

CFE CUBE-XL

Residential ESS Lithium-ion Battery



Leading Technology

- ✓ Advanced smart BMS.
- ✓ Intelligent matching of 45 inverter models.
- ✓ A single cluster can use up to 4 batteries at the same time and can provide up to 20kWh.
- ✓ Clusters and clusters can be used in parallel.



Ultra Safety Reliability

- ✓ LFP(Lithium ion Phosphate) the highest safety.
- ✓ Multiple security protection strategies.
- ✓ Quick connection and insulation protection.



Comprehensive Smart System

- ✓ Hardware self-diagnostic circuits and critical loop redundancy design.
- ✓ Adaptive communication of slave address, faster and more convenient, assembly at will.
- ✓ Voltage level adaptation; The number of battery boxes that can be freely combined in series stacking



High quality and competitive price

- ✓ Cost-effective options.
- ✓ Better integrated minimalist style.
- ✓ Floor mounted and wall-fixable.

Model	CUBE XL-10	CUBE XL-15	CUBE XL-20
Stacked Wall Mounted PDU			
Model	CFE-PDU750-50-B		
Communication method	CAN/WIFI		
Installation method	Stackable		
Humidity	5 ~ 95% RH		
Altitude	≤2000m		
Rated voltage	750V DC		
Rated current	50A		
Size	600*150*190 mm		
Stacked Wall Mounted Batteries			
Model	CFE-PA102-50-B		
Battery Type	LiFePO4		
Capacity	10.24kWh	15.36kWh	20.48kWh
Battery voltage	204.8V	307.2V	409.6V
Capacity	50Ah		
Electrical Parameters			
Voltage range	172.8-230.4V	259.2-345.6V	345.6-460.8V
Rating charging current	25A		
Max. charging current	30A		
Rated discharge current	25A		
Max. discharge current	50A		
Other Parameters			
Assembly mode	1 PDU+2 PACK+1 Base	1 PDU+3 PACK+1 Base	1 PDU+4 PACK+1 Base
Size	600*150*910mm	600*150*1250mm	600*150*1590mm
Communication method	CAN/RS485/WIFI		
Charging temperature range	0 ~ +45°C		
Discharging temperature range	-10 ~ +55°C		
Humidity	0 ~ 95% RH		
Altitude	≤2000m		
Installation method	Fixed ground stacked & walls		
Cycle life	≥6000 Cycles (@25±2°C, 0.5C/0.5C,80%DOD)		

CF Energy Co., Ltd.

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

Europe: Vienna (Austria) , Budapest (Hungary) 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