

EnerGalactic-2280-0.5C

EnerGalactic-2280-1C

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°C



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-2280-0.5C	EnerGalactic-2280-1C
电池模块	电芯容量	100Ah(LFP)	
	模块成组	3P18S	
	模块标称电压	57.6V	
	模块能量	17.280kWh	
	防护等级	风冷无防护等级	
电池簇	模块数量	22pcs	
	电池簇标称电压	DC1267.2V	
	电压范围	1108.8~1405.8V	
	单簇能量	380.16kWh	
电池舱	电池簇数量	6pcs	
	电池系统电量	2280kWh	
	电池舱尺寸(W*D*H)	6058*2438*2896mm	
	重量	≤30t	
	冷却方式	风冷	
	防护等级	IP54	
符合标准	Cluster	IEC62619、UL1973、UL9540A、UN38.3	



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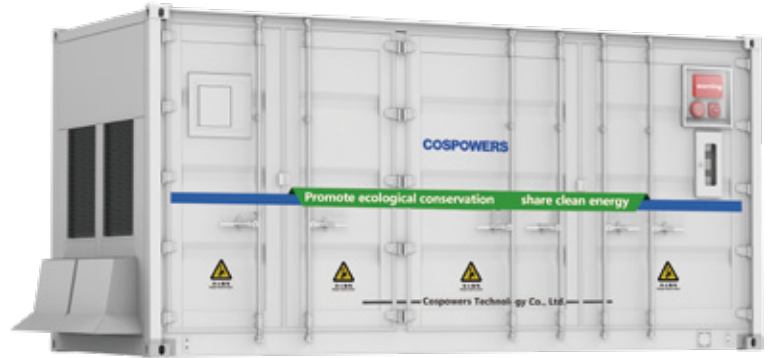
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EnerGalactic-2280-0.5C

EnerGalactic-2280-1C

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: <5°C



Triple-level Fire
Protection for
High Safety



High Energy Density
for Flexible Layout
and Expansion



Modular Prefabrication
No On-site Installation
Required

Parameters/ Model		EnerGalactic-2280-0.5C	EnerGalactic-2280-1C
Battery Module	Cell Capacity	100Ah(LFP)	
	Battery Pack	3P18S	
	Module Voltage	57.6V	
	Module Power	17.280kWh	
	IP Class	Air-cooled, no protection rating	
Battery Cluster	NOs.of Modules	22pcs	
	Cluster Nominal Voltage	DC1267.2V	
	Voltage Range	1108.8~1405.8V	
	Single Cluster Power	380.16kWh	
Battery Cabin	Nos. of Battery Clusters	6pcs	
	Battery system energy	2280kWh	
	Battery Cabin Dimension(W*D*H)	6058*2438*2896mm	
	Weight	≤30t	
	Cooling Method	Air cooling	
	IP Class	IP54	
Compliant with Standards	Cluster	IEC62619、UL1973、UL9540A、UN38.3	



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