

PowerEco-50kW/102kWh

Application Field

Domestic Solar and Energy Storage
Charging Station、Microgrid、Office
Building



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
Solar Input parameters	Max. Input Voltage	1000Vdc
	MPPT Voltage Range	300~750Vdc
	Nominal Power	75kW
	MPPT Number	3
AC grid connection parameters	Max. Apparent Output	55kVA
	Max. Input Active Power	50kW
	Nominal Voltage	400Vac, 3P3W+PE
	Max. Input Current	80A
	Nominal Input Frequency	50/60Hz
AC off-grid parameters	Nominal Voltage	400Vac, 3P3W+PE
	Nominal Current	80A
	Nominal Frequency	50/60Hz
Battery parameters	Cell Capacity	100Ah(LFP)
	Capacity	102kWh
	Nominal Voltage	512V
	Voltage Range	448~560V
	C Rate	≤0.5C
	Max Charging Current	50A*2
System level parameters	HMI	7 Inch touch screen
	Fire Safety	Perfluorohexane fire protection/Aerosol
	Cooling Method	Air Conditioning
	Operating Temp.	-20~55°C
	IP Degree	IP54
	Dimension(W*D*H)	<1250*650*2000mm
	Weight	<1500Kg
Others	Certification	Undergoing Certification



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