

EnerGalactic-2418-Na

昆宇电源
COSPOWERS

应用领域：

- 用户侧C&I工商业储能的峰谷套利, 后备电源
- 风光新能源电站的削峰填谷平滑输出
- 电网侧调频调峰, 配电网变压器容量扩容



全舱温差
<5℃



三级消防
高安全性



高能量密度
灵活布置及扩容



模块化预制
无需现场安装

参数/型号		EnerGalactic-2418-Na	
电池模块	电芯容量	170Ah-Na ⁺	
	模块成组	1P52S	1P104S
	模块标称电压	148.2V	296.4V
	模块能量	25.194kWh	50.388kWh
	防护等级	IP67	
电池簇	模块数量	8pcs	4pcs
	电池簇标称电压	DC1185.6V	
	电压范围	624~1456V	
	单簇能量	201.552kWh	
电池舱	电池簇数量	12pcs	
	电池系统电量	2418kWh	
	尺寸(W*D*H)	6058*2438*2896mm	
	重量	≤43t	
	冷却方式	Liquid Cooling	
	防护等级	IP54	
其他参数	符合标准	IEC62619、UL1973、UL9540A、UN38.3	



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Application Field:

- Peak-valley arbitrage and backup power for customer-side C&I commercial and industrial energy storage;
- Peak shaving, valley filling, and output smoothing for renewable energy stations (wind and solar);
- Grid-side frequency regulation, peak shaving, and distribution network transformer capacity expansion.



Temperature difference across the entire cabinet < 5°C



Three-tier fire protection, high safety



High energy density, flexible layout and scalability



Modular prefabrication, no on-site installation required

Parameters/ Model		EnerGalactic-2418-Na	
Battery Module	Cell Capacity	170Ah-Na ⁺	
	Module Configuration	1P52S	1P104S
	Module Nominal Voltage	148.2V	296.4V
	Module Energy	25.194kWh	50.388kWh
	Protection Level	IP67	
Battery Rack	Number of Modules	8pcs	4pcs
	Battery Rack Nominal Voltage	DC1185.6V	
	Voltage Range	624~1456V	
	Single Rack Energy	201.552kWh	
Battery Enclosure	Number of Battery Racks	12pcs	
	Battery System Energy	2418kWh	
	Dimensions (W*D*H)	6058*2438*2896mm	
	Weight	≤43t	
	Cooling Method	Liquid Cooling	
	Protection Level	IP54	
Other Parameters	Compliance Standards	IEC62619、UL1973、UL9540A、UN38.3	



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