

PowerEco-50kW/102kWh

COSPOWERS



flexible expansion, one machine
multi-effect matching a variety
of application scenarios



Multiple Protection
Systems



highly integrated
design AC and DC
integrated



fingertip monitoring
cloud maintenance

Parameters/ Model		PowerEco-50kW/102kWh
PV Input Parameters	Maximum Input Voltage	1000Vdc
	MPPT voltage range	300~750Vdc
	Rated power	75kW
	MPPT quantity	3
AC grid connection parameter	Maximum input apparent power	55kVA
	Maximum input active power	50kW
	Rated input voltage	220/400V, 3/N/PE
	Maximum continuous input current	72A
	Rated input frequency	50/60Hz
AC off-grid parameter	AC off-grid voltage	220/400V, 3/N/PE
	Maximum continuous output current	72A
	AC off-grid frequency	50/60Hz
Battery parameters	Battery Type	LFP
	Rated capacity	102kWh
	Nominal voltage	512V
	Operating voltage range	448~560V
	Charge/Discharge Rate	≤0.5C
	Battery string	2channel
	Maximum charging current	50A*2
System level parameters	HMI	8 inch LCD touch screen
	Fire protection system	Perfluorhexone fire protection
	Cooling Method	Air cooling
	Operating temperature	0~55°C
	IP Class	IP54
	Size (W*D*H)	<1250*810*1850mm
	Weight	<1500Kg



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