

Model	ESS-5MWH	ESS-4MWH
Battery Data		
Nominal Energy	5015kWh	4179kWh
Nominal Voltage	1331.2V	
Battery Model	SC52T08-314	
Battery Chemistry	Lithium Iron Phosphate(LiFePO4)	
Cell Specification	≥8000@25°C, 0.5P/0.5P	
Cycle Life	3.2V/314Ah	
String Configuration	416S1P	
Number of Racks	12	10
Operating Voltage Range	1164.8V - 1497.6V	
Standard Charging Power	0.5P(2507.9kW)	0.5P(2089kW)
Standard Discharging Power	0.5P(2507.9kW)	0.5P(2089kW)
Safety		
Fire Extinguishing System	Aerosol, Water sprinkler system	
Efficiency		
Max. Efficiency	93%	
General		
Dimensions (W × D × H)	6058 × 2438 × 2896 mm	
Weight	Approximately 43000kg	
IP Rating	IP54	
Cooling Method	Liquid cooling	
Operating Ambient Temperature Range	-25°C - +55°C	
Storage Temperature	-30°C - +60°C	
Relative Humidity	15% - 95%(Non-condensing)	
Working Altitude	≤2000m	
Communication Interfaces	LAN/CAN/RS485	
Compliance	IEC/EN 62619, IEC/EN 61000, UN3536, MSDS	