



NEW
ENERGY

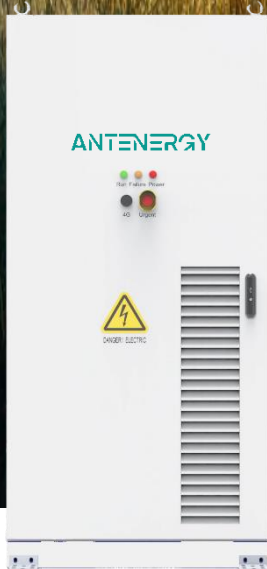
C&I Energy Storage System One-stop Service

C&I Energy Storage System

One-stop Service



105K215ES-A
105K233ES-L
105K215ES-L



62K107ES-A
(0.5C/1C)



105K215ES-A
105K233ES-L

SPECIFICATIONS

Models	62K107ES-A (0.5C/1C)	105K215ES-A	105K215ES-A	105K233ES-L	105K233ES-L	105K215ES-L
DC Side						
Rated Battery Capacity	107kWh	215kWh	215kWh	233kWh	233kWh	215kWh
Rated Battery Voltage	819.2V	768V	819.2V	832V	832V	768V
Battery Voltage Range	768V - 921.6V	720V - 864V	768V - 921.6V	780V-936V		720V - 864V
Battery Type				LFP		
Cell Capacity	131Ah	280Ah	131Ah	280Ah		
Battery Lifespan	8,000 cycles (0.5C/1C, 5%~95%DOD, 700%SOH) Energy Cycle Efficiency					
Standard Charge/Discharge Current	0.5C/1C	0.5C				
Series-Parallel Connection Method	1P*8S*32S	1P48S (5 PACK)	2*1P*8S*32S	1P52S (5 PACK)		
Module Cooling Melhod	Air-cooling				Liquid-cooling	
AC Side						
Rated AC Power	62.5kW/105kW	105kW				
Maximum Efficiency	98.5%					
Rated AC Voltage	230/400V					
Grid Vol Lage Range	320 ~460V					
Rated AC Frequency	50/60Hz					
Total Harmonic Distortion of CurrentTHDI	<3% (Rated Power)					
Power Factor	(-1 Leading - +1Lagging)					
Total Harmonic Distortion of Voltage THDU	<3% (Linear Load)					
PCS Cooling Method	Air-cooling					
Photovoltaic DCDC Parameter (optional)						
Maximum Input Component Power	100kW	/	100kW	100kW(50KW*2)	/	/
MPPT Voltage Range	200 ~850V	/	200 ~850V	200 ~850V	/	/
Number of MPPT Tracks	1- 2 Lrack	/	1- 2 Lrack	1- 2 Lrack	/	/
STS (Optional)						
Raled Power	200kW (grid side 100kW, load side 100kW)	/	200kW (grid side 100kW, load side 100kW)	/	/	
Switching Time	≤20ms	/	≤20ms	/	/	
System Parameter						
Energy Cycle Efficiency	≥88%	≥90%	≥88%	≥90%		
Protection Level	IP55	IP54				
Corrosion Protection Level	C3 by default, C4/C5 optional					
Isolation Melhod	Non-isolated (Isolation transformer optional)					
Relative Humidity	0~95% (No condensation)					
Operating Temperature	(-30℃~55℃)					
Cooling Melhod	Intelligent Air Cooling	Liquid Cooling	Intelligent Air Cooling	Liquid Cooling		
Altitude	<4,000m (derating over 2,000m)					
BMS Communication	CAN2.0b					
EMS Communication	4G/CAN/RS485					
Dimensions (W*D*H)	1,000'1,300'2,100 mm	1,310 * 995 * 2,100mm	1,850.*1,250mm*2,280m	1,692mm*1,385mm*2,220mm	1,040mm *1,322mm*2,320mm	
Weight (Approx.)	1.8t	3.2t	3t	3.2t	3t	
Annual Degradation Rate	<3%					
Warranty	5 years					