

PowerEco-50kW/103kWh



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/103kWh
DC side parameter	DC branch	1 channel
	DC busbar maximum voltage	1000V
	DC side maximum current	88A
	DC voltage operating range	200~900V
AC grid connection parameter	Maximum input apparent power	50kVA
	Maximum input active power	50kW
	Rated input voltage	220/380V, 3P4W+PE
	Maximum continuous input current	86A
AC off-grid parameter	Rated input frequency	50Hz
	AC off-grid voltage	220/380V, 3P4W+PE
	Maximum continuous output current	86A
	AC off-grid frequency	50Hz
Battery parameters	Battery Type	LFP
	Rated capacity	103kWh
	Nominal voltage	345.6V
	Operating voltage range	302~378V
	Charge/Discharge Rate	≤0.5C
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)	<1200*1100*1850mm
	Weight	<1200Kg
	Certificates	CANS,CMA



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