

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

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PRODUCT SERIES

AEG C&I ENERGY STORAGE SYSTEMS / ALL IN ONE CABINET/ ON & OFF GRID

ELECTRICAL CHARACTERISTICS

Model: AS-BSC06-xxx-S000L01		200
Battery type		LFP (LiFePO4)
Rated current	[A]	140
Maximum current	[A]	160
Battery capacity	[Ah]	280
Voltage range (usable)	[VDC]	696~864
Nominal capacity	[kWh]	215
Pack configuration/ Pack quantity		1P16S / 15 pack per cluster

AC (ON-GRID)

Rated power	[kW]	100
AC maximum current	[A]	167
AC rated voltage	[VAC]	400
Wiring method		3P4L+PE
Power Factor		1.0 (Leading) ~ 1.0 (Lagging)
THDi	[%]	≤3 (Rated power)
Frequency	[Hz]	50/ 60
Maximum number of parallel expansion		12

AC (OFF-GRID)

Rated power	[kVA]	100
AC Rated voltage	[VAC]	400
AC maximum current	[A]	167
Wiring method		3P4L+PE
Unbalanced load	[%]	100
THDv	[%]	<3 (linear load)
Frequency	[Hz]	50/ 60
Max. number of parallel expansion		5

PRODUCT NAMECODE (PNC)

AS-BSC06-200-S000L01

SYSTEM CHARECTERSTICS

Height	[mm]	2250
Width	[mm]	1850
Depth	[mm]	1265
Weight	[kg]	2800±100
Display		Touch screen
Case		Carbon color
Max. efficiency	[%]	≥ 87 (TBD)
Air conditioner power	[kW]	3 (Cooling)/ 1 (Heating)
Fire Control		Aerosol, Water fire system, Multi-sensor/ Water ingress, Audible & visual alarm, Explosion-proof ventilation
Cooling method		Air-cooling
Noise	[dB]	≤75

OPERATING CONDITIONS

Humidity	[%]	0~95 RH (Non-condensing)
Operating temperature	[°C]	-20 to 50 (derating above 45°C)
Altitude	[m]	3000 (derating above 2000m)

WARRANTIES

Humidity	[years]	5 year standard warranty or > 8000 cycles (whichever comes first)
Accessories	[years]	3
Air conditioner	[years]	1

RELIABILITY AND CERTIFICATION

Certification		CE, LVD, UN 38.3, TUV
Ingress protection class		IP55
Anti-corrosion grade		C3
Communication		Ethernet/ 4G/ RS485

PRODUCT APPEARANCE



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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