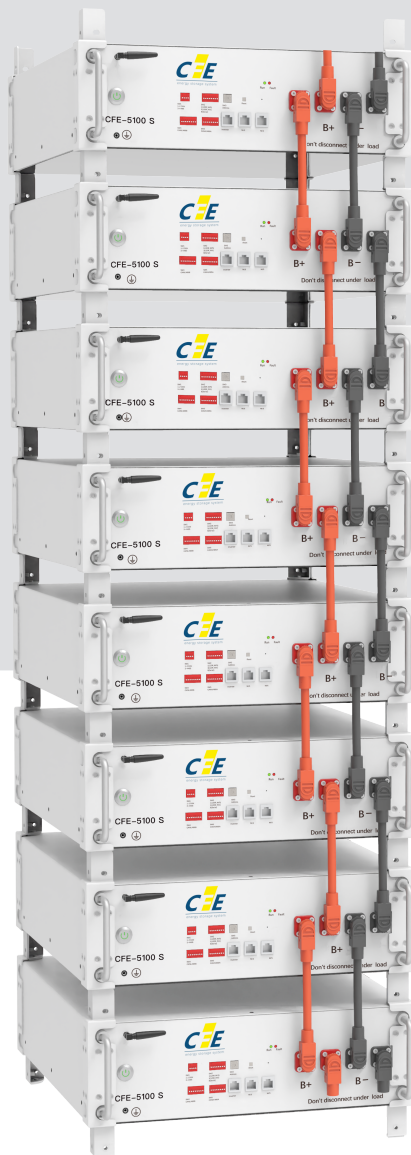


Residential ESS

CFE-5100S



Efficient and flexible

Simple buckle fixing minimize the installation time and cost.

Flexible increase voltage capacity without any other equipments or settings.



Safe and secure

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



Safe and Reliable

80% of initial capacity after 6000.

Integrated WiFi Modem OTA online upgrade convenient after-sales service



Optimal Cost

Accurate sampling of voltage and current .

SOC mathematic more accurate and never jump.

Model	CFE-5100S
Total Energy	5.12 kWh
Usable Energy (DC)	4.6 kWh
Max. Discharge Power	5.0 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	46 ± 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	White
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	CE & TUV (IEC 62619, IEC 62040) UL1973 UN3480

CFE ESS 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, Hefei, Hong Kong (China) , and Yangon (Myanmar)

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