

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℃~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*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, ULI973		

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