

C&I ESS

CFE-XH



Leading Technology

- Master+Slave architecture BMS with advanced AI algorithms.
- OTA upgrade capabilities & cloud platform EMS, to every RACK.
- Supports multiple inverter communications.



Convenient installation

- Maximum height of a single RACK is 1.7 meters.
- Minimalist design and cost-saving building block installation.
- Foolproof installation with quick-connect & adaptive communication.
- PACK/RACK is designed according to IP65 & C5 corrosion protection grade.



Flexible configuration System

- PACK can be used up to 7 in series to reach 70kWh.
- Maximum 4 RACKs in parallel to increase capacity to 280kWh without adding other equipment.
- Industrial-Grade BMS protection & voltage level auto-matching allows free combination of series/parallel connections.
- 8000 cycles of design life to increase the return on investment in C&I energy storage scenarios.



Local Service Support

- Provides support from the design until the operation.
- Pre-sales and sales activities including online & offline product training.
- Logistics including warehousing and delivery to the installation site.
- Provide customers with localized and fast technical support for installation, commissioning and operation (including warranty services)

Model	CFE-XH-20	CFE-XH-30	CFE-XH-40	CFE-XH-50	CFE-XH-60	CFE-XH-70
Stacked PDU						
Model	CFE-PDU750-100-GR					
Communication Method	CAN/RS485/WiFi					
Installation Method	Racks					
Humidity	0-95%RH (No condensed water)					
Altitude	≤3500m					
Rated Voltage	1000V DC					
Rated Current	100A (Charge & Discharge Rate of 1C)					
Size	442*450*133mm					
Rack Batteries						
Battery Type	LiFePO4					
Model	CFE-PA102-100-GR					
Size (W*D*H)	442*590*225mm					
Capacity	20.48kWh	30.72kWh	40.96kWh	51.20kWh	61.44kWh	71.68 kWh
Battery Voltage (PACK 102.4V)	204.8V	307.2V	409.6V	512.0V	614.4V	716.8 V
Capacity	100Ah					
Electrical Parameters						
Voltage Range	173-230V	259-346V	346-461V	432-576V	518-691V	605-806V
Max. Charging Current	100A					
Max. Discharge Current	100A					
Other Parameters						
Size	543*595*790mm	543*595*1025mm	543*595*1260mm	543*595*1495mm	543*595*1730mm	543*595*1965mm
Communication Method	CAN/RS485					
Charging Temperature Range	0 ~ +45℃					
Discharging Temperature Range	-15 ~ +45℃					
Humidity	0-95%RH (No condensed water)					
Altitude	≤3500m					
Installation Method	Racks & Cabinet					
Warranty & Cycle Life	10 Years or 8000 Cycles (@25±2℃, 0.5C/0.5C, 80%DOD)					
Safety Certificate	UN/ CE					

CF Energy 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, Hong Kong (China) , and Yangon (Myanmar)

Tel: (+86) 029 38367888 Web: www.cfess.cn E-mail: cfenergy@cfess.cn