

## CR5000W-300-1 NEW

应用领域:

国内光储充场站、微电网、写字楼



**灵巧多用**

配置灵活 尺寸小巧  
多场景适用



**模块易维**

PACK模块化设计  
自由组合, 易运维



**安防全面**

安全保障, 含消防  
水浸、热管理



**智显光联**

LCD屏直观显示  
支持光伏接入

参数/型号		CR5000W-300-1
逆变输出	额定输出功率	5500W(可扩展)
	最大输出电流	21.8A
	额定输出电压	230Vac 单相
	频率	50/60±0.3Hz
	效率	96.70%
PV输入参数	PV功率	6500W
	PV电压	500V
	启动电压	125V
	MPPT 电压范围	150~425Vdc
	额定 PV 输入电压	150~425V
	MPP 跟踪器数量	2/1
市电/发电机输入	输入电压范围	90~280Vac
	输入频率范围	50/60Hz
	最大输入电流	22.8A
电池参数	电池类型	LFP
	电池额定电压	51.2V
	电压范围	46.4~58.4V
	电池电量	5.12~133.12kWh
	最大充/放电倍率	0.5C/1C
工作条件	充电温度范围	5~55°C
	放电温度范围	-15~60°C
	湿度	5~95%
	散热方式	智能风冷+散热片
	重量	243Kg(可扩展)
	尺寸(W*D*H)	600*600*1000mm(可扩展)
	通讯方式	WIFI/RS485



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# Integrated Energy Cabinet

**COSPOWERS**

## CR5000W-300-1 NEW

Application Field:  
Domestic photovoltaic storage and charging stations, microgrids, and office buildings



### Compact & Versatile

Flexible configuration, compact size, suitable for multiple scenarios



### Modular & Service-friendly

PACK modular design, free combination, easy operation and maintenance



### Comprehensive Safety

Safety protection includes firefighting, water leakage, and thermal management



### Smart Display & PV Connectivity

LCD screen for intuitive display, supports photovoltaic integration

Parameters/Model		CR5000W-300-1
Inverter Output Parameters	Rated Output Power	5500W (Expandable)
	Maximum Output Current	21.8A
	Rated Output Voltage	230Vac Single Phase
	Frequency	50/60±0.3Hz
	Efficiency	96.70%
PV Input Parameters	PV Power	6500W
	PV Voltage	500V
	Start-up Voltage	125V
	MPPT Voltage Range	150~425Vdc
	Rated PV Input Voltage	150~425V
	Number of MPP Trackers	2/1
Grid/Generator Input Parameters	Input Voltage Range	90~280Vac
	Input Frequency Range	50/60Hz
	Maximum Input Current	22.8A
Battery Parameters	Battery Type	LFP
	Battery Rated Voltage	51.2V
	Voltage Range	46.4~58.4V
	Battery Capacity	5.12~133.12kWh
	Maximum Charge/Discharge Rate	0.5C/1C
Operating Conditions	Charging Temperature Range	5~55°C
	Discharging Temperature Range	-15~60°C
	Humidity	5~95%
	Cooling Method	Intelligent Air Cooling + Heat Sink
	Weight	243Kg (Expandable)
	Dimensions (W*D*H)	600*600*1000mm (Expandable)
	Communication Method	WIFI/RS485



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