

FLEX 261 AIO*

All-in-one Liquid Cooling Outdoor Cabinet ESS

◆ Tier-1 LFP Cells

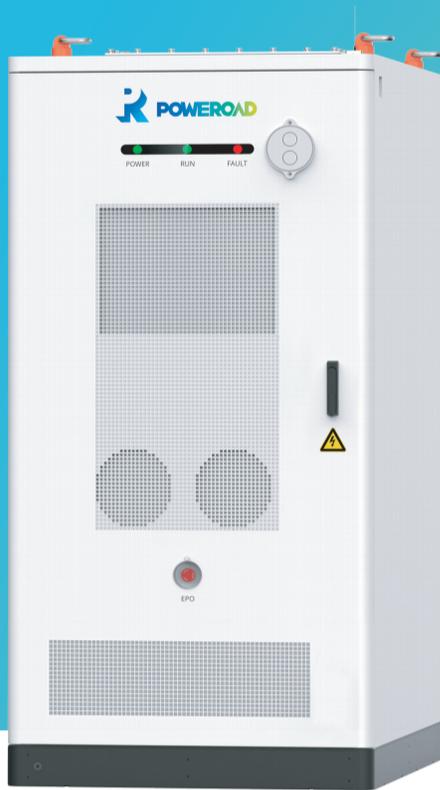
Sourcing from renowned cell suppliers to ensure superior cell consistency

⚙️ Intelligent Liquid Cooling

Cell temperature difference $\leq 3^{\circ}\text{C}$ across the entire cabinet

📦 Modular Design

Supports multiple battery racks in parallel to meet expansion requirements

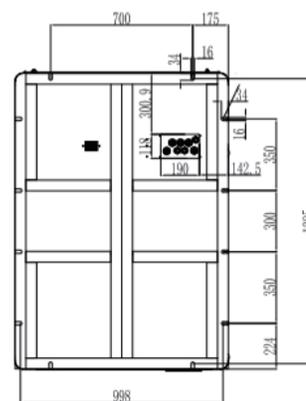
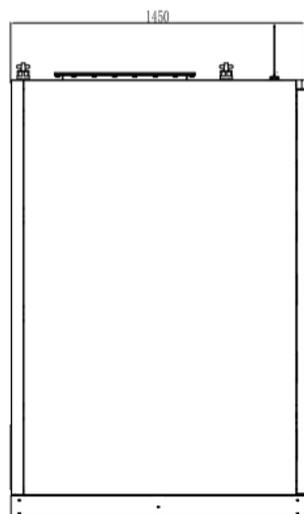
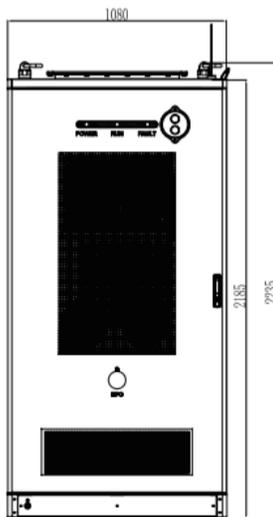


❄️ -30°C to 50°C Operation Temperature

📊 Active Balancing BMS

🛡️ High Energy Density

📄 Built-in PCS



Unit: mm

*AIO: All-in-one design integrates Battery & PCS

FLEX 261 AIO PARAMETERS

AC Parameters	Rated Power	125 kW
	Maximum Power	137.5 kW
	Grid Type	3P+N+PE
	Rated Grid Voltage	400 V
	Grid Frequency	50 / 60 Hz
	EMC & Safety Standards	IEC/EN 62477, EN/IEC 61000
	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11, VDE 4110, AS4777
DC Parameters	Rated Voltage	832 V
	Voltage Range	728 ~ 936 V
	Rated Energy	261.245 kWh
	Battery Cell	LFP 314 Ah
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-30 ~ 50 °C (derating from 45°C)
	Storage Temperature	-30 ~ 60 °C
	Altitude	2000 m (>2000 m derating)
	Relative Humidity	5 ~ 95% (No Condensing)
	Cooling Method	Liquid Cooling
	Communication	MODBUS
	Dimensions (W × D × H)	1080 × 1450 × 2235 mm
Weight	2600 kg	



POWERROAD Renewable Energy Co., Ltd.

📍 18th Floor, F5 Building, Xiamen Software Park III, Jimei District, Xiamen, Fujian, China 361023
☎ +86 592 5558101
✉ sales@poweroad.com
🌐 www.poweroad.com