

PowerEco-100kW/200kWh-Na

COSPOWERS

Application Field

Microgrid、Industrial Park、
Industrial Estate



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



Sodium-ion batteries



highly integrated
design AC and DC
integrated



fingertip monitoring
cloud maintenance

Parameters/ Model		PowerEco-100kW/200kWh
DC side parameter	Max Voltage	1500V
	Max Current	212A
	Voltage Range	600~1500V
AC grid connection parameter	Max. Apparent Output	115kVA
	Max. Input Active Power	100kW
	Nominal Voltage	400 ($\pm 15\%$) Vac, 3P3W+PE
	Max. Input Current	198A
	Nominal Input Frequency	50Hz
AC off-grid parameter	Nominal Voltage	400V, 3P3W+PE
	Max Output Current	198A
	Nominal Frequency	50Hz
Battery parameters	Cell Capacity	170Ah (Na ⁺)
	Capacity	201kWh
	Nominal Voltage	1185.6V
	Voltage Range	624~1456V
	C Rate	$\leq 0.5C$
System level parameters	HMI	7 Inch touch screen
	Fire Safety	Perfluorohexanone
	Cooling Method	Liquid Cooling
	Operating Temp.	-40~55°C
	IP Degree	IP54
	Dimension(W*D*H)	1400*1400*2350mm
	Weight	<3000Kg
Others	Certification	IEC62619、CE-EMC、CE-LVD、CE-RED



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