



| Utility-Scale Liquid Cooling ESS |

LONGiBank 2.0



SAFETY & RELIABILITY

- Thermal runaway prediction for fire prevention
- Multi-level fuse electrical design



HIGH EFFICIENCY

- Full-stack self-development, rapid on-site deployment
- Long service life by AI temperature control



HIGH ENERGY DENSITY

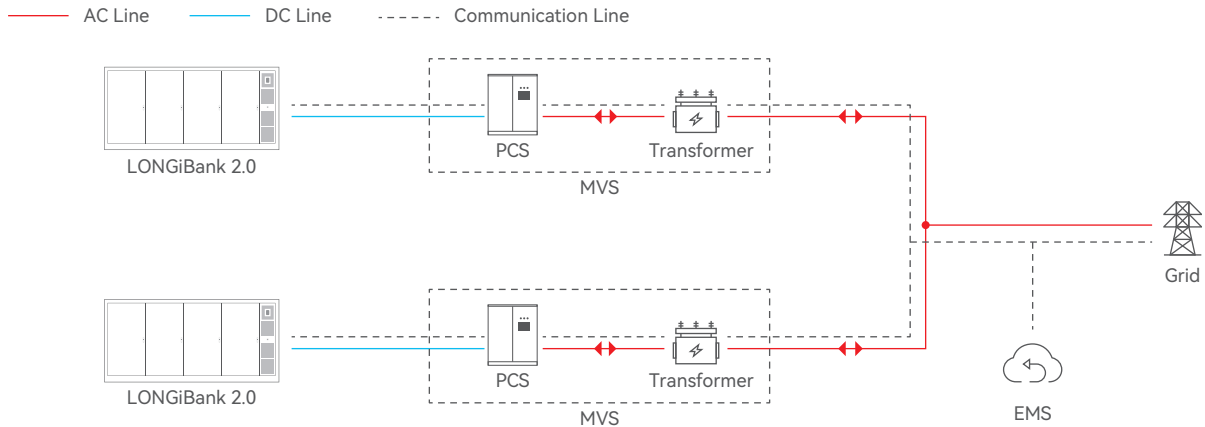
- Energy density up to 146 Wh/L
- Leading LCOE over full lifecycle



FULL-CHAIN INTELLIGENT O&M

- AI high-precision health diagnosis
- 24/7 rapid response

SYSTEM DIAGRAM



PRODUCT SPECIFICATIONS

Technical Data	
DC Side	
Cell type	LFP
System battery configuration	416S8P
Nominal capacity	6251kWh
Nominal voltage	1331.2V
Operating voltage range	1164.8V ~ 1500V
General Parameter	
Dimensions (W×D×H)	6058mm×2438mm×2896mm
Weight	≤47t
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	4000m
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, RS485, CAN
Communication protocol	ModbusTCP/RTU, IEC 104, IEC 61850
Standard & Compliance	
Standard	IEC 61000, IEC 62619, IEC 62933, IEC 63056, IEC 62477, IEC 62443, UL9540A, NFPA68/69, UN 38.3, UN 3536, etc.