

EnerGalactic-2980-1C

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-2980-1C
电池模块	电芯容量	280Ah
	模块成组	1P52S
	模块标称电压	166.4V
	模块能量	46.59kWh
	防护等级	IP67
电池簇	模块数量	8pcs
	电池簇标称电压	1331.2V
	电压范围	1164.8~1476.8V
	单簇能量	372.73kWh
电池舱	电池簇数量	8pcs
	电池系统电量	2981kWh
	电池舱尺寸(W*D*H)	6058*2438*2896mm
	重量	≤33t
	冷却方式	液冷
	防护等级	IP54
符合标准	Cluster	IEC62619、UL1973、UL9540A、UN38.3



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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>< 5^{\circ}\text{C}</math>



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-2980-1C
Battery module	Cell Capacity	280Ah
	Battery Pack	1P52S
	Module Voltage	166.4V
	Module Power	46.59kWh
	IP Class	IP67
Battery cluster	NOs.of Modules	8pcs
	Cluster Nominal Voltage	1331.2V
	Voltage Range	1164.8~1476.8V
	Single Cluster Power	372.73kWh
Battery cabin	Nos. of Battery Clusters	8pcs
	Battery system energy	2981kWh
	Battery Cabin Dimension (W*D*H)	6058*2438*2896mm
	Weight	$\leq 33\text{t}$
	Cooling Method	Liquid cooling
	IP Class	IP54
Compliant with Standards	Cluster	IEC62619, UL1973, UL9540A, UN38.3



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