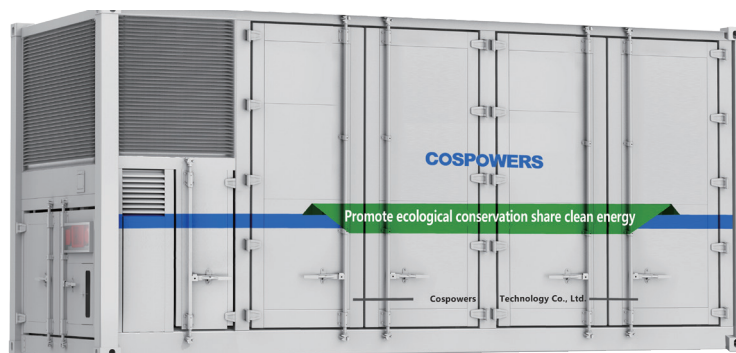


Celestial Energy-3.34-0.5C series

COSPOWERS

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.



Modular Standard Design



Multiple Protection Systems



Efficient Installation and Commissioning of AC/DC Integrated Systems



Intelligent Operation and Maintenance

Parameters/ Model		Celestial Energy 1.67-0.5C	Celestial Energy 2.09-0.5C	Celestial Energy 2.5-0.5C	Celestial Energy 2.92-0.5C	Celestial Energy 3.34-0.5C
DC side parameters	Cell Capacity	314Ah(LFP)				
	Module Structure	1P52S				
	Module quantity in single cluster	8pcs				
	Nos. of Battery Clusters	8pcs				
	Battery system power	1671kWh	2089kWh	2507kWh	2925kWh	3343kWh
	Voltage Range	1164.8~1476.8V				
AC side parameters	Rated grid voltage	4*200kW	5*200kW	6*200kW	7*200kW	8*200kW
	Wiring Mode	AC690V				
	Rated grid frequency	3W+PE				
	Rated AC power	50/60Hz				
	solution mode	No isolation transformer				
System level parameters	Operating temperature	-30~55°C				
	Ambient Humidity	0~95%(no condensation)				
	Working Altitude	2000m				
	Communication method	Ethernet, RS485, Optional 4G/5G Mobile Communication				
	Protection level	IP54				
	Cooling Method	Liquid cooling				
	Noise	≤75dB				
	Fire protection system	Heptafluoropropane/Perfluorohexanone compartment level/Aerosol ten water fire protection + combustible gas detection +explosion-proof ventilation system				
	Size(W*D*H)	6058*2438*2896mm				
	Weight	17t	20t	24t	27t	30t
Compliant with Standards	Cluster	IEC62619, UL1973, UL9540A, UN38.3				
	PCS	UL1741、EN50549、VDE4110、VDE4120、VDE4130、GB/T34120、GB/T36547...				



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