

Residential ESS

CFE-5100X



Efficient and Flexible

- Simple buckle fixing minimizes the installation time and cost.
- Flexibility increases voltage capacity without any other equipment or settings.



Excellent Quality

- 80% of initial capacity after 6000 cycles.
- Integrated WiFi Modem OTA online upgrade offers convenient after-sales service.



Safe and Secure

- LFP (Lithium-ion Phosphate) offers the highest safety.
- Supports up to 8 series or parallel connections.



Efficient Management

- Efficient management includes accurate sampling of voltage and current.

Model	CFE-5100X
Total Energy	5.1kWh
Usable Energy (DC)	4.6kWh
Max. Discharge Power	5.0kW
Rated Capacity	100Ah
Voltage Range	48~56Vd.c
Nominal Voltage	51.2Vd.c
Operating Condition	Indoor
Charge Operating Temperature	0~45°C
Discharge Operating Temperature	-10~55°C
Dimensions (W*D*H)	442*450*133mm
Weight	44kg
IP Rating	IP 20
Protective Class	I
Parallel or Series Support	8 Parallel or Series
Relative Humidity (RH)	0-95%RH (No condensed water)
Cooling Type	Ambient cooling
Case Material	Metal
Color	Black
Installation	Cabinet, Wall Mounting, Ground Installation
Warranty & Cycle Life	10 years or 6000 Cycles
Communication	CAN/RS485
Protection Mode	Triple Hardware Protection
Battery Protection	Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over Temperature
Safety Certificate	UN/ CE/ CB

CF Energy Co., Ltd.

CFE has offices & warehouses in the following regions where you can get in touch with us:

Europe: Rotterdam (Netherlands) Africa: Johannesburg (South Africa)

Asia: Xi'an, Shenzhen, Tianjin, Hong Kong (China) , and Yangon (Myanmar)

Tel: (+86) 029 38367888 Web: www.cfess.cn E-mail: cfenergy@cfess.cn