

# Celestial Energy-3340-0.5C

**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-3340-0.5C
DC side parameters	Cell Capacity	314Ah
	Module Structure	1P52S
	Module quantity in single cluster	8pcs
	Nos. of Battery Clusters	8pcs
	Battery system power	3340kWh
	Voltage Range	1164.8~1476.8V
AC side parameters	Rated grid voltage	8*200kV
	Wiring Mode	690V
	Rated grid frequency	3W+PE
	Rated AC power	50/60Hz
	Isolation 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	≤65dB
	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
Compliant with Standards	Weight	30t
	Cluster	IEC62619、UL1973、UL9540A、UN38.3
	PCS	UL1741、EN50549、VDE4110、GB/T34120、GB/T36547



Cospowers Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.

T: +86-546-7768891

Copyright and final interpretation rights belong to Cospowers Technology Co., Ltd.