

Model	ESS-208KWH	ESS-156KWH
Battery Data		
Nominal Energy	208kWh	156kWh
Nominal Voltage	665.6V	499.2V
Battery Model	SC52T04-314	SC52T03-314
Battery Chemistry	Lithium Iron Phosphate(LiFePO4)	
Cycle Life	≥8000 cycles(@25°C, 0.5P/0.5P)	
Cell Specification	3.2V 314Ah	
Battery Pack Energy	52.24kWh	
String Configuration	1P208S	1P156S
Number Of Strings	1	
Operating Voltage	582.4–759.2V	436.8–569.4V
Rated Charging Power	0.5P	
Rated Discharging Power	0.5P	

Safety		
Fire Suppression System	Aerosol fire extinguishing	

Inverter Data	
Rated Power	50 kW
Please Refer To The Inverter Section For More Details.	

General		
Dimensions (W x D x H)	1300mm x 1450mm x 1890mm	
Weight	Approximately 2000 kg	Approximately 1700 kg
IP Rating	IP54	
Cooling Method	Liquid cooling	
Operating Ambient Temperature Rang	-25°C - +55°C	
Relative Humidity	15% - 90%(Non-condensing)	
Max. Operating Altitude	≤3000m	
Communication Interface	LAN/CAN/RS485	
Compliance	IEC/EN 62619, IEC/EN 61000, UN383, MSDS	

