

EnerGalactic-5015-0.5C

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
<3°C



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	
	电池舱尺寸(W*D*H)	6058*2438*2896mm	
	重量	≤43t	
	冷却方式	液冷	
	防护等级	IP54	
其他	符合标准	IEC6219、IEC63056、UL1973、UL9540、UL9540A、UN38.3、UN3536、RoHS、EN 61000-6-2、EN 61000-6-4、EN 62477-1	



昆宇电源股份有限公司

网址: WWW.COSPOWERS.COM

地址: 山东省东营市东营区东七路28号

电话: 0546-7768891

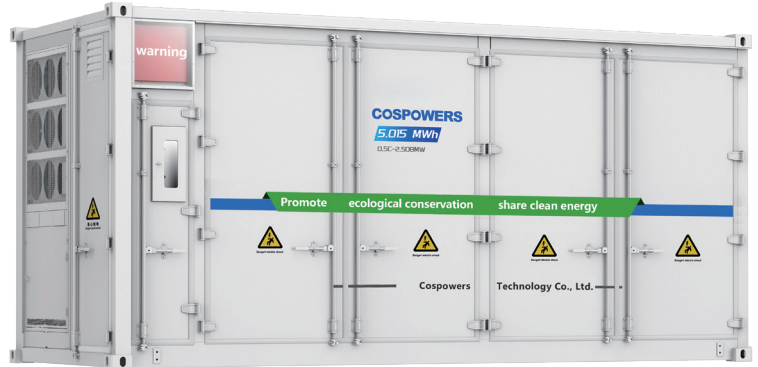
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Application Field

- Post-meter electricity market, peak-valley arbitrage and backup power supply of C&I (commercial and industrial) energy storage on the customer side.
- Peak shaving and valley filling for smooth output of wind and solar new energy power stations.
- Grid frequency regulation and peak load regulation in the pre-meter electricity market, as well as capacity expansion of distribution network transformers.



Temperature Difference
inside the Battery
Pack: <math>< 3^{\circ}\text{C}</math>



High Safety Fire
Protection at the
Pack Level



High Energy Density
for Flexible Layout
and Expansion



Modular Prefabrication
No On-site Installation
Required

Parameters/ Model		EnerGalactic-5015-0.5C	
Battery Module	Cell Capacity	314Ah (LFP)	
	Battery Pack	1P52S	1P104S
	Module Voltage	166.4V	332.8V
	Module Power	52.2496kWh	104.499kWh
	IP Class	IP67	
Battery Cluster	NOs.of Modules	8pcs	4pcs
	Cluster Nominal Voltage	DC1331.2V	
	Voltage Range	1164.8~1476.8V	
	Single Cluster Power	417.997kWh	
Battery Cabin	Nos. of Battery Clusters	12pcs	
	Battery system energy	5015kWh	
	Battery Cabin Dimension(W*D*H)	6058*2438*2896mm	
	Weight	≤43t	
	Cooling Method	Liquid Cooling	
	IP Class	IP54	
Others	Compliant with Standards	IEC62619、IEC63056、UL1973、UL9540、UL9540A、UN38.3、UN3536、RoHS、EN 61000-6-2、EN 61000-6-4、EN 62477-1	



Cospowers Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.

T: +86-546-7768891

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