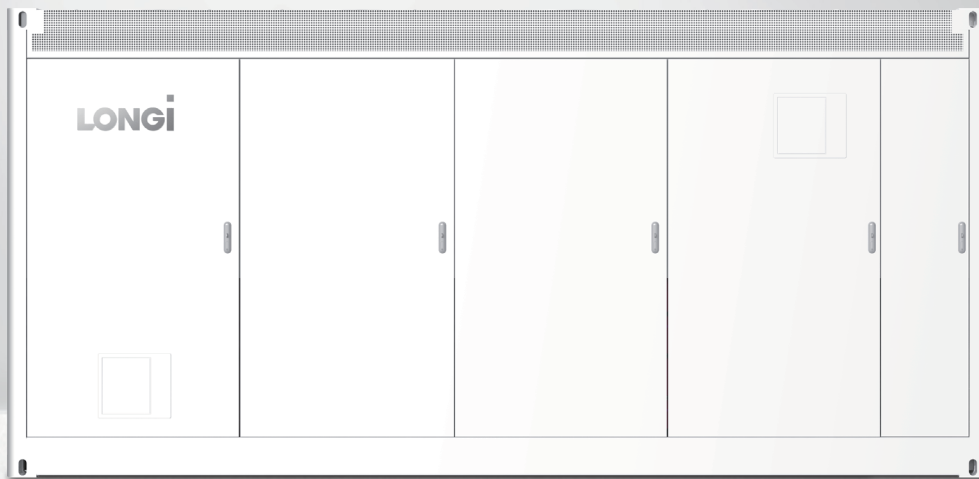




| Utility-Scale Liquid Cooling ESS |

OneBank 2.0



HIGH SAFETY & RELIABILITY

- Thermal runaway prediction & active fire prevention
- Multi-level fuse electrical design
- AI intelligent arc fault real-time detection
- 24/7 real-time online insulation monitoring



HIGH EFFICIENCY

- Full-stack self-development, supporting rapid on-site deployment
- Rack-level management, improving energy generation by 8%
- AI uniform temperature control via liquid cooling, longer service life
- Multiple operation modes, including PQ, VF, VSG, GFM



HIGH ENERGY DENSITY

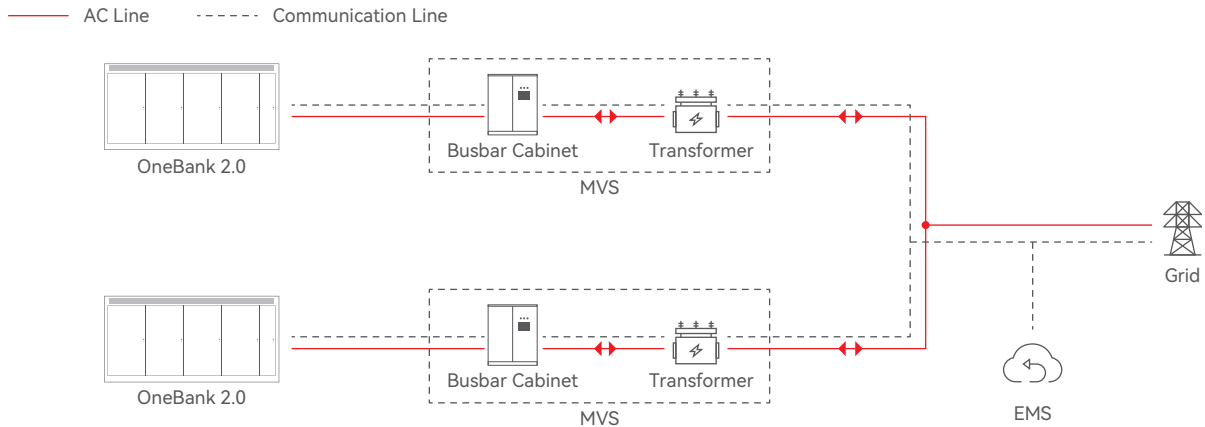
- Liquid-cooled AC/DC integrated design
- High volumetric energy density reaching 146 Wh/L
- Features compact footprint with efficient land utilization
- Industry-leading full-lifecycle LCOE



FULL-CHAIN INTELLIGENT O&M

- AI high-precision health diagnosis
- Modular design for easy maintenance
- Automatic refill without downtime
- 24/7 rapid response

SYSTEM DIAGRAM



PRODUCT SPECIFICATIONS

| Technical Data | |
|----------------------------------|--|
| DC Side | |
| Cell type | LFP |
| System battery configuration | 416S8P |
| Nominal capacity | 6251 kWh |
| Nominal voltage | 1331.2 V |
| Operating voltage range | 1164.8 ~ 1500 V |
| Charge-discharge rate | ≤ 0.25P |
| AC Side | |
| Rated output power | 430 kW × 4 |
| Rated grid voltage | 690 V |
| Rated grid frequency | 50 / 60 Hz |
| THDi | < 3% |
| Power factor range | > 0.99 |
| PCS efficiency | 99.02% |
| General Parameter | |
| Dimensions (W×D×H) | 6058 mm × 2438 mm × 2896 mm |
| Weight | ≤ 48 t |
| Degree of protection | IP55 |
| Anti-corrosion degree | C4/C5 (optional) |
| Operation humidity range | 0% ~ 100% RH |
| Operation temperature range | -30 ~ 60°C |
| Max. operating altitude | 4000 m (> 2000 m derating) |
| Temperature control method | Liquid cooling |
| Noise | ≤ 75 dB(A) |
| Fire suppression system | Smoke and heat detectors, FACP, Sprinkler, Fire alarm system, Flammable gas detector, Ventilation system, Aerosol fire-extinguishing system, Explosion vent panel (optional) |
| Communication interface | Ethernet |
| Communication protocol | Modbus TCP, IEC 61850, IEC 104 |
| Standard & Compliance | |
| Standard | IEC 61000, IEC 62619, IEC 62933, IEC 63056, IEC 62477, IEC 62443, G99, UL9540A, NFPA68/69, UN 38.3, UN 3536, etc. |