

# PowerEco-250kW/522kWh

**COSPOWERS**

Application Field:  
Commercial Buildings, Industrial  
Parks, Large-scale Industrial  
Zones



Flexible Expansion, Multi-functional  
in One Unit, Adaptable to Various  
Application Scenarios



Multiple Protection  
Systems



Highly Integrated Design  
with AC/DC Integration



Touchscreen Monitoring  
and Cloud-Based  
Maintenance

Parameters/ Model		PowerEco-250kW/522kWh
DC Side Parameter	DC Bus Maximum Voltage	950V
	DC Side Maximum Current	406A
	DC Voltage Operating Range	650~950V
AC Grid-tied Parameters	Maximum Input Apparent Power	275kVA
	Maximum Input Active Power	250kW
	Rated Input Voltage	400Vac, 3P3W+PE/3P4W+PE
	Maximum Continuous Input Current	400A
AC Off-grid Parameters	Rated Input Frequency	50/60Hz
	AC Off-grid Voltage	400V, 3P3W+PE/3P4W+PE
	Maximum Continuous Output Current	416A
Battery Parameters	AC Off-grid Frequency	50/60Hz
	Cell Capacity	314Ah-LFP
	Rated Energy	522kWh
	Nominal Voltage	832V
System level Parameters	Operating Voltage Range	728~910V
	C-rate	≤0.5C
	HMI	7-inch LCD Touch Screen
	Fire Protection System	Perfluorohexanone Fire Extinguishing / Aerosol Fire Extinguishing
	Cooling Method	Liquid Cooling
	Operating Temperature	-20~55°C
	Protection Level	IP54
Dimensions (W*D*H)	2400*1400*2300mm	
Other Parameters	Weight	<4600Kg
	MPPT Module	50kW*4 (Optional)
	Certifications	Cell:IEC62619,UL1973,UL9540A,UN38.3,RoHS,MSDS,Pack:UL9540A,UN38.3



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