

0.5C-2.813MW/5.627MWh

昆宇电源
COSPOWERS



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		2.813MW / 5.627MWh
电池模块	电芯容量	314Ah
	模块成组	1P20S
	模块标称电压	64V
	模块能量	20.096kWh
	尺寸(W*D*H)	420*880*235mm
电池簇	模块数量	20pcs
	电池簇标称电压	1280V
	电压范围	1120.0~1420.0V
	单簇能量	401.920kWh
	电池架尺寸(W*D*H)	972*1157*2480mm
电池舱	电池簇数量	14pcs
	电池系统电量	5.627MWh
	电池舱尺寸	40/45尺
	冷却方式	风冷
	防护等级	IP54



昆宇电源股份有限公司

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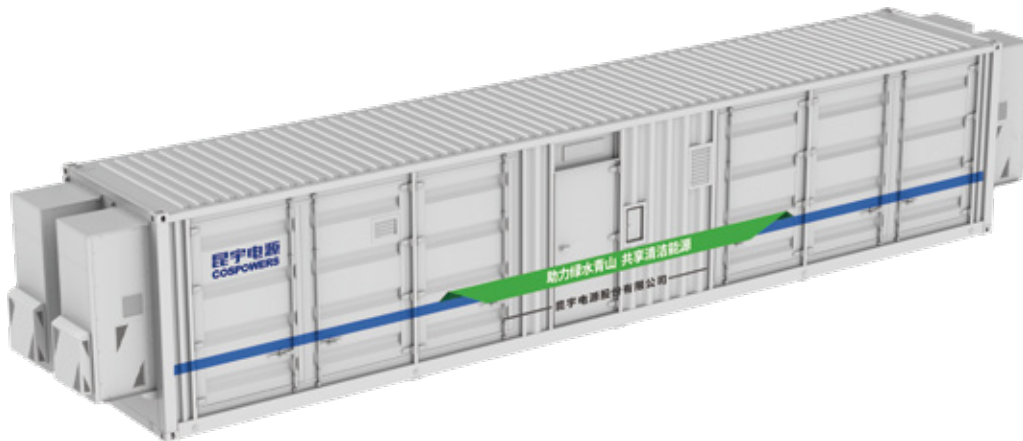
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COSPOWERS



Temperature Difference
inside the Battery
Pack: <math><5^{\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		2.813MW/5.627MWh
Battery Module	Cell Capacity	314Ah
	Battery Pack	1P20S
	Module Voltage	64V
	Module Power	20.096kWh
	Size	420*880*235mm
Battery Cluster	NOs.of Modules	20pcs
	Cluster Nominal Voltage	1280V
	Voltage Range	1120.0~1420.0V
	Single Cluster Power	401.920kWh
	Battery Rack Dimension	972*1157*2480mm
Battery Cabin	Nos. of Battery Clusters	14pcs
	Battery system energy	5.627MWh
	Battery Cabin Dimension	40/45-foot
	Cooling Method	Air cooling
	IP Class	IP54



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