

# Battery Cabinet



## Product Advantages

- Modular design, flexible system expansion
- Electrical cables and liquid pipes separated design
- 3 Level FSS + Flammable gas emission & Explosion vents
- Liquid cooling + Anti-condensation design



Model	ESS-258kLA-BD1	ESS-215kLA-BD1
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
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. Cabinet level (perfluorohexanone or aerosol) 3. Water fire suppression	
Communication interface	CAN, RS485	
Cabinet connection	Plug-in connector	
Dimension(W*D*H)	1000*1350*2200mm	
Weight	<2.5T	<2.2T
Ingress protection rating	IP55	
Anti-corrosion	C4 (C5 optional)	
Operating altitude	≤4000m (Derating above 2000m)	
Installation	Ground mounting	
Standard	IEC62619, UN38.3, UL9540A, UL1973	

\* All specifications are subject to change without notice.