

AEG



ENERGY STORAGE | ALL IN ONE CABINET

AS-BSC06-100-S00L01C100

CHARACTERISTICS

All-in-one design multi-functional integration
Capacity: 71/86/100 kWh
Smart air-cooled heat dissipation
For on-grid and off-grid use in commercial and industrial scenarios

ADVANTAGES

Fearless of outdoor installation
Strong environmental adaptability
Three-level fire detection + active exhaust: Ensure safe operation
Easy to install and maintain



**RELIABLE POWER:
5 YEARS WARRANTY**



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PRODUCT SERIES			
AEG C&I ENERGY STORAGE SYSTEMS / ALL IN ONE CABINET / ON-GRID +OFF-GRID			

ELECTRICAL CHARACTERISTICS				
Model: AS-BSC06-xxx-S00L01C100		71	86	100
Battery type		LFP (LiFePO4)		
Rated current	[A]	140		
Maximum current	[A]	160		
Battery capacity	[Ah]	280		
Voltage range (usable)	[VDC](3x)	232-288	278.4-345.6	324.8-403.2
Nominal capacity	[kWh]	71	86	100
Pack configuration		1P16S*5	1P16S*6	1P16S*7
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
AC rated voltage	[VaC]	400		
Wiring method		3P4L+PE		
Power Factor		0.8 (Leading) - 0.8 (Lagging)		
THDi	[%]	<5% (Rated power)		
Frequency	[Hz]	50/ 60		

AC (OFF-GRID)				
Rated power	[kW]	35	40	50
AC maximum current	[A]	60	74	86
AC rated voltage	[VaC]	400		
Wiring method		3P4L+PE		
Unbalanced load	[%]	100		
THDv	[%]	<3% (Linear load)		
Frequency	[Hz]	50/ 60		

PRODUCT NAMECODE (PNC)			
AS-BSC06-xxx-S00L01C100			

SYSTEM CHARECTERSTICS				
Model: AS-BSC06-xxx-S00L01C100		71	86	100
Height	[mm]	2260		
Width	[mm]	1200		
Depth	[mm]	1205		
Weight	[kg]	1500±100	1600±100	1700±100
Display		Touch screen		
Case		Carbon color		
Max. efficiency	[%]	84		
Air conditioner power	[kW]	2 (Cooling)/ 1 (Heating)		
Communication		Ethernet/4G/RS485		
Fire Control		Aerosol/ Multi-sensor/ Water ingress/ Explosion-proof ventilation		
Cooling method		Air-cooling		
Noise	[dB]	≤70		

RELIABILITY AND CERTIFICATION	
Certification	CE, LVD, UN 38.3
Ingress protection class	IP55
Anti-corrosion grade	C3

OPERATING CONDITIONS		
Operating humidity	[%]	0-95 RH (non-condensing)
Operating temperature	[°C]	-20 to 50 (derating above 45°C)
Altitude	[m]	3000 (derating above 2000m)

WARRANTIES		
Battery system	[years]	5 year standard warranty or > 8000 cycles (whichever comes first)
Accessories	[years]	5



NOTES	
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (+0,079 °)	
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SOLAR SOLUTIONS AG

Riedweg 3 | 6418 Rothenthurm | Switzerland
www.aeg-solar.com | info@aeg-solar.com

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