

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.



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



Ultra Safety Reliability

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



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℃			
Discharging temperature range	-10 ~ +55℃			
Humidity	0 ~ 95% RH			
Altitude	≤2000m			
Installation method	Fixed ground stacked & walls			
Cycle life	≥6000 Cycles (@25±2℃, 0.5C/0.5C,80%DOD)			

CF Energy Co., Ltd.

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