

Outdoor Liquid Cooling Energy Storage AIO Cabinet

EBIL-125kW/261kWh

0.5P/314Ah



Active Safety

- Tier one brand long-life LFP battery cells with over 8000 cycles.
- Pack level intelligent fire protection, intelligent explosion venting design.
- Support off grid load and provide backup power for important loads.

Simple and Flexible

- Intelligent string architecture increases available capacity by 8%.
- Three level topology design, overall cycle efficiency>90%.
- Liquid cooled temperature control design, battery pack temperature difference<2.5 °C, auxiliary power consumption reduced by 30%, system life extended by 2 years+.

Intelligent and Efficient

- All in one design, grid connection upon landing, no debugging required.
- Building block style expansion, supporting up to 10 parallel machines.
- 314Ah high-energy density battery cell reduces system footprint by 50%, 0.4kV low-voltage grid connection, efficient delivery.

Specification

Model	EBIL-125kW/261kWh	
DC	System rated capacity (kWh)	125/261
	Battery type	LFP3.2V/314Ah
	Capacity of PACK (kWh)	52.25
	Configuration	1P260S
	Battery voltage range (Vdc)	650~949
	Charge and discharge rate	0.5P
AC	Rated AC power	125kW@45°C
	Rated grid voltage (Vac)	400
	Grid voltage range (Vac)	320~460
	Rated grid frequency (Hz)	50/60 (±5)
	AC Connection	3L + N + PE
Basic	Max. efficiency	90%
	Cycle life	6000 times (0.5P, 25°C, @70%EOL, 90%DOD)
	Dimensions (W*D*H)	1100*1300*2343mm
	weight (t)	2.7
	Surge protection	DC Type II / AC Type II
	Grid & backup switching time (ms)	< 100
	Pollution level	2
	Installation type	Outdoor
	Cooling system	Intelligent liquid cooling
	Protection level	IP55
	Maximum working altitude (m)	3000 (>2000 derating)
	Operating temperature range (°C)	-35~55 (> 45 Derating)
	Operating humidity range	0~95% (non-condensing)
	Firefighting	Perfluorohexane
	Communication Interface	RS485/Ethernet/4G
Display	LED + Web + App	
Standard and Certification	IEC 62477/IEC 61000/IEC 62619/UN38.3	

*For reference only, actual product drawings shall prevail