

PowerEco-100kW/200kWh-Na

COSPOWERS

Application Field
Microgrid, Industrial Park,
Industrial Estate



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

NA⁺

Utilizes sodium-ion batteries with excellent high and low temperature performance



Highly integrated design AC and DC integrated



Touchscreen monitoring and cloud-based maintenance

Parameters/ Model		PowerEco-100kW/200kWh
DC Side Parameters	DC Bus Maximum Voltage	1500V
	DC Side Maximum Current	212A
	DC Voltage Operating Range	600~1500V
AC Grid-tied Parameters	Maximum Input Apparent Power	115kVA
	Maximum Input Active Power	100kW
	Rated Input Voltage	400 (±15%) Vac, 3P3W+PE
	Maximum Continuous Input Current	198A
AC Off-grid Parameters	Rated Input Frequency	50Hz
	AC Off-grid Voltage	400V, 3P3W+PE
	Maximum Continuous Output Current	198A
Battery Parameters	AC Off-grid Frequency	50Hz
	Cell Capacity	170Ah-Na ⁺
	Rated Energy	201kWh
	Nominal Voltage	1185.6V
	Operating Voltage Range	624~1456V
System level Parameters	C-rate	≤0.5C
	Human-Machine Interface	7-inch LCD Touch Screen
	Fire Protection System	Perfluorohexanone Fire Extinguishing
	Cooling Method	Liquid Cooling
	Operating Temperature	-40~55°C
	Protection Level	IP54
	Dimensions (W*D*H)	1400*1400*2350mm
Weight	<3000Kg	
Other Parameters	Certifications	Under Certification



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