

Residential ESS

Lithium-ion Battery CFE-5100



Efficient and flexible

Simple buckle fixing minimize the installation time and cost.
Flexible increase voltage capacity without any other equipments or settings.



Excellent quality

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



Safe and secure

LFP(Lithium ion Phosphate) the highest safety.
Up to 8 Series or Parallel.



Efficient management

Accurate sampling of voltage and current .
SOC mathematic more accurate and never jump.

| Model | CFE-5100 |
|---------------------------------|--|
| Total Energy | 5.12 kWh |
| Usable Energy(DC) | 4.6 kWh |
| Max. Discharge Power | 3.0 KW |
| Rated Capacity | 100 Ah |
| Voltage | 48~56 Vd.c |
| Nominal Voltage | 51.2 Vd.c |
| Operating Condition | Indoor |
| Charge Operating Temperature | 0~45°C |
| Discharge Operating Temperature | -10~55°C |
| Dimensions (W*D*H) | 442*500*133 mm |
| Weight | 42±0.5 kg |
| IP Rating | IP 20 |
| Protective Class | I |
| Parallel or Series Support | 8 Parallel or 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 |
| Authentication Level | CE & TUV(IEC 62619,IEC 62040) UL1973 UKCA UN3480 |

CF Energy Co., Ltd.

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