

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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