

集装箱式锂电池系统
CFC512300U



- 1 高度集成化：集成UPS 主机、电池组、配电柜、监控和安防系统等，减少现场安装和调试的工作量。

2 良好的环境适应性：舱体采用特殊的设计和材料，具备良好的防护性能。

3 灵活的配置和扩展性：可根据不同的用户需求和负载要求，配置 UPS 的容量、电池组的续航时间等。
- 4 智能监控与管理：配备智能监控系统，实时监测 UPS 系统的运行状态、电池组的电量和健康状况等信息。

5 便捷的运输和安装：整体结构紧凑，便于运输和吊装。

6 安全可靠：集成舱具备完善的安全防护措施。

产品参数

参数/型号		CFC512300U
电池簇参数	标称电压	512Vdc
	工作电压范围	448~560Vdc
	额定容量	100Ah
	额定能量	51.2kWh
	标准充电电流	0.5C
	最大持续放电电流	5C
	人机界面	7寸 LCD 触摸屏
	工作温度	0~45℃
	循环寿命	3000次 @80%DOD, 0.5C/0.5C
	通信接口	CAN；RS485；干接点
	保护功能	过温，过流，短路，过充，过放等
	尺寸(W*D*H)	600*800*2200mm
	重量	810Kg
系统级参数	型号	CFC512300U
	标称电压	512Vdc
	工作电压范围	448~560Vdc
	额定容量	300Ah
	额定能量	153.6kWh
	标准充电电流	0.5C
	最大持续放电电流	5C
	人机界面	10寸 LCD触摸屏
	通信接口	CAN；RS485；干接点
	备电时间	10-15min
	安防	四级安防
	尺寸(W*D*H)	2991*2438*2896mm
	重量	7T



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Short Duration Power Backup Series

COSPOWERS

CFC512300U

Containerized Lithium Battery System



- 1** Excellent Environmental Adaptability: The cabin utilizes special designs and materials, offering superior protective performance.
- 2** Highly Integrated: Incorporates the UPS host, battery pack, distribution cabinet, monitoring and security systems, reducing on-site installation and debugging workload.
- 3** Flexible Configuration and Expandability: Allows configuration of UPS capacity and battery pack endurance based on different user needs and load requirements.
- 4** Convenient Transportation and Installation: Compact overall structure facilitates transportation and hoisting.
- 5** Safe and Reliable: The integrated cabin includes comprehensive safety protection measures.
- 6** Intelligent Monitoring and Management: Equipped with an intelligent monitoring system to track the operational status of the UPS system, battery pack power, health condition, and other information in real time.

Product parameters

Parameters/Model		CFC512300U
Battery Cluster Parameters	Model	CFC512100U
	Nominal Voltage	512Vdc
	Operating Voltage Range	448~560Vdc
	Rated Capacity	100Ah
	Rated Energy	51.2kWh
	Standard Charging Current	0.5C
	Maximum Continuous Discharging Current	5C
	HMI (Human-Machine Interface)	7-inch LCD Touch Screen
	Operating Temperature	0~45°C
	Cycle Life	3000 times @80%DOD, 0.5C/0.5C
	Communication Interface	CAN; RS485; Dry Contact
	Protection Functions	Over-temperature, Over-current, Short Circuit, Overcharge, Over-discharge, etc.
	Dimensions(W*D*H)	600*800*2200mm
	Weight	810Kg
System Parameters	Model	CFC512300U
	Nominal Voltage	512Vdc
	Operating Voltage Range	448~560Vdc
	Rated Capacity	300Ah
	Rated Energy	153.6kWh
	Standard Charging Current	0.5C
	Maximum Continuous Discharging Current	5C
	HMI (Human-Machine Interface)	10-inch LCD Touch Screen
	Communication Interface	CAN; RS485; Dry Contact
	Backup Time	10-15min
	Safety	Four-level Safety Protection
	Dimensions(W*D*H)	2991*2438*2896mm
	Weight	7T



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