

# CS5000-X-P

## 低压堆栈式储能电源

**昆宇电源**  
COSPOWERS



- 1 家居化风格，优雅美观
- 2 单相欧标及单相美标设计，支持多制式电网电压标准
- 3 多种工作模式（光伏优先、市电优先、逆变优先）
- 4 简易安装和维护，满足不同客户定制化设计
- 5 自带ISO/Android.App监控
- 6 单个电池5.12kWh，可扩展至20.48KWh
- 7 多重保护及告警系统，安全可靠

参数/型号		CS5000-5-P	CS5000-10-P	CS5000-15-P	CS5000-20-P
市电输入参数	市电最大充电电流	60A			
	额定输入电压	220V/230V/240V			
	输入电压范围	UPS市电模式;170V-280V;APL发电机模式90V-280V			
	频率	50/60Hz(自动侦测)			
	转换时间(旁路与逆变)	10ms(典型值)			
	最大旁路过载电流	40A			
太阳能输入参数	PV开路电压	145V			
	PV工作电压范围	60~145V			
	MPPT电压范围	60~115V			
	最大PV输入电流	50A			
	最大输入功率	4400W			
	最大PV充电电流	80A			
交流输出参数	输出电压波形	纯正弦波			
	输出电压	230A(220/240A)			
	额定输出功率	5000W/VA			
	输出频率范围	50/60Hz±0.3Hz			
电池参数	额定电压	51.2V			
	电压范围	45-57.6V			
	电量	5.12kWh	10.24kWh	15.36kWh	20.48kWh
	标准充放电电流	0.25C/0.5C			
	最大充放电电流	0.5C/1C			
	电池类型	磷酸铁锂			
	工作温度范围	0~45°C			
	存储温度范围	-15°C~60°C			
	湿度	5%~95%			
	冷却方式	风冷			
工作条件	重量	87Kg	137Kg	187Kg	237Kg
	尺寸(W*D*H)	650*440*345mm	650*440*485mm	650*440*625mm	650*440*765mm
	防护等级	IP20			
	安装方式	落地式			
	通讯方式	RS485/WIFI(选配)			



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# CS5000-X-P

**COSPOWERS**

## STACK-BASED ENERGY STORAGE POWER SUPPLY



- 1 Homely style, elegant and beautiful
- 2 Single-phase European standard and single-phase American standard design, supporting multi-system grid voltage standards
- 3 Multiple working modes (photovoltaic priority, mains priority, inverter priority)
- 4 Simple installation and maintenance, the customized design meets the requirements of different customers
- 5 Possess ISO/Android. App to monitor
- 6 Single battery 5.12kWh, expandable up to 20.48kWh
- 7 Multiple protection and alarm system, safe and reliable

Parameters/ Model		CS5000-5-P	CS5000-10-P	CS5000-15-P	CS5000-20-P
Grid Input Parameters	Grid max charge current	60A			
	Rated input voltage	220V/230V/240V			
	Input Voltage Range	UPS grid mode170V-280V;APL generator mode90V-280V			
	Frequency	50/60Hz(Automatic detection)			
	Conversion time (bypass and inverter)	10ms (Typical value)			
	Maximum bypass overload current	40A			
Solar Energy Input Parameters	PV Open-circuit voltage	145V			
	PV Operating voltage range	60~145V			
	MPPT voltage range	60~115V			
	Max PV input current	50A			
	Max input power	4400W			
	PV Max charge current	80A			
AC Output Parameters	Output voltage waveform	Pure sine wave			
	Output voltage	230A (220/240A)			
	Rated output power	5000W/VA			
	Output frequency range	50/60Hz±0.3Hz			
Battery Parameters	Rated voltage	51.2V			
	Voltage Range	45-57.6V			
	Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
	Standard Charge/Discharge Current	0.25C/0.5C			
	Max. Charge/Discharge Current	0.5C/1C			
	Battery Type	LFP			
	Operating temperature range	0~45°C			
	Storage temperature range	-15°C~60°C			
	Humidity	5%~95%			
	Cooling Method	Air cooling			
Working Conditions	Weight	87Kg	137Kg	187Kg	237Kg
	Size	650*440*345mm	650*440*485mm	650*440*625mm	650*440*765mm
	IP Class	IP20			
	Installation method	Can be placed on the floor			
	Communication port	RS485/WIFI (Optional)			



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