

PowerEco-30kW/207kWh

PowerEco-60kW/207kWh

昆宇电源
COSPOWERS

应用领域

北美地区

一般工商业储能、光储微电网



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

参数/型号		PowerEco-30kW/207kWh	PowerEco-60kW/207kWh
直流侧参数	额定功率	30kW	60kW
	输入电压范围	150~750V(350~750V @full load)	
	最大输入电流	90A	180A
交流并网参数	额定输出功率	30kW	60kW
	最大有功功率	33kW	66kW
	额定电网电压	480V (-15~15%)3P3W+PE	
交流离网参数	额定输入频率	60(±2.5)Hz	
	额定输出功率	30kW	60kW
	最大有功功率	33kW	66kW
电池参数	额定电网电压	3P3W+PE, 480 (±5% configurable) Vac	
	额定频率	60 (±5 可配置) Hz	
	电芯容量	100Ah (LFP)	
	额定电量	207kWh	
系统级参数	标称电压	691.2V	
	工作电压范围	604.8~756V	
	人机界面	7寸 LCD触摸屏	
	消防系统	气溶胶消防	
	冷却方式	风冷	
	工作温度	-20~55°C	
其他参数	防护等级	IP54	
	尺寸(W*D*H)	1850*1100*2150mm	
	重量	<3000Kg	
	MPPT模块	45kW(选配)	
STS模块	100kW(选配)		
认证	UL1973, UL9540A, UL9540, FCC		



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Application Field

North American Region

General Commercial and Industrial

Energy Storage, Solar and Energy

Storage Microgrid



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-30kW/207kWh	PowerEco-60kW/207kWh
DC side parameters	Rated power	30kW	60kW
	Input voltage range	150~750V(350~750V @full load)	
	Max input current	90A	180A
AC grid connection parameters	Rated output power	30kW	60kW
	Max active power	33kW	66kW
	Rated grid voltage	480V (-15~15%)3P3W+PE	
	Rated frequency	60(±2.5)Hz	
	Rated output power	30kW	60kW
AC off-grid parameters	Max active power	33kW	66kW
	Rated grid voltage	3P3W+PE, 480 (±5% configurable) Vac	
	Rated frequency	60 (±5 configurable) Hz	
	Cell Capacity	100Ah (LFP)	
	Rated energy	207kWh	
Battery parameters	Nominal voltage	691.2V	
	Operating voltage range	604.8~756V	
	HMI	7 inch LCD touch screen	
	Fire fighting system	Perfluorhexone fire protection	
System level parameters	Heat dissipation system	Air cooling	
	Working temperature	-20~55°C	
	Protection level	IP54	
	Size (W*D*H)	1850*1100*2150mm	
Others	Weight	<3000Kg	
	MPPT	45kW (Optional)	
	STS	100kW (Optional)	
	Certification	UL1973, UL9540A, UL9540, FCC	



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