

Model		ESS-1.5MWH
Battery Data		
Nominal Energy		1567kWh
Nominal Voltage		832V
Battery Model		SC52T05-314
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		1P260S
Number of Racks		6
Operating Voltage		728 - 949V
Rated Charging Power		0.5P
Rated Discharging Power		0.5P
Safety		
Fire Extinguishing System		Aerosol, Water sprinkler system
PCS Data		
Rated Power		750kW (375kW + 375kW)
Note		Please refer to the PCS section for more details
STS Data		
Rated Power		1200kW (600kW + 600kW)
AC Voltage		400Vac, 3W+PE
Switching Time		<10ms
Transformer Data		
Rated Power		750kVA
Input Voltage/Output Voltage		400V/400V
General		
Dimensions(W × D × H)		6058 × 2438 × 2896 mm
Weight		Approximately 23000kg
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		LAN/CAN/RS485
Compliance		IEC/EN 62619, IEC/EN 61000, UN3536, UN38.3, MSDS