

CFE CUBE-XT

Residential ESS Lithium-ion Battery



Leading Technology

- ✓ Advanced smart BMS.
- ✓ Intelligent matching of 45 inverter models.
A single Rack can use up to 8 batteries at the same time and can provide up to 40kWh.
- ✓ Rack and Rack 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 XT-20	CUBE XT-25	CUBE XT-30	CUBE XT-35	CUBE XT-40
Stacked PDU					
Model	CFE-PDU750-50-B-L				
Communication method	CAN/WIFI				
Installation method	Stackable				
Humidity	5 ~ 95% RH				
Altitude	≤2000m				
Rated voltage	750V DC				
Rated current	100A				
Size	655*442*138 mm				
Stacked batteries					
Battery Type	LiFePO4				
Capacity	20.48kWh	25.60kWh	30.72kWh	35.84kWh	40.96kWh
Battery voltage	204.8V	256.0V	307.2V	358.4V	409.6V
Capacity	100Ah				
Electrical parameters					
Voltage range	172.8-230.4V	216-288V	259.2-345.6V	302.4-403.2V	345.6-460.8V
Rating charging current	50A				
Max. charging current	60A				
Rated discharge current	100A				
Max. discharge current	120A				
Other parameters					
Assembly mode	1 PDU+4 PACK +1 Base	1 PDU+5 PACK +1 Base	1 PDU+6 PACK +1 Base	1 PDU+7 PACK +1 Base	1 PDU+8 PACK +1 Base
Size	655*442*770mm	655*442*908mm	655*442*1046mm	655*442*1184mm	655*442*1322mm
Communication method	CAN/RS485/WIFI				
Charging temperature range	0 ~ +45°C				
Discharging temperature range	-15 ~ +45°C				
Humidity	5 ~ 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.

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