

0.5C-1.677MW/3.355MWh  
0.5C-1.881MW/3.762MWh

昆宇电源  
COSPOWERS



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		1.677 MW / 3.355 MWh	1.881 MW / 3.762 MWh
电池模块	电芯容量	280Ah	314Ah
	模块成组	1P52S	1P52S
	模块标称电压	166.4V	166.4V
	模块能量	46.592kWh	52.2496kWh
	尺寸(W*D*H)	855*1157*252mm	855*1087*252mm
	防护等级	IP67	IP67
电池簇	模块数量	8pcs	8pcs
	电池簇标称电压	1331.2V	1331.2V
	电压范围	1164.8~1476.8V	1164.8~1476.8V
	单簇能量	372.736kWh	417.997kWh
	电池架尺寸(W*D*H)	972*1157*2480mm	972*1157*2480mm
电池舱	电池簇数量	9pcs	9pcs
	电池系统电量	3.355MWh	3.762MWh
	电池舱尺寸	20尺	20尺
	冷却方式	液冷	液冷
	防护等级	IP54	IP54



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**COSPOWERS**



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		1.677 MW / 3.355 MWh	1.881 MW / 3.762 MWh
Battery Module	Cell Capacity	280Ah	314Ah
	Battery Pack	1P52S	1P52S
	Module Voltage	166.4V	166.4V
	Module Power	46.592kWh	52.2496kWh
	Size	855*1157*252mm	855*1087*252mm
	IP Class	IP67	IP67
Battery Cluster	NOs.of Modules	8pcs	8pcs
	Cluster Nominal Voltage	1331.2V	1331.2V
	Voltage Range	1164.8~1476.8V	1164.8~1476.8V
	Single Cluster Power	372.736kWh	417.997kWh
	Battery Rack Dimension	972*1157*2480mm	972*1157*2480mm
Battery Cabin	Nos. of Battery Clusters	9pcs	9pcs
	Battery system energy	3.355MWh	3.762MWh
	Battery Cabin Dimension	20-foot	20-foot
	Cooling Method	Liquid cooling	Liquid cooling
	IP Class	IP54	IP54



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