

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 variation within the entire cabinet < 3°C



PACK-level fire protection for high safety



High energy density, flexible layout, and expandability



Modular prefabrication, no on-site installation required

Parameters/ Model		EnerGalactic-5015-0.5C	
Battery Module	Cell Capacity	314Ah-LFP	
	Module Configuration	1P52S	1P104S
	Module Nominal Voltage	166.4V	332.8V
	Module Energy	52.2496kWh	104.499kWh
	Protection Level	IP67	
Battery Rack	Number of Modules	8pcs	4pcs
	Battery Rack Nominal Voltage	DC1331.2V	
	Voltage Range	1164.8~1476.8V	
	Single Rack Energy	417.997kWh	
Battery Enclosure	Number of Battery Racks	12pcs	
	Battery System Energy	5015kWh	
	Dimensions (W*D*H)	6058*2438*2896mm	
	Weight	≤43t	
	Cooling Method	Liquid Cooling	
	Protection Level	IP54	
Other Parameters	Compliance Standards	IEC62619、IEC63056、UL1973、UL9540、UL9540A、UN38.3、UN3536、RoHS、EN 61000-6-2、EN 61000-6-4、EN 62477-1	



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