

# Residential ESS

## Lithium-ion Battery CFE-5A



### 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.  
Multiple security protection strategies.



### Safe and secure

LFP(Lithium ion Phosphate) the highest safety.  
100% automatic module stacking +100% Aging Test+100% EOL .



### Efficient management

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

Model	CFE-5A
Total Energy	5.1kWh
Usable Energy(DC)	4.3 kWh
Max. Discharge Power	5 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	45±0.5kg
IP Rating	IP 20
Protective Class	I
Parallel or Series Support(Maximum)	8 Parallel
Relative Humidity (RH)	0~95% (No condensed water)
Cooling Type	Ambient cooling
Case Material	Metal
Color	White
Installation	Cabinet, Wall Mounting, Ground Installation
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

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