

MU Max Series

C&I Outdoor Liquid-cooling Energy Storage Cabinet 125kW/262kWh



Small size, big capacity

- Occupying 1.28 square meters;
an increase of 21% in capacity density



Good-quality cells assure trustworthy products

- 315Ah cells feature superb safety, long life cycle, and high energy efficiency
- Cell energy efficiency $\geq 95\%$, with cycle life up to 12,000 times



High efficiency and performance

- System efficiency $> 90\%$
- Temperature difference of cells $< 2.4^{\circ}\text{C}$ in a whole cabinet



Modular design; easy power station construction

- Multiple cabinets connected in parallel side by side; centralized control
- EMS generates optimal operation strategy; pre-commissioning in factory; plug and play on site



Adaptive to harsh environments

- Free from impacts of extreme cold and heat
- Intelligent dehumidification inside cabinets to eliminate condensing risks

Product Model	MU M10
Cell parameters	
Type	LFP 315Ah
Cell configuration	1P260S
DC side rated energy	262 kWh
Voltage range	650 V~949 V
PCS parameters	
Rated output power	125 kW
Max. output power	138 kW
Current distortion rate	< 2% (rated power)
Rated power grid voltage	230 Vac/ 400 Vac
Allowable voltage deviation	-15% ~ +15%
Max. current	200 A
Rated power grid frequency	50 Hz/60 Hz
DC component	< 0.5%
Overload capacity	110% long-term
System parameters	
Dimensions (W*D*H)	950 mm*1350 mm*2400 mm
Weight	2500 kg
Max. round-trip efficiency	90%
Level of protection	IP54
Auxiliary power supply	Self-powered
Anti-corrosion grade	C4-M
Operating humidity range	0% ~ 95% (non-condensing)
Operating temperature range	-30°C ~ +55°C (derated when the operating temperature is over 45°C)
Max. working altitude	4000m (derated when the operating altitude is over 2000m)
Cooling method	Liquid cooling
Fire protection	Pack-level aerosol + cabinet-level aerosol
Communication interface	4G/RS485/LAN
Communication protocol	Modbus TCP

*Subject to actual delivery