

POWER SUPPLY SYSTEM CABINET

COSPOWERS

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



Model	POWER SUPPLY SYSTEM CABINET	
Solar energy input	Maximum DC power	15000W
	Optimum operating voltage	120Vdc
	Maximum Input Current	200A
	MPPT voltage range	60~150Vdc
	MPPT Number of traced paths	5
AC Input	Rated input voltage	220Vac
	Input Voltage Range	85~300Vac
	Input Frequency	50/60Hz
	Max 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(charge)/10240W(discharge)
	Max charge/discharge current	100A(charge)/200A(discharge)
	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	≥96%Pure electric mode, ≥95%Pure solar mode
Inverter AC output (1 channel)	Output AC voltage	220Vac±2%
	Output frequency	50/60Hz±1
	Max output power	4500W
Application environment	Operating temperature	-10~+50°C
	Operating altitude	<2000m
	Storage temperature	-20~+60°C
	Relative humidity	5%~90%RH
Mechanical appearance	Noise	<30dB
	Size	750*750*1671.5mm
	IP Class	IP43
	Cooling Method	Temperature controlled heat dissipation
	Installation method	Install on ground
	Communication method	WIFI,RS458



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