

EU Standard 20ft HQ Containerized 6.25MWh Centralized ESS



Specifications

System Specifications

Rated Capacity	6251.31kWh
Cell Type	LFP 3.2V / 587Ah
System Configuration	((1P104S)4S)8P
Operating Voltage	1040V DC~1497.6V DC
Nominal DC Voltage	1331.2V DC
Charge-Discharge Rate	0.5P
Relative Humidity	0~95%RH
Pack IP Rating	IP67
Container IP Rating	IP55
Anti-corrosion Class	≥C4
Altitude	≤3000m
Ambient Temperature	-30°C~55°C (>45°C Derating)
Thermal Management	Liquid Cooling / Heating
Fire Suppression System	Pack Level (Aerogel + Aerosol) + Container Level (Aerosol + Water Sprinkler)
Communication Interfaces	CAN, RS485, Ethernet
Communication Protocols	Modbus TCP/RTU, IEC 61850, IEC 104
Dimension(WxDxH)	6058mm*2438mm*2896mm
Weight	≈45T
Certifications	IEC 62477-1, IEC 62619, IEC 63056, IEC 61000-6-2, IEC 61000-6-4, IEC 60529, UN 38.3"