

Energy Storage Cabinet

SO FAR



- 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-SA1
DC side	
Battery type	LFP/280Ah
Rated energy	344kWh (8Pack)
Rated Voltage	1228.8V
DC operating voltage range	979.2V~1382.4V DC
Recommend DC voltage range	1036.8~1363.2V DC
AC side	
AC Voltage	690V AC
Rated power	215kW
Maximum AC power	237kW
Maximum AC current	198A
Rated grid frequency	50Hz/60Hz
Power factor	-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 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*2550mm
Weight	< 3.5T
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, UL 9540, UN38.3, UL9540A, UL1973

* All specifications are subject to change without notice.