

AEG



COMMERCIAL & INDUSTRIAL ENERGY STORAGE SYSTEM AS-BSC06 SERIES

CHARACTERISTICS

All-in-one system supports flexible expansion
Multi-functional integration with PV access
Stable and continuous power supply
For commercial and industrial application
Nominal capacity: 215 kWh
Product name code (PNC): AS-BSC06-200K



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

ADVANTAGES

FLEXIBLE

- DC coupled PV, improve power generation efficiency
- Reversed DC expansion interface
- Switching time between on & off-grid is <20ms
- Multiple wiring options reduce site constraints

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
- Equipped with intelligent and efficient STS

USER-FRIENDLY

- Expandable up to capacity range 2.58 MWh (supporting up to 12 units in parallel)
- Elegant and compact design
- Easy handling and installation at low cost
- AC-coupled integration with PV, diesel generators, EV chargers and all energy scenarios

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

ELECTRICAL CHARACTERISTICS		
Model: AS-BSC06-xxxK		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	1P16S*15	

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

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

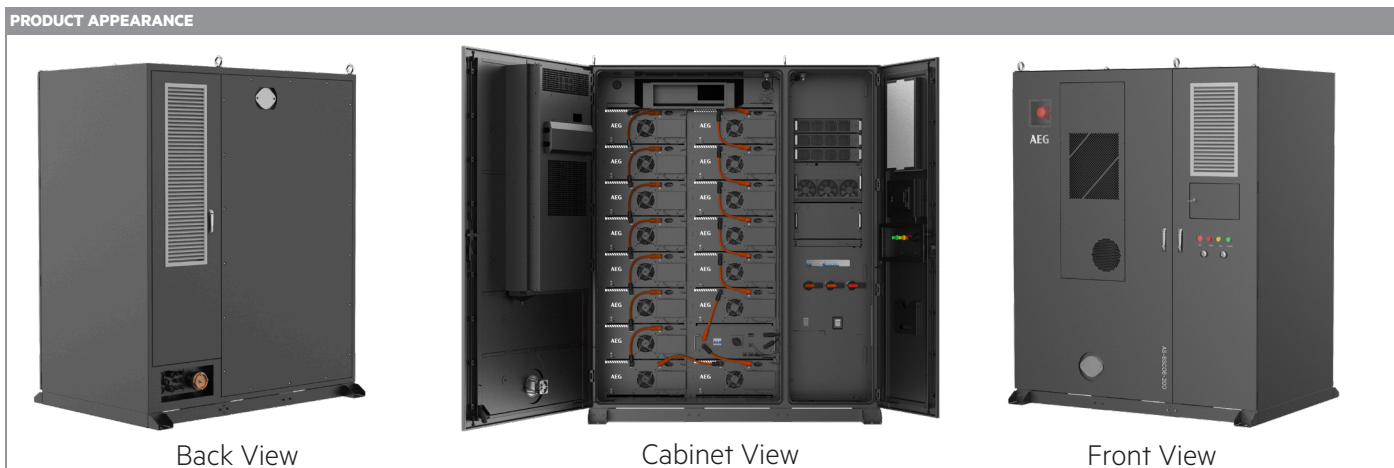
PRODUCT NAMECODE (PNC)	
AS-BSC06-200	

PHOTOVOLTAIC		
Model: AS-BSC06-xxxK		200
Maximum input power	[kW]	50*3
Maximum input current	[A]	100*3
Short circuit current	[A]	150
Input voltage range	[VdC]	200~670
Maximum voltage	[VdC]	670
Start-up voltage	[VdC]	250
MPPT path	3	

SYSTEM CHARECTERISTICS		
Height	[mm]	2250
Width	[mm]	1845
Depth	[mm]	1190
Weight	[kg]	2800±100
Display	Touch screen	
Case		Carbon color
Max. efficiency	[%]	87
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]	≤70

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



NOTES	
1- For the full Warranty Terms please visit www.aeg-solar.com	
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079 ")	
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