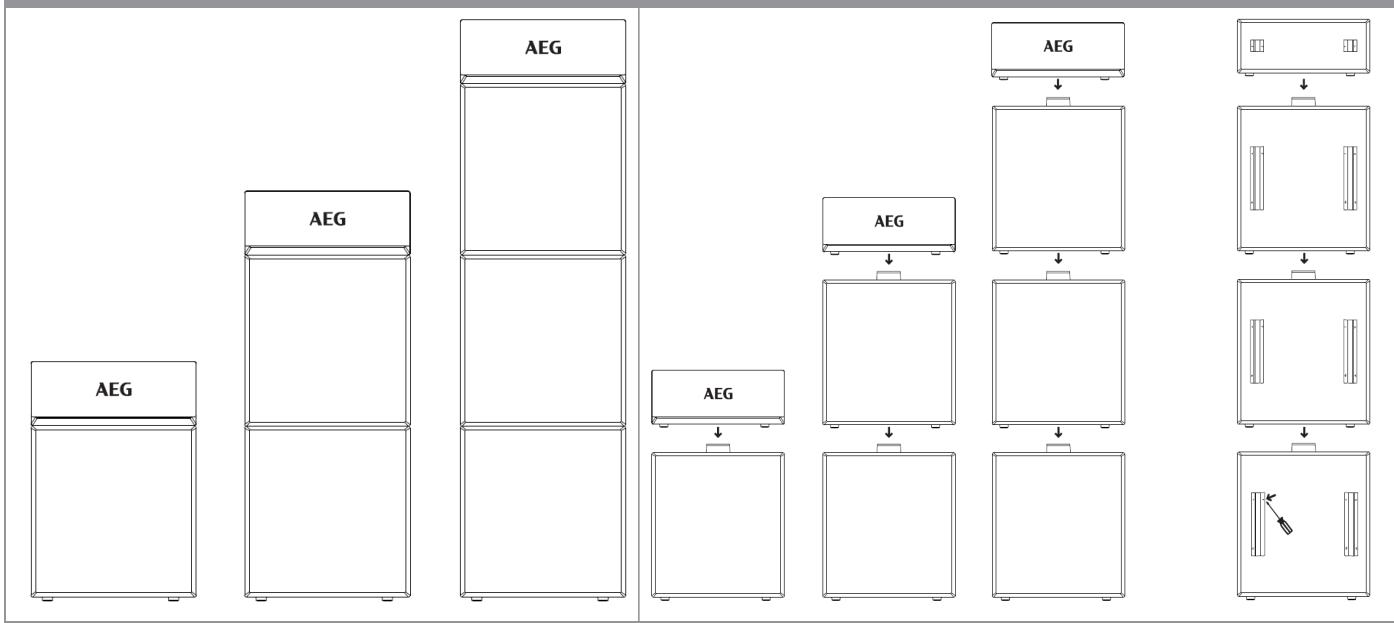
## AC OUTPUT

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

## MECHANICAL CHARACTERISTICS

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 [www.aeg-solar.com](http://www.aeg-solar.com)

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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