

EnerGalactic-3727-1C

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
≤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-3727-1C
电池模块	电芯容量	280Ah-LFP
	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	DC1331.2V
	电压范围	1164.8~1476.8V
	单簇能量	372.73kWh
电池舱	电池簇数量	10pcs
	电池系统电量	3727kWh
	尺寸(W*D*H)	6058*2438*2896mm
	重量	≤39t
	冷却方式	液冷
	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 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 difference
across the entire
cabinet < 5°C



Three-tier fire
protection, high safety



High energy density,
flexible layout and
scalability



Modular prefabrica-
tion, no on-site
installation required

Parameters/ Model		EnerGalactic-3727-1C
Battery Module	Cell Capacity	280Ah-LFP
	Module Configuration	1P52S
	Module Nominal Voltage	166.4V
	Module Energy	46.59kWh
	Protection Level	IP67
Battery Rack	Number of Modules	8pcs
	Battery Rack Nominal Voltage	DC1331.2V
	Voltage Range	1164.8~1476.8V
	Single Rack Energy	372.73kWh
Battery Enclosure	Number of Battery Racks	10pcs
	Battery System Energy	3727kWh
	Dimensions (W*D*H)	6058*2438*2896mm
	Weight	≤39t
	Cooling Method	Liquid Cooling
	Protection Level	IP54
Other Parameters	Compliance Standards	IEC62619、UL1973、UL9540A、UN38.3



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