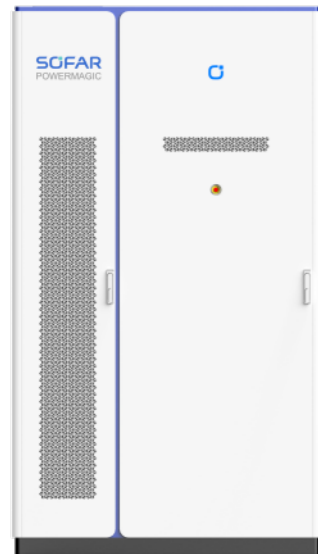


Energy Storage Cabinet



Product Advantages

- Modular design, flexible system expansion
- Grid-on/off auto-switch
- Electrical cables and liquid pipes separated design
- 3 Level FSS+ Flammable gas emission & Explosion vents
- Liquid cooling + Anti-condensation design
- Multi-function EMS integrated



Model	ESS-344kLA-SA1EU	ESS-258kLA-SA1EU	ESS-215kLA-SA1EU
DC side			
Battery type	LFP/280Ah		
Rated energy	344kWh (8Pack)	258kWh (6Pack)	215kWh (5Pack)
Rated Voltage	1228.8V	921.6V	768V
DC operating voltage range	979.2V~1382.4V DC	734.4V~1036.8V DC	612V~864V DC
Recommend DC voltage range	1030~1382.4V DC	734.4V~1036.8V DC	680V~864V DC
C-rate/P-rate	≤0.6P	≤0.5P	≤0.5P
AC side			
AC Voltage	690V AC	400V AC	
Rated power	215kW	125kW	
Maximum AC power	237kW	138kW	
Maximum AC current	198A	198A	
Rated grid frequency	50Hz/60Hz	50Hz/60Hz	
Power factor	-1~1	-1~1	
System Parameters			
Operating ambient temperature	-30℃~50℃(Derating above 45℃)		
Storage ambient temperature	-30℃~60℃		
Operating relative humidity	0~100%(No condensation)		
Cooling type	Liquid cooling		
Fire suppression	1.Battery cell level (perfluorohexanone) 2.Canibet level (perfluorohexanone or aerosol) 3. Water suppression pipes		
System configuration	AC side: Maximum 6 Energy storage cabinets in parallel DC side: Maximum 3 Battery cabinets per Energy storage cabinet		
Grid-On/Off	Auto-switch		
Cabinet connection	Plug-in connector		
Dimension(W*D*H)	1450*1350*2550mm	1450*1350*2320mm	
Weight	< 3.5T	< 2.8T	< 2.5T
Ingress protection rating	IP55		
Anti-corrosion	C3(C4/C5 optional)		
Operating altitude	≤4000m(Derating above 2000m)		
Installation	Ground mounting		
Communication interface	Ethernet, Dry connect		
Standard	IEC/EN 61000-6-2/4 , IEC62477-1 , IEC62619, UN38.3, UL9540A, UL1973		

* All specifications are subject to change without notice.