

Residential ESS

Lithium-ion Battery CFE-10H



Efficient and flexible

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



Excellent quality

- ✓ 80% of initial capacity after 6000.
- ✓ Multiple security protection strategies.



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-10H |
|-------------------------------------|--|
| Total Energy | 10.24 kWh |
| Usable Energy(DC) | 9.2 kWh |
| Max. Discharge Power | 10 KW |
| Rated Capacity | 200 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) | 700*500*235 mm |
| Weight | 87±1kg |
| IP Rating | IP 20 |
| Protective Class | I |
| Parallel or Series Support(Maximum) | 8 Parallel or Series |
| Relative Humidity (RH) | 0~95% (No condensed water) |
| Cooling Type | Ambient cooling |
| Case Material | Metal |
| Color | White |
| Installation | Wall Mounting |
| Warranty | 5 Years |
| Communication | CAN/RS485 |
| Protection Mode | Triple Hardware Protection |
| Battery Protection | Over-Current/ Over-Voltage/ Short Circuit/ Under-Voltage/ Over-Temperature |
| Safety Certificate | UN3480, CE |

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

CF Energy Co., Ltd.

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