

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; $\geq 6,000$ cycles (conditions apply).



Enhanced Safety & Reliability

- LFP (lithium iron phosphate, LiFePO_4) 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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