

AEG



COMMERCIAL & INDUSTRIAL ENERGY STORAGE SYSTEM AS-BSC06 SERIES

CHARACTERISTICS

All-in-one system supports flexible expansion
Stable and continuous power supply
For commercial and industrial application
Nominal capacity: 215 kWh
Product name code (PNC): AS-BSC06-200-S000L01



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

ADVANTAGES

FLEXIBLE

- Switches between on-grid and off-grid power supply in less than 20ms
- Extensive connectivity options reduce on-site limitations

RELIABLE

- IP55 rated design for indoor and outdoor use
- 3 level fire detection, explosion-proof ventilation design
- Combined aerosol & water fire suppression for dual protection

USER-FRIENDLY

- Expandable to a capacity range of 2.58 MWh (supports up to 12 units in parallel)
- Elegant and compact design
- Easy installation at low cost

PRODUCT SERIES		PRODUCT NAMECODE (PNC)			
AEG C&I ENERGY STORAGE SYSTEMS / ALL IN ONE CABINET/ ON & OFF GRID		AS-BSC06-200-S000L01			
ELECTRICAL CHARACTERISTICS		SYSTEM CHARACTERISTICS			
Model: AS-BSC06-xxx-S000L01	200	Height	[mm] 2250		
Battery type	LFP (LiFePO4)	Width	[mm] 1850		
Rated current [A]	140	Depth	[mm] 1265		
Maximum current [A]	160	Weight	[kg] 2800±100		
Battery capacity [Ah]	280	Display	Touch screen		
Voltage range (usable) [VDC]	696-864	Case	Carbon color		
Nominal capacity [kWh]	215	Max. efficiency [%]	≥ 87 (TBD)		
Pack configuration/ Pack quantity	1P16S / 15 pack per cluster	Air conditioner power [kW]	3 (Cooling)/ 1 (Heating)		
AC (ON-GRID)		Fire Control			
Rated power [kW]	100	Aerosol, Water fire system, Multi-sensor/ Water ingress, Audible & visual alarm, Explosion-proof ventilation			
AC maximum current [A]	167	Cooling method			
AC rated voltage [VAC]	400	Air-cooling			
Wiring method	3P4L+PE	Noise [dB]			
Power Factor	1.0 (Leading) ~ 1.0 (Lagging)	≤75			
THDi [%]	≤3 (Rated power)	OPERATING CONDITIONS			
Frequency [Hz]	50/ 60	Humidity [%]	0~95 RH (Non-condensing)		
Maximum number of parallel expansion	12	Operating temperature [°C]	-20 to 50 (derating above 45°C)		
AC (OFF-GRID)		Altitude [m]	3000 (derating above 2000m)		
Rated power [kVA]	100	WARRANTIES			
AC Rated voltage [VAC]	400	Humidity [years]	5 year standard warranty or > 8000 cycles (whichever comes first)		
AC maximum current [A]	167	Accessories [years]	3		
Wiring method	3P4L+PE	Air conditioner [years]	1		
Unbalanced load [%]	100	RELIABILITY AND CERTIFICATION			
THDv [%]	<3 (linear load)	Certification	CE, LVD, UN 38.3, TUV		
Frequency [Hz]	50/ 60	Ingress protection class	IP55		
Max. number of parallel expansion	5	Anti-corrosion grade	C3		
PRODUCT APPEARANCE		Communication	Ethernet/ 4G/ RS485		
 Back View		 Cabinet View			
 Front View					
NOTES					
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079")					
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