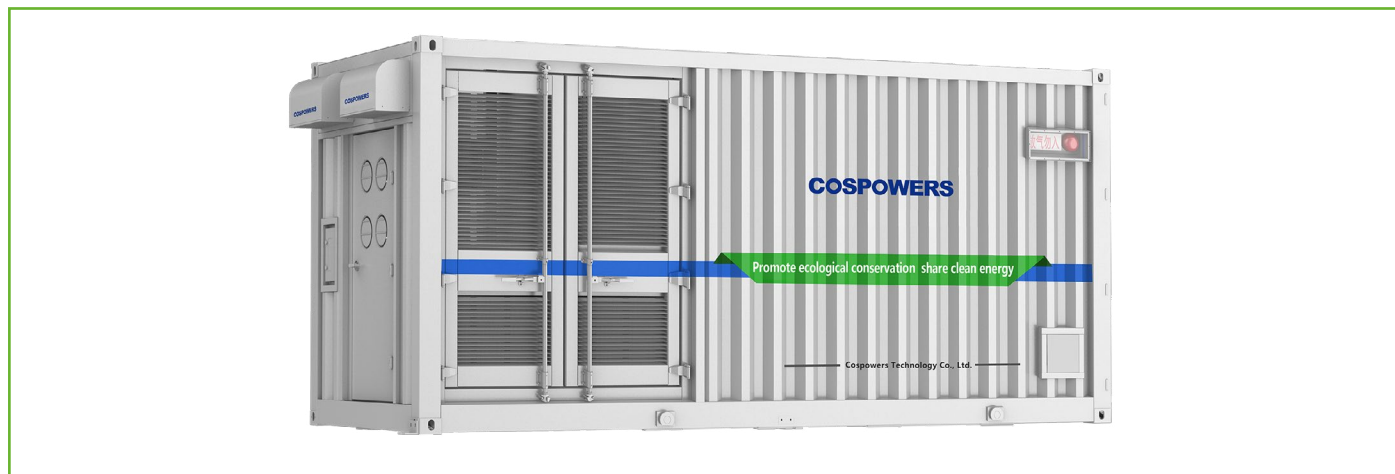


CELESTIAL ENERGY 500 KW / 1036

CELESTIAL ENERGY 500 KW / 1066



Flexible expansion, one machine multi-effect matching a variety of application scenarios



Multiple protection systems



Highly integrated design AC and DC integrated



Fingertip monitoring and cloud maintenance

Parameters/model		Celestial Energy 500 kW / 1036 kWh	Celestial Energy 500 kW / 1066 kWh
DC side parameters	Cell capacity	100 Ah	280 Ah
	Module structure	3P18S	1P14S
	Module quantity in single cluster	12 pcs	17 pcs
	Nos of battery clusters	5 pcs	5 pcs
	Battery system power	1036 kWh	1066 kWh
	Voltage range	604.8 ~ 766.8 V	666.4 ~ 844.9 V
AC-side parameters	Rated grid voltage	500 kW	
	Wiring mode	AC 400 / 230 V	
	Rated grid frequency	3W+N+PE	
	Rated AC power	50 / 60 Hz	
	Solution mode	no isolation transformer	
System levels parameters	Operating temperature	-30 ~ 55 °C	-40 ~ 50 °C
	Ambient humidity	0 ~ 95 % (no condensation)	
	Working altitude	2000 m	
	Communication method	Ethernet, RS485, optional 4G / 5G mobile communication	
	Protection level	IP 54	
	Cooling method	Air cooling	
	Noise	≤ 65 dB	
	Fire protection system	Heptafluoropropane / Perfluorohexanone compartment level / aerosol ten water fire protection + combustible gas detection + explosion proof ventilation system	
	Size (W x D x H)	2438 x 2896 x 6058 mm	
	Weight	15 t	14 t