

Residential ESS

CFE-WR-16



Leading Technology

- Advanced Smart BMS.
- Supports multiple inverter communications.
- Modular expansion, up to 8 in parallel.



Comprehensive Smart System

- Intelligent human interactive screen.
- Full-service monitoring and control.
- Integrated Wi-Fi Modem OTA online upgrade offers convenient after-sales service.



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.
- Only 160 mm deep when wall-mounted.

Model	CFE-WR-16
Total Energy	16.07 kWh
Usable Energy	15 kWh
Size (W × D × H)	564 × 157 × 974 mm
Weight	126 kg
Nominal Voltage	51.2 V
Voltage Range	48 – 56 V
Max. Discharge Power	10 kW
Communication Method	CAN / RS485
Parallel Support (Maximum)	Up to 8 in parallel
Protection Mode	Multiple Protection
Battery Type	LFP (LiFePO4)
Capacity	314 Ah
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	Floor Mounting
Cooling Type	Ambient cooling
Warranty & Cycle Life	5-year warranty; ≥ 6,000 cycles @ 80% DoD, 25 °C (0.2C)
Display	SoC status indicator (LED)
Transport	UN38.3 (tested); UN3480 as applicable
Certificates	CE / CB
Inverter Protocols Supported	Pylontech / Growatt / SRNE / Deye / Megarevo / Techfine / GoodWe / CVTE Luxpower / MUST (low voltage)

CFE ESS Co., Ltd.

CFE has offices & warehouses in the following regions where you can get in touch with us:

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