

Model	ESS-2MWH/1MW
Battery Data	
Nominal Energy	2089kWh
Nominal Voltage	1331.2V
Battery Model	SC52T08-314
Battery Chemistry	Lithium Iron Phosphate(LiFePO4)
Cycle Life	≥8000 cycles@25°C, 0.5P/0.5P
Cell Specification	3.2V 314Ah
Battery Pack Energy	52.2kWh
String Configuration	1P416S
Number of Racks	5
Operating Voltage	1164.8V - 1497.6V
Standard Charging Power	0.5P
Standard Discharging Power	0.5P
Safety	
Fire Extinguishing System	Aerosol, Water sprinkler system
PCS Data	
Rated Power	1075kW
Please refer to the PCS section for more details.	
General	
Dimensions(W × D × H)	6058 × 2438 × 2896 mm
Weight	≤24000kg
IP Rating	IP54
Cooling Method	Liquid cooling(Battery)
Operating Temperature	-25°C - +55°C
Storage Temperature	-30°C - +60°C
Relative Humidity	15%-90%(Non-condensing)
Operating Altitude	≤3000m
Communication Interfaces	LAN/CAN/RS485
Compliance	IEC/EN 62619, IEC/EN 61000, UN3536, UN38.3