

PowerEco-250kW/522kWh

Products Compliant with Chinese Standards

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
	Rated Input Frequency	50/60Hz
AC Off-grid Parameters	AC Off-grid Voltage	400V, 3P3W+PE/3P4W+PE
	Maximum Continuous Output Current	416A
	AC Off-grid Frequency	50/60Hz
Battery Parameters	Cell Capacity	314Ah-LFP
	Rated Energy	522kWh
	Nominal Voltage	832V
	Operating Voltage Range	728~910V
	C-rate	≤0.5C
System level Parameters	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)	1950*1350*2300mm
	Weight	<4600Kg
Other Parameters	MPPT Module	50kW*4 (Optional)
	Certifications	IEC62619、CE-LVD、CE-EMC



Cospowers Technology Co., Ltd.
W: WWW.COSPOWERS.COM
A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.
T: +86-546-7768891
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