

LUNA2000-2.0MWH Series Smart String ESS



More Energy



Optimal Investment



Simple O&M



Safe & Reliable

Battery Container			
Model	LUNA2000-2.0MWH-4H1	LUNA2000-2.0MWH-2H1	LUNA2000-2.0MWH-1H1
DC Rated Voltage	1,250 V		
DC Max. Voltage	1,500 V		
Nominal Energy Capacity	2,032 kWh		
Charge & Discharge Rate	≤ 0.25 C	≤ 0.5 C	≤ 1 C
Rated Power	169.5 kW * 3	338.7 kW * 3	338.7 kW * 6
Container Configuration (W x H x D)	6,058 x 2,896 x 2,438 mm		
Container Weight	≤ 30 t		
Operation Temperature Range	-30°C ~ 55°C		
Storage Temperature Range	-40°C ~ 60°C		
Relative Humidity	0 ~ 100% (Non-condensing)		
Max. Operating Altitude	4,000 m		
Cooling Method	Smart Air Cooling		
Configuration of HVAC	2 HVACs	4 HVACs	6 HVACs
Fire Suppression Agent	FM-200 / Novec 1230™		
Communication Interface	Ethernet / SFP		
Communication Protocol	Modbus TCP / IEC 104		
Protection Degree	IP55		
Anti-corrosion Protection	C5-Medium		
Low Voltage AC Coupling	Yes	Yes	Yes
Grid Forming	Yes	Yes	-

Standards Compliance

RoHS, IEC62477-1, IEC62040-1, IEC61000-6-2, EN55011, UL9540A, IEC62619, UN3536, etc.