

# LT1075KWH+250KW hybrid



Lingtech Air Cooled Energy Storage System



## OPTIMAL COST

- Intelligent Lingtech air-cooled temperature control system to optimize the auxiliary power consumption
- Pre-assembled, no battery module handling on site, transportation of complete system

## EFFICIENT AND FLEXIBLE

- High-efficiency heat dissipation, increase battery life and system discharge capacity
- Front single-door-open design, supporting back to back layout drawing
- Function test in factory, limited on-site work, accelerate commissioning process



## SAFETY AND RELIABLE

- Electrical safety management, overcurrent fast breaking and arc extinguishing protection
- The electrical cabinet and battery cabinet are separated to prevent thermal runaway



## CONVENIENT O&M

- One-click system upgrade
- Automatic coolant refilling design
- Online intelligent monitoring Remote maintenance



Technical Data	LT1075kwh-200kw hybrid
<b>DC side</b>	
Cell type	LFP 3.2 V / 2 8 0 Ah C-rate:0.5C
Battery configuration	240S5P(whole system)
Nominal capacity	1075kWh
Nominal voltage range	580 V - 795 V
<b>AC side</b>	
Nominal AC power	250KW hvb id
AC current distortion rate	< 3 % ( Nominal Power )
DC component	< 0.5 %
Nominal AC voltage	690 V
AC voltage range	580V - 759 V
Termination (LV)	3 Phase
Power factor	> 0.99 ( Nominal Power )
Adjustable range of reactive power	- 100 % - 100 %
Nominal frequency	50 Hz
<b>System parameter</b>	
Dimension ( W * H * D )	6058 mm * 2896 mm * 2438 mm
Weight	12940 kg
Degree of protection	IP55
Anti-corrosion Degree	C3
Operation Ambient Temperature Range	-30 °C - 50 °C ( > 45 °C Derating )
Operation humidity range	0 % - 100 % ( Non-condensing )
Maximum Operation Altitude	5000 m
Temperature Control Method	Intelligent air Cooling
Fire suppression system	FACP, FK5112, Flammable gas detector, Smoke detector, Heat detector, Sounder beacon, Alarm bell, Warning sign, Extinguishant abort button, Ventilation system, Pressure relief port, Manual automatic switching and emergency starting device(Default) Sprinkler, Vent panel, Aerosol ( Optional )
Communication	Ethernet

IEC61000, IEC62619, UN38.3.CE, IEC62477

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