

PowerEco-60kW/120kWh NEW

昆宇电源
COSPOWERS

应用领域

国内光储充场站、微电网、写字楼



灵活扩容，一机多效
匹配多种应用场景



多重
保护系统



高集成化设计
交直流一体



指尖监控
云端维护



具备AFCI
功能

参数/型号		PowerEco-60kW/120kWh
光伏输入参数	最大输入电压	1100Vdc
	MPPT电压范围	180~900Vdc
	额定功率	90kW
	MPPT数量	4
交流并网参数	最大输入视在功率	66kVA
	最大输入有功功率	60kW
	额定输入电压	400/230Vac, 3W+N+PE
	最大持续输入电流	100A
交流离网参数	额定输入频率	50/60Hz
	交流离网电压	400/230Vac, 3W+N+PE
	最大持续输出电流	91A
	交流离网频率	50/60Hz
电池参数	电芯容量	314Ah-LFP
	额定电量	120kWh
	标称电压	384V
	工作电压范围	336~420V
系统级参数	倍率	≤0.5C
	最大充电电流	100A*2
	人机界面	7寸LCD触摸屏
	消防系统	全氟己酮消防/气溶胶消防
其它参数	冷却方式	风冷
	工作温度	-20~55°C
	防护等级	IP54
	尺寸(W*D*H)	<1200*1200*2150mm
其它参数	重量	<1500Kg
	认证	IEC62619, UL1973, UL9540A, UN38.3, RoHS, MSDS



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COSPOWERS

Application Field

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



Flexible expansion,
versatile all-in-one design,
compatible with multiple
application scenarios



Utilizes sodium-ion
batteries with
excellent high and low
temperature performance



Highly integrated
design combining
AC and DC systems



Touchscreen
monitoring and
cloud-based
maintenance



With
AFCI-enabled
function

	Parameters/ Model	PowerEco-60kW/120kWh
PV Input Parameters	Maximum Input Voltage	1100Vdc
	MPPT Voltage Range	180~900Vdc
	Rated Power	90kW
	Number of MPPTs	4
AC Grid-tied Parameters	Maximum Input Apparent Power	66kVA
	Maximum Input Active Power	60kW
	Rated Input Voltage	400/230Vac,3W+N+PE
	Maximum Continuous Input Current	100A
AC Off-grid Parameters	Rated Input Frequency	50/60Hz
	AC Off-grid Voltage	400/230Vac,3W+N+PE
	Maximum Continuous Output Current	91A
	AC Off-grid Frequency	50/60Hz
Battery Parameters	Cell Capacity	314Ah-LFP
	Rated Energy	120kWh
	Nominal Voltage	384V
	Operating Voltage Range	336~420V
	C-rate	≤0.5C
	Maximum Charging Current	100A*2
System level Parameters	HMI	7-inch LCD Touch Screen
	Fire Protection System	Perfluorohexanone Fire Extinguishing / Aerosol Fire Extinguishing
	Cooling Method	Air Cooling
	Operating Temperature	-20~55°C
	IP Rating	IP54
	Dimensions (W*D*H)	<1200*1200*2150mm
	Weight	<1500Kg
Other Parameters	Certifications	IEC62619,UL1973,UL9540A,UN38.3,RoHS,MSDS



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