



WL-ESS-1152kW/3086kWh-400V

 **High Efficiency & High Voltage, High Density**

 **Intelligent Diagnostics, Easy O&M**

 **High Integration & Fast Installation, Plug-and-Play**

 **All-Terrain Adaptability, IP55 Protection**

System Model	WL-ESS-1280kW/2700kWh-400V	WL-ESS-1152kW/3086kWh-400V
DC Parameter		
Battery Cell Type	LFP/314Ah	LFP/314Ah
Battery Configuration	8P336S	8P384S
Battery Capacity at DC Side (BOL)	2,700kWh	3,086kWh
Maximum P-Rate	0.5P	
Battery Rated Voltage	1075.2V	1228.8V
Battery Voltage Range	940.8~1209.6V	1075.2~1382.4V
Battery Cooling Method	Liquid Cooling	
AC Parameters		
Rated Capacity	8x160kVA(DC Voltage> 1200V, Derating to 90%)	
PCS Cooling Method	Forced Air Cooling	
Rated Voltage	400V	
Voltage Range	-10%~15%	
AC Connection	3P+N	
THDi	<3% (at nominal power)	
Power Factor	-1~1	
Rated Frequency	50/60Hz	
PCS Standard Compliance	IEC62477-1, EN62109, IEC61000-6-2&4, EN50549-1&2, EN50549-10	
General Parameters		
Container Size (W×D×H)	6,058×2,438×2,896mm	
Container Weight	28,400kg	30,950kg
IP Level	IP 55 for Battery Room, IP66 for PCS, IP54 for Chiller	
Anti-Corrosion	Default: C4, Optional: C5	
Operating Temperature	-20°C~50°C(>45°C de-rating)	
Relative Humidity	5%~95%	
Highest Working Altitude	3,000m	
Fire Protection System	Aerosol, Smoke and Temperature Detector, Ventilation System with Gas Detector, Deflagration Panel, Dry Pipe Fire Sprinkler	
Communication Interface	Ethernet	
Communication Protocol	ModbusTCP	
Standard Compliance	IEC 62619, IEC 61000-6-2&4, IEC 62477-1, UN 38.3 IEC 62933-5 2, UL9540A, EN50549	