

叠光混合供电系统柜

昆宇电源
COSPOWERS

应用领域：
通信基站储能削峰填谷



型号	叠光混合供电系统柜	
太阳能输入	最大直流功率	15000W
	最佳工作电压	120Vdc
	最大输入电流	200A
	MPPT 电压范围	60~150Vdc
	MPPT追踪路数	5
交流输入	额定输入电压	220Vac
	输入电压范围	85~300Vac
	输入频率	50/60Hz
	最大输入电流限值	≤55A (单相)
电池配置	功率因素	>99%
	电池电压范围	43.2~56Vdc
	额定电池电压	51.2Vdc
	电池充放电功率	5120W(充电)/10240W(放电)
	最大充放电电流	100A(充电)/200A(放电)
直流输出 (3路)	通讯方式	RS485
	输出直流电压范围	42~58Vdc
	输出直流电压	54.0Vdc
	输出直流电流	0~200A
逆变交流输出 (1路)	输出效率	≥96%纯电模式, ≥95%纯光模式
	输出交流电压	220Vac±2%
	输出频率	50/60Hz±1
应用环境	输出最大功率	4500W
	使用温度	-10~50°C
	使用海拔	<2000m
	储存温度	-20~60°C
机械外观	相对湿度	5~90%RH
	噪音	<30dB
	尺寸(W*D*H)	750*750*1671.5mm
	防护等级	IP43
	散热方式	温控散热
	安装方式	落地安装
	通讯方式	WIFI,RS458



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Stacked Light Hybrid Power Supply System Cabinet

COSPOWERS

Application Field: Energy Storage for Peak Shaving and Valley Filling in Communication Base Stations



Model	Stacked Light Hybrid Power Supply System Cabinet	
Solar Input	Maximum DC Power	15000W
	Optimal Operating Voltage	120Vdc
	Maximum Input Current	200A
	MPPT Voltage Range	60~150Vdc
	Number of MPPT Tracking Channels	5
AC Input	Rated Input Voltage	220Vac
	Input Voltage Range	85~300Vac
	Input Frequency	50/60Hz
	Maximum Input Current Limit	≤55A (single-phase)
	Power Factor	>99%
Battery Configuration	Battery Voltage Range	43.2~56Vdc
	Rated Battery Voltage	51.2Vdc
	Battery Charge/Discharge Power	5120W (charging) / 10240W (discharging)
	Maximum Charge/Discharge Current	100A (charging) / 200A (discharging)
	Communication Method	RS485
DC Output (3 channels)	Output DC Voltage Range	42~58Vdc
	Output DC Voltage	54.0Vdc
	Output DC Current	0~200A
	Output Efficiency	Efficiency: ≥96% in pure electric mode, ≥95% in pure solar mode
Inverter AC Output (1 channel)	Output AC Voltage	220Vac ± 2%
	Output Frequency	50/60Hz ± 1
	Output Maximum Power	4500W
Application Environment	Operating Temperature	-10~50°C
	Operating Altitude	<2000m
	Storage Temperature	-20~60°C
	Relative Humidity	5~90%RH
	Noise Level	<30dB
Mechanical Appearance	Dimensions(W*H*D)	750*750*1671.5mm
	Protection Rating	IP43
	Cooling Method	Temperature-controlled cooling
	Installation Method	Floor-mounted installation
	Communication Interface	WiFi,RS458



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