

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-258kLA-SA1	ESS-215kLA-SA1
DC side		
Battery type	LFP/280Ah	
Rated energy	258kWh (6Pack)	215kWh (5Pack)
Rated Voltage	921.6V	768V
DC operating voltage range	734.4V-1036.8V DC	612V-864V DC
Recommend DC voltage range	777.6V-1022.4V DC	648V-852V DC
AC side		
AC Voltage	400V AC	
Rated power	125kW	
Maximum AC power	138kW	
Maximum AC current	198A	
Rated grid frequency	50Hz/60Hz	
Power factor	-1-1	
System Parameters		
Operating ambient temperature	-30°C-50°C (Derating above 45°C)	
Storage ambient temperature	-30°C-60°C	
Operating relative humidity	0-100% (No condensation)	
Cooling type	Liquid cooling	
Fire suppression	1. Battery cell level (perfluorohexanone) 2. Cabinet level (perfluorohexanone or aerosol) 3. Water fire suppression	
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 (With backup cabinet)	
Cabinet connection	Plug-in connector	
Dimension(W*D*H)	1450*1350*2200mm	
Weight	<2.8T	<2.5T
Ingress protection rating	IP55	
Anti-corrosion	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.