

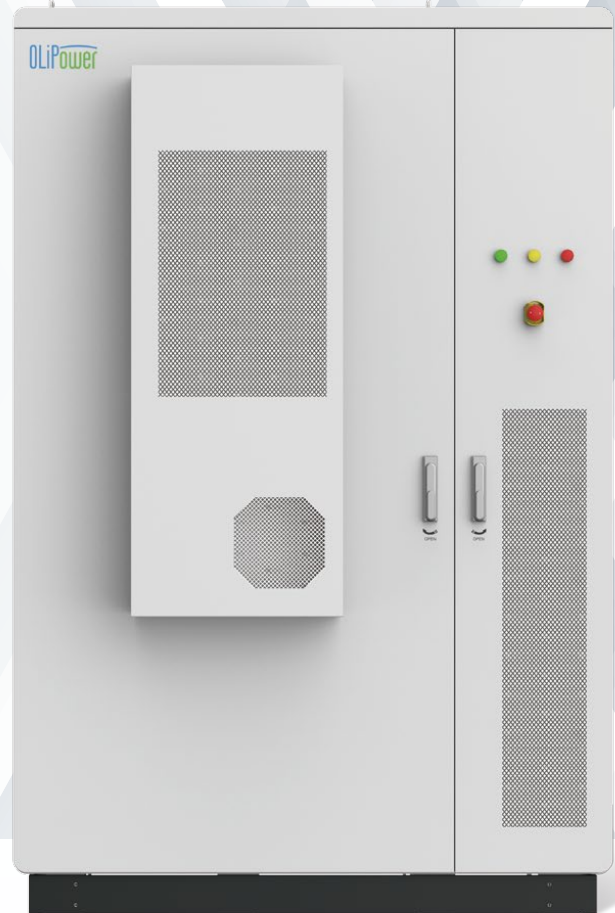


OLP-EIB

125kW/241kWh

Air-cooled Energy Storage Integrated Cabinet

The OLP-EIB series energy storage integrated cabinets are meticulously developed by OLiPower, which is experienced in power electronics, automation, IoT, and AI technologies. The OLP-EIB are on grid energy storage products designed for C&I, EV charging station, public buildings and so on. They have functions like peak shaving, peak & frequency regulation, transformer expansion, and smoothing renewable energy fluctuations, providing users with safe, reliable, economical, and efficient green electricity.



PRODUCT FEATURES

Extreme Safety

- Self-developed BMS, EMS, and cloud platform to achieve three-level electrical protection of "Pack - Cluster - Cabinet".
- Comprehensive fire detection and multiple fire protection. The entire cabinet, detected by combustible gas, smoke and temperature sensor, is equipped with perfluorohexanone fire extinguishing system.

Intelligent & Efficient Operation

- Designed with high energy density to save more space.
- The annual availability rate is $\geq 95\%$, and the comprehensive cycle efficiency is $\geq 85\%$.
- The cell life is up to 10 years and 6000 cycles.

Smart Maintenance

- Providing the function of demand control, anti-backflow and transformer overload protection to make the on-grid operating safely.
- Providing all-time cloud monitoring, remote configuration, and OTA to keep the system in the best condition.
- Automatically generate daily/monthly operation reports.

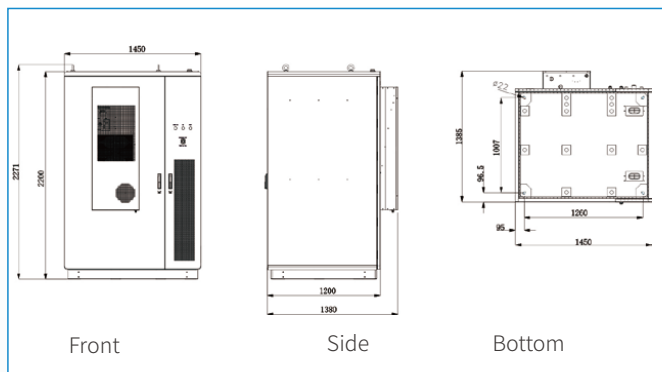
Flexible Deployment

- Support to be installed by hoisting and forklift, and available for side-by-side deployment.
- Flexible capacity expansion, up to 1.25MW/2.41MWh, with 10 systems operating in parallel.
- Pre-installation and commissioning in the factory, plug-and-play on-site.

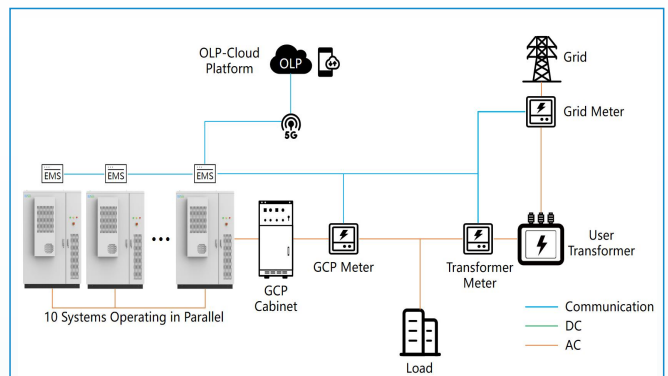
TECHNICAL PARAMETER

Model	OLP-EIB-V768_E241_P125-AO	
Battery System	Cell Type	LFP
	Cell Parameter	3.2V/314Ah
	Cell Configuration	1P240S
	Rated Energy	241kWh
	Rated Voltage	768V
	Voltage Range	672 ~ 876V
	Rated Current	157A
	Max. Current	200A
On-grid	Rated Power	125kW
	Rated Voltage	3W+PE/3W+N+PE; 230/400V
	Max. Current	200A
	Frequency	50/60Hz
	Power Factor	0.99 (1leading ~ 1lagging)
	Harmonic	<2% @ Rated Power
System Parameters	Thermal Management	Air-conditioner
	Fire Suppression System	Combined detector (CO/Heat/Smoke), Perfluorohexanone / Aerosol
	Communication	LAN/4G
	Dimension(W*D*H)	1450*1380*2200(mm)
	Weight	2525kg
	IP Rating	IP54
	Working Temperature	-20 ~ 50°C
	Humidity	0~95%RH(No condensation)
	Altitude	≤3000m
	Certification	UN38.3; IEC62619; IEC61000;IEC62040

INSTALLATION DIMENSIONS



TYPICAL APPLICATION



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*OLiPower reserves the right of final interpretation, and is subject to modify without prior notice.

OLP-EIB-V768_E241_P125-AO01-V1.0



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