

LT262KWH/125KW

Lingtech 262KWH/125KW liquid cooling system

524KWh requires 2 sets of 262kwh125kw



Safe and Reliable

- Smart liquid cooling system for efficient heat dissipation
- IP54 and C3 anti-corrosion design
- Three levels fire suppression mechanism



Intelligent and Easy to Use

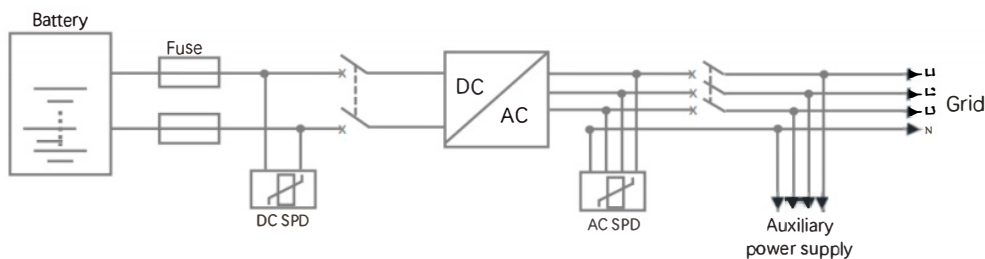
- Battery capacity and discharge time prediction
- Cloud O&M, fast fault analysis and handling
- AI algorithm to achieve early fault cell warning



Efficient and FLexible

- Integrated design, plug and play
- Support isolated grid operation
- Millisecond dynamic response

Electrical Diagram



Specification parameter

Model	LT 262KWH 125KW
DC Side	
Cell type	LFP/280Ah
Battery capacity (BOL)	262kWh
Rated voltage	832V
Battery voltage range	725V~ 940V
Rated/Max. current	140A / 170A
System configuration	52S1P*5
AC Side	
Rated charge/discharge power	125kW
Rated voltage	400V
Voltage range	360V~440V
Rated current	155A
Rated frequency	50/60Hz
AC connection	3L+N+PE
System Parameter	
Dimension (W×H×D)	1100×2519×1500(mm)
Weight	≈2500kg
Cycle performance	≥8000 cycles; @25±2℃,0.5P,SOH≥80%
System efficiency	≥89% (Including subsidiary Power Consumption)
Fire suppression system	NOVEC 1230 (Support PACK level)+flammable gas detection + exhaust + Water Sprinkler System
Cooling concept	Liquid cooling
Operating ambient temperature range	-20~55℃
Max. Working altitude	2,000m (When the altitude is between 2000-4000m, the output of the system will be de-rated.)
Relative humidity	RH ≤95%(No condensation)
IP rating	IP54
Communication protocols	Modbus、IEC60870-5-104、4G (MQTT)
Remote monitoring	Cloud EMS, mobile APP
Anti-corrosion Grade	C3
Compliance	UN38.3、IEC62619、CE
Application scenarios	Industrial and commercial energy storage ,microgrid , emergency power backup