

# AEG



ENERGY STORAGE | PV+ESS ALL IN ONE CABINET  
**AS-BSC06-100**

## CHARACTERISTICS

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All-in-one design multi-functional integration with PV access.  
Capacity: 71/86/100 kWh  
Smart air-cooled heat dissipation

## ADVANTAGES

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For on-grid and off-grid use in industrial and commercial scenarios,  
including self-generation and consumption, peak shaving,  
Enhanced fire safety with three-level detection and TMG.  
BMS and smart monitoring facilitating remote operation and maintenance



**RELIABLE POWER:  
5 YEARS WARRANTY**



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PRODUCT SERIES				
AEG C&I ENERGY STORAGE SYSTEMS / PV+ESS ALL IN ONE CABINET				

ELECTRICAL CHARACTERISTICS				
Model: AS-BSC06-xxx		71	86	100
Battery type		LFP (LiFePO4)		
Battery capacity	[Ah]	280		
Voltage range (usable)	[VdC]	232-288	278.4-345.6	324.8-403.2
Nominal capacity	[kWh]	71	86	100
Pack Configuration		1P16S		
Pack Quantity		5 PACK/Cluster	6 PACK/Cluster	7 PACK/Cluster

AC (ON-GRID)				
Rated power	[kW]	35	40	50
AC Maximum current	[A]	60	74	86
Grid mode	[VaC], [Hz]	400, 50/60		
Wiring method		3P4L+PE		
Power Factor		0.8(Leading)-0.8(Lagging)		
THDi	[%]	<5 (Rated power)		

AC (OFF-GRID)				
Rated power	[kWA]	35	40	50
AC Maximum current	[A]	60	74	86
Grid mode	[VaC], [Hz]	400, 50/60		
Wiring method		3P4L+PE		
Unbalanced load	[%]	100		
THDv	[%]	<3 (linear load)		

RELIABILITY AND CERTIFICATION				
Certification		CE, TÜV		
Protection class		IP55		
Anti-corrosion grade		C3		

PRODUCT NAMECODE (PNC)				
AS-BSC06-71/86/100				

PHOTOVOLTAIC				
Model: AS-BSC06-xxx		71	86	100
Max. Input power	[kW]	25*2	30*2	35*2
Max. Input current	[A]	80*2		
Short circuit current	[A]	100*2		
Input voltage	[VdC]	300-1000	350-1000	400-1000
MPPT path		0-2		

SYSTEM				
Model: AS-BSC06-xxx		71	86	100
Height	[mm]	2258		
Width	[mm]	1224		
Depth	[mm]	1200		
Weight	[kg]	1500±100	1600±100	1700±100
Case		carbon color		
Max. efficiency	[%]	≥84		
Fire Control		Aerosol / Perfluorohexanone		
Cooling method		Air-cooling		
Noise	[dB]	≤70		

OPERATING CONDITIONS				
Operating temperature	[°C]	-20 to 50 (derating above 45°C)		
Altitude	[m]	3000 (derating above 2000m)		

WARRANTIES				
Battery system	[years]	5		
Accessories	[years]	3		
Air conditioner	[years]	1		



NOTES				
1- For the full Warranty Terms please visit <a href="http://www.aeg-solar.com">www.aeg-solar.com</a>				
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079")				
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