



**WL-ESS-2507kWh-1500V**

 **High Efficiency,  
Long Lifespan**

 **Safe & Reliable, Low  
Maintenance**

 **High Integration,  
Fast Installation**

 **All-Terrain Adaptable,  
Built for Harsh Conditions**

System Model	WL-ESS-2507kWh-1500V
System Parameters	
Battery Cell Type	LFP/314Ah
Battery Configuration	6P416S
Battery Capacity at DC Side (BOL)	2,507 kWh
Maximum P-Rate	0.5P
Battery Rated Voltage	1,331.2 V
Voltage Range	1,164.8 ~ 1,497.6 V
Container Size (W × D × H)	3,420 × 2,438 × 2,896 mm
Container Weight	23,000kg
Container Colour	RAL 7035
IP Level	IP 55
Anti-Corrosion	Default: C4 Optional: C5
Operating Temperature Range	-25°C~50°C(>45°C de-rating)
Relative Humidity	5% ~ 95%
Highest Working Altitude	3,000 m
Temperature Control Method	Liquid Cooling
Fire Suppression System	Default: Aerosol, Smoke, and Temperature Detector, Ventilation System with Flammable Gas Detector, Dry Pipe Fire Sprinkler Optional: Deflagration Panel
Communication Interface	Ethernet
Communication Protocol	Modbus TCP, IEC 61850, IEC 104
Standard Compliances	IEC 62619, IEC 61000-6-2&4, IEC 62477-1 UL 9540A, UL 9540, UL 1973, NFPA 69, UN 38.3