

PowerEco-50kW/100kWh

COSPOWERS

Application Field:
Microgrids, 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-50kW/100kWh
PV side Parameters	Number of PV Inputs	1 Channel
	PV Input Voltage	300~850V
	PV Maximum Input Current	200A
	MPPT Power	50kW
AC Grid-tied Parameters	Maximum Input Apparent Power	50kVA
	Maximum Input Active Power	50kW
	Rated Input Voltage	220/380V,3P4W+PE
	Maximum Continuous Input Current	86A
	Rated Input Frequency	50Hz
AC Off-grid Parameters	AC Off-Grid Voltage	220/380, 3P4W+PE
	Maximum Continuous Output Current	86A
	AC Off-Grid Frequency	50Hz
Battery Parameters	Battery Type	LFP
	Rated Energy Capacity	103KWh
	Nominal Voltage	345.6V
	Operating Voltage Range	302~378V
	C-Rate	≤0.5C
System level Parameters	HMI	7-inch LCD Touchscreen
	Fire Protection System	Perfluorohexanone Fire Suppression
	Cooling System	Air Cooling
	Operating Temperature	0~55°C
	IP Rating	IP54
	Dimensions (W*D*H)	900*1300*2300mm
	Weight	<1800Kg



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