

PowerEco-100kW/200kWh

Application Field:
Commercial Buildings, Industrial
Parks, 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-100kW/200kWh
DC Side Parameters	DC Bus Maximum Voltage	950V
	DC Side Maximum Current	171A
	DC Voltage Operating Range	650~950V
AC Grid-tied Parameters	Maximum Input Apparent Power	115.5kVA
	Maximum Input Active Power	105kW
	Rated Input Voltage	400Vac, 3P3W+PE/3P4W+PE
	Maximum Continuous Input Current	167A
AC Off-grid Parameters	Rated Input Frequency	50/60Hz
	AC Off-grid Voltage	400V, 3P3W+PE/3P4W+PE
	Maximum Continuous Output Current	167A
Battery Parameters	AC Off-grid Frequency	50/60Hz
	Cell Capacity	100Ah-LFP
	Rated Energy	224kWh
	Nominal Voltage	748.8V
	Operating Voltage Range	655.2~819V
System level Parameters	C-rate	≤0.5C
	HMI	7-inch LCD Touch Screen
	Fire Protection System	Aerosol Fire Suppression
	Cooling Method	Air Cooling
	Operating Temperature	-20~55°C
	Protection Level	IP54
	Dimensions (W*D*H)	<1600*1100*2200mm
Weight	<2700Kg	
Other Parameters	MPPT Module	100kW (Optional)
	STS Module	200kW (Optional)
	Certifications	IEC62619, CE-EMC, CE-LVD, CE-RED



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