

# Residential ESS

## CFE-WR-2 / 5 / 8



### Leading Technology

- Advanced Smart BMS.
- Modular expansion, up to 4 in parallel.



### Comprehensive Smart System

- Intelligent human interactive screen.
- Full-service monitoring and control.
- 5-year warranty; ≥6,000 cycles (conditions apply).



### Enhanced Safety & Reliability

- LFP (lithium iron phosphate, LiFePO<sub>4</sub>) for the highest safety.
- 14 security protection strategies.
- Easier set up and operate.



### High Quality and Competitive Pricing

- Cost-effective options.
- Better integrated minimalist style.
- Ultra-thin design.

Model	CFE-WR-2	CFE-WR-5	CFE-WR-8
Total Energy	2.56 kWh	5.12 kWh	8.03 kWh
Usable Energy	2.3 kWh	4.6 kWh	7.5 kWh
Capacity	100 Ah	200 Ah	314 Ah
Size (W × D × H)	300 × 135 × 465 mm	420 × 135 × 625 mm	564 × 85 × 904 mm
Weight	25 kg	48 kg	78 kg
Max. Discharge Power	2.5 kW	5 kW	5 kW
Nominal Voltage		25.6 V	
Voltage Range		24 – 28 V	
Parallel Support (Maximum)		Up to 4 in parallel	
Protection Mode		Multiple Protection	
Battery Type		LFP (LiFePO4)	
IP Level		IP20	
Battery Protection		Over-Current / Over-Voltage / Short Circuit / Under-Voltage / Over-Temperature	
Protective Class		I	
Charge Operating Temperature		0 to 45 °C	
Discharge Operating Temperature		-10 to 55 °C	
Humidity		0 – 95% RH (non-condensing)	
Altitude		≤2000m	
Installation Method	Wall – Mounting	Ground – Installation	
Cooling Type		Ambient cooling	
Cycle Life		≥6,000 Cycle (@25 ± 2 °C, 0.5C / 0.5C, 80% DoD)	
Display		SoC status indicator (LED)	
Transport		UN38.3 (tested); UN3480 as applicable	

CFE ESS Co., Ltd.

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