

Residential ESS

CFE-5



Efficient and flexible

- Simple buckle fixing minimize the installation time and cost.
- Flexible to increase capacity without any other equipments 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) the highest safety.
- Supports up to 8 parallel connections.



Efficient management

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

| Model | CFE-5 |
|---------------------------------|--|
| Total Energy | 5.12kWh |
| Usable Energy (DC) | 4.4kWh |
| 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 | 42kg |
| IP Rating | IP 20 |
| Protective Class | I |
| Parallel Support (Maximum) | 8 Parallel |
| Relative Humidity (RH) | 0-95%RH (No condensed water) |
| Cooling Type | Ambient cooling |
| Case Material | Metal |
| Color | White |
| Installation | Cabinet, Wall Mounting, Ground Installation |
| Warranty & Cycle Life | 5 years or 6000 Cycles |
| Communication | CAN/RS485 |
| Protection Mode | Multiple Protection |
| Battery Protection | Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over-Temperature |
| Safety Certificate | UN/ CE/ CB |
| Inverter Protocols Supported | Luxpower/Solis/Sofar/Megarevo/Deye/SRNE/SOI-Ark/Sunsynk/ Growatt/Afore/Victron/Voltronic/MUST/GOSPOWER/Techfine (low voltage) |

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD

CF Energy Co., Ltd.

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

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