

PowerEco-250kW/522kWh-EU

EU Standard Certification

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-EU
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



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