

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**

PRODUCT SERIES				PRODUCT NAMECODE (PNC)					
AEG C&I ENERGY STORAGE SYSTEMS / ALL IN ONE CABINET / ON-GRID +OFF-GRID				AS-BSC06-xxx-S00L01C100					
ELECTRICAL CHARACTERISTICS				SYSTEM CHARACTERISTICS					
Model: AS-BSC06-xxx-S00L01C100				71	86	100			
Battery type				LFP (LiFePO4)					
Rated current	[A]	140		Height	[mm]	2260			
Maximum current	[A]	160		Width	[mm]	1200			
Battery capacity	[Ah]	280		Depth	[mm]	1205			
Voltage range (usable)	[VDC](3x)	232-288	278.4-345.6	Weight	[kg]	1500±100	1600±100		
Nominal capacity	[kWh]	71	86			1700±100			
Pack configuration		1P16S*5	1P16S*6	Display	Touch screen				
Pack quantity		5 pack / cluster	6 pack / cluster	Case	Carbon color				
		7 pack / cluster		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			
AC (ON-GRID)				RELIABILITY AND CERTIFICATION					
Rated power	[kW]	35	40	71	86	100	CE, LVD, UN 38.3		
AC maximum current	[A]	60	74	Height	[mm]	2260			
AC rated voltage	[VaC]	400		Width	[mm]	1200			
Wiring method		3P4L+PE		Depth	[mm]	1205			
Power Factor		0.8 (Leading) ~ 0.8 (Lagging)		Weight	[kg]	1500±100	1600±100		
THDi	[%]	<5% (Rated power)		Display	Touch screen				
Frequency	[Hz]	50/ 60		Case	Carbon color				
AC (OFF-GRID)				Max. efficiency	[%]	84			
Rated power	[kW]	35	40	Air conditioner power	[kW]	2 (Cooling) / 1 (Heating)			
AC maximum current	[A]	60	74	Communication	Ethernet/4G/RS485				
AC rated voltage	[VaC]	400		Fire Control	Aerosol/ Multi-sensor/ Water ingress/ Explosion-proof ventilation				
Wiring method		3P4L+PE		Cooling method	Air-cooling				
Unbalanced load	[%]	100		Noise	[dB]	≤70			
THDv	[%]	<3% (Linear load)							
Frequency	[Hz]	50/ 60							
PRODUCT APPEARANCE									
  									
NOTES									
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079")									
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