

Residential ESS

Lithium-ion Battery CFE-5100H



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 Iron Phosphate) offers the highest safety.
- Supports up to 8 parallel or 6 series connections.



Efficient Management

- Efficient management includes accurate sampling of voltage and current.

Model	CFE-5100H
Total Energy	5.1kWh
Usable Energy (DC)	4.6kWh
Max. Discharge Power	5.0kW
Rated Capacity	50Ah
Voltage Range	96~112Vd.c
Nominal Voltage	102.4Vd.c
Operating Condition	Indoor
Charge Operating Temperature	0~45 °C
Discharge Operating Temperature	-10~55 °C
Dimensions (W*D*H)	442*540*133mm
Weight	44kg
IP Rating	IP 20
Protective Class	I
Parallel or Series Support	8 Parallel or 6 Series
Relative Humidity (RH)	0~95% (No condensed water)
Cooling Type	Ambient cooling
Case Material	Metal
Color	Black
Installation	Cabinet, Wall Mounting, Ground Installation
Warranty	10 Years
Communication	CAN/RS485
Protection Mode	Triple Hardware Protection
Battery Protection	Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over Temperature
Safety Certificate	CE/ IEC/ UN

CF Energy Co., Ltd.

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