# Model: LUNA2000-5015-2S

## Smart String Grid Forming ESS



**All-architecture Safety**

**All-scenario Grid forming**

**All-lifecycle Cost-effectiveness**

**All-rounder Digitalization**

| Battery Container | |
|---|---|
| Model | LUNA2000-5015-2S |
| DC Rated Voltage | 1,331.2 V |
| DC Max. Voltage | 1,500 V |
| Nominal Energy Capacity | 5,015 kWh |
| Charge & Discharge Rate | ≤ 0.5 CP |
| Rated Power | 2,507.5 kW |
| Dimension (W x H x D) | 6,058 x 2,896 x 2,438 mm |
| Weight | < 43 t |
| Operation Temperature Range | -30°C ~ 55°C |
| Storage Temperature Range | -40°C ~ 60°C |
| Relative Humidity | 0 ~ 100% (Non-condensing) |
| Max. Operating Altitude | 4,700 m |
| Cooling Method | Liquid Cooling |
| Fire Suppression System | Water Sprinkler, NOVEC 1230 |
| Communication Interface | Ethernet / SFP |
| Communication Protocol | Modbus TCP |
| Protection Degree | IP55 |
| Anti-corrosion Degree | C5-Medium |
| **Standards Compliance** | |
| RoHS, IEC62477-1, IEC62040-1, IEC61000-6-2, IEC62933-5-2, UL9540A, IEC62619, UN38.3, etc. | |
| **Battery Pack** | |
| Cell Material | LFP |
| Number of Cell | 104 |
| Nominal Capacity | 2*314 Ah / 104.49 kWh |
| Protection Degree | IP65 |
| Weight | < 710 kg |
| Dimensions (W x H x D) | 785 x 249 x 2135 mm |