



WL-ESS-5015kWh-1500V

 **High Efficiency,
Long Lifespan**

 **Safe & Reliable, Low
Maintenance**

 **High Integration,
Fast Installation**

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

| System Model | WL-ESS-5015kWh-1500V |
|-----------------------------------|--|
| System Parameters | |
| Battery Cell Type | LFP/314Ah |
| Battery Configuration | 12P416S |
| Battery Capacity at DC Side (BOL) | 5,015 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) | 6,058 × 2,438 × 2,896 mm |
| Container Weight | 42,000kg |
| 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 |