

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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