

AEG



ENERGY STORAGE | SMART-LIQUID COOLING ESS CABINET

AS-BSC06-232

AEG

CHARACTERISTICS

High energy density (up to 147 kWh/m²) liquid cooling EES
Capacity: 232 kWh
1000 VdC
Supports AC- and DC-side expansion

ADVANTAGES

Flexible expansion with up to 10 units in parallel (up to 2.3 MWh)
Smart liquid cooling, high thermal efficiency
High level protection (C3 / C5 anti-corrosion grade, PACK+PCS, IP65)
Enhanced safety (3-level fire suppression, explosion-proof design)
Easy maintenance with remote monitoring



**RELIABLE POWER:
5 YEARS WARRANTY**



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PRODUCT SERIES		
AEG C&I ENERGY STORAGE SYSTEMS / SMART-LIQUID-COOLING ESS CABINET		

ELECTRICAL CHARACTERISTICS		
Model: AS-BSC06-xxx		232
Battery type		LFP (LiFePO4)
Battery capacity	[Ah]	280
Voltage range (usable)	[VDC]	754~936
Rated Current	[A]	140
Max. Current	[A]	160
Nominal capacity	[kWh]	232
Pack Configuration		1P52S
Pack Quantity		5 PACK/Cluster

AC (ON GRID)		
Rated power	[kW]	100
AC Maximum current	[A]	145
AC Rated voltage	[VaC]	400
Wiring method		3P4L+PE
Frequency	[Hz]	50
Power Factor		1(Leading)~1(Lagging)
THDi	[%]	≤3 (Rated power)
Max. Nr. of parallel expansions		10

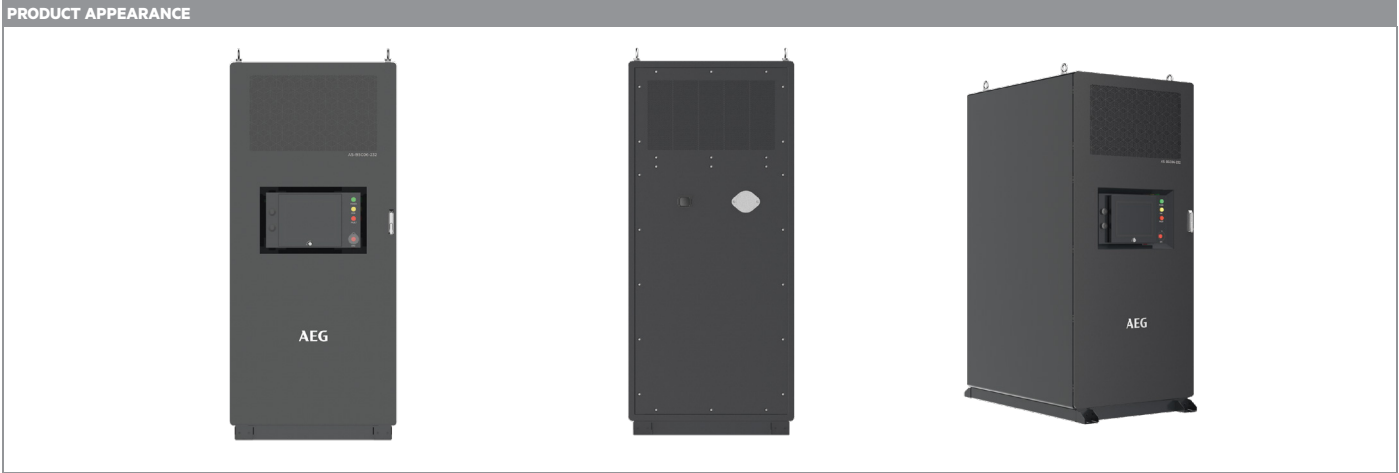
WARRANTIES		
Battery system/ accessories/air conditioner	[years]	5/5/5 (respectively)

PRODUCT NAMECODE (PNC)		
AS-BSC06-232		

SYSTEM		
Model: AS-BSC06-xxx		232
Dimension (DxWxH)	[mm]	1475x1055x2400
Fire control		Aerosol, Multi-sensor/Water ingress, Explosion-proof ventilation
Weight	[kg]	2600±100
Installation		floor-stand
Case		carbon color
Display		touchscreen
Communication		Ethernet/ 4G/ RS485
Cooling method		PACK Liquid-cooling + PCS Air-cooling
Liquid cooling		2.5kW (Cooling), 2kW (Heating)
Noise	[dB]	75

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

RELIABILITY AND CERTIFICATION		
Certification		CE, LVD, UN38.3
Protection class		IP55
Anti-corrosion grade		C3/C5 (optional)
Maximum efficiency	[%]	90



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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