

EnerGalactic-5015-0.5C



昆宇电源
COSPOWERS

应用领域：

- 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
- 用户侧C&I工商业储能的峰谷套利，后备电源



全舱温差
≤3℃



PACK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-5015-0.5C	
电池模块	电芯容量	314Ah-LFP	
	模块成组	1P52S	1P104S
	模块标称电压	166.4V	332.8V
	模块能量	52.2496kWh	104.499kWh
	防护等级	IP67	
电池簇	模块数量	8pcs	4pcs
	电池簇标称电压	DC1331.2V	
	电压范围	1164.8~1476.8V	
	单簇能量	417.997kWh	
电池舱	电池簇数量	12pcs	
	电池系统电量	5015kWh	
	尺寸(W*D*H)	6058*2438*2896mm	
	重量	≤43t	
	冷却方式	液冷	
	防护等级	IP54	
其他参数	符合标准	IEC62619、IEC63056、UL1973、UL9540、UL9540A、UN38.3、UN3536、RoHS、EN 61000-6-2、EN 61000-6-4、EN 62477-1	



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Application Field:

- 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;
- Peak-valley arbitrage and backup power for customer-side C&I commercial and industrial energy storage.



Temperature variation within the entire cabinet < 3°C



PACK-level fire protection for high safety



High energy density, flexible layout, and expandability



Modular prefabrication, no on-site installation required

Parameters/ Model		EnerGalactic-5015-0.5C	
Battery Module	Cell Capacity	314Ah-LFP	
	Module Configuration	1P52S	1P104S
	Module Nominal Voltage	166.4V	332.8V
	Module Energy	52.2496kWh	104.499kWh
	Protection Level	IP67	
Battery Rack	Number of Modules	8pcs	4pcs
	Battery Rack Nominal Voltage	DC1331.2V	
	Voltage Range	1164.8~1476.8V	
	Single Rack Energy	417.997kWh	
Battery Enclosure	Number of Battery Racks	12pcs	
	Battery System Energy	5015kWh	
	Dimensions (W*D*H)	6058*2438*2896mm	
	Weight	≤43t	
	Cooling Method	Liquid Cooling	
	Protection Level	IP54	
Other Parameters	Compliance Standards	IEC62619、IEC63056、UL1973、UL9540、UL9540A、UN38.3、UN3536、RoHS、EN 61000-6-2、EN 61000-6-4、EN 62477-1	



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