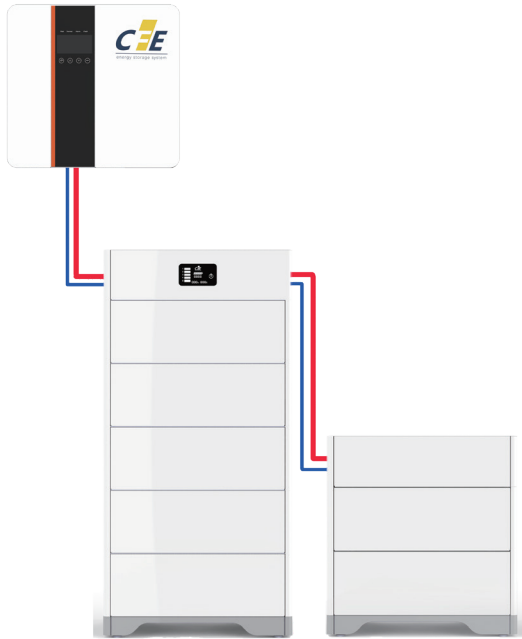







CUBE XT





-  **Safe and stable**
Effective response sudden and planned power outages.
-  **Wide power range**
Single battery module continuous output power of 2.5KW, peak power of 5KW.
-  **On/Off-grid**
Integrated design, can be switched at any time.
-  **Long cycle life LFP battery**
Using advanced lithium iron phosphate cells, high charge and discharge rate, high energy density, high cycle life.
-  **Expansibility**
A maximum of 8 battery modules can be mounted, with a power distribution range of 5 kWh to 40 kWh.

Core technologies :

1. Black start function after over-discharge.
2. EMS system. Built-in intelligent EMS system, which can be controlled remotely on the mobile phone.
3. Convenient installation without tools and professional knowledge required.
4. DC soft start technology.
5. Millisecond-level switching technology.

Model	Issue	Parameter	Remark
Battery Module	Cell	LFP (LiFePO 4)	/
	Weight	48±2kg	/
	Dimension (mm)	600×420×230	/
	Protection Class	IP55	/
	Module Energy	5.12kWh	/
	Usable Energy	4.6kWh	/
	Depth of Discharge	90%DOD	/
	Nominal Voltage	51.2V	/
	Voltage Range	43.2V ~ 58.4V	Single Cell: 2.7V ~ 3.65V
	AC Resistance	≤30mΩ	
	Cycle life	6000	80%DOD,25°C
MC Module	LMC Module	Dimension(mm)	600×420×180
		Weight	28±2kg
		Voltage	51.2V
		Current Range	50A ~ 250A
	HMC Module	Dimension(mm)	600×420×180
		Weight	28±2kg
		Voltage Range	102.4V ~ 409.6V
	Current	50A	
Base	Standard Base	Dimension (mm)	600×420×70

[1] Storage system is ordered and delivered in the form of MC module and battery module separately with corresponding quantity.
 [2] Refer to battery warranty letter for conditional application.

Low Voltage

(43.2V ~ 58.4V)



System Energy		5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Voltage		43.2V ~ 58.4V	43.2V ~ 58.4V	43.2V ~ 58.4V	43.2V ~ 58.4V	43.2V ~ 58.4V
Dimension(mm)		600×420×480	600×420×710	600×420×940	600×420×1170	600×420×1440
Weight		78±2kg	128±2kg	178±2kg	228±2kg	278±2kg
Depth of Discharge		90%DOD				
Charge and discharge current	Continuous	50A	100A	150A	200A	250A
	Peak@25±2°C/60S	100A	200A	300A	400A	500A
Charge and discharge/Storage Temperature		Charging 0~50 °C / Discharging -20~55 °C / Storage-20°C~55°C				
Protection Class		IP55				
Humidity		0% ~ 85%				
Altitude		< 4000m				
Communication		CAN and RS-485				
Warranty ^[3]		10 Years or 6000 cycles				
System Energy		30.27kWh	35.84kWh		40.96kWh	
Voltage		43.2V ~ 58.4V	43.2V ~ 58.4V		43.2V ~ 58.4V	
Dimension(mm)		600×420 ×(1440+300)	600×420 ×(1440+530)		600×420 ×(1440+760)	
Weight		328±2kg	428±2kg		428±2kg	
Depth of Discharge		90%DOD				
Charge and discharge current	Continuous	250A	250A		250A	
	Peak @25±2°C/60S	500A	500A		500A	
Charge and discharge/Storage Temperature		Charging 0~50 °C / Discharging -20~55 °C / Storage-20°C~55°C				
Protection Class		IP55				
Humidity		0% ~ 85%				
Altitude		< 4000m				
Communication		CAN and RS-485				
Warranty ^[3]		10 Years or 6000 cycles				

[3] Test conditions 0.2C Charging/Discharging@25°C,80%DoD.

High Voltage

(102.4V ~ 512V)



System Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Voltage	102.4V ~ 409.6V			
Dimension(mm)	600×420×710	600×420×940	600×420×1170	600×420×1440
Weight	128±2kg	178±2kg	228±2kg	278±2kg
Depth of Discharge	90%DOD			
Charge and discharge current	Continuous		50A	
	Peak@25±2°C/60S		100A	
Charge and discharge/Storage Temperature	Charging 0~50 °C / Discharging -20~55 °C / Storage-20°C~55°C			
Protection Class	IP55			
Humidity	0% ~ 85%			
Altitude	< 4000m			
Communication	CAN and RS-485			
Warranty ^[3]	10 Years or 6000 cycles			
System Energy	30.27kWh	35.84kWh	40.96kWh	
Voltage	102.4V ~ 409.6V			
Dimension(mm)	600×420 ×(1440+300)	600×420 ×(1440+530)	600×420 ×(1440+760)	
Weight	328±2kg	378±2kg	428±2kg	
Depth of Discharge	90%DOD			
Charge and discharge current	Continuous		50A	
	Peak @25±2°C/60S		100A	
Charge and discharge/Storage Temperature	Charging 0~50 °C / Discharging -20~55 °C / Storage-20°C~55°C			
Protection Class	IP55			
Humidity	0% ~ 85%			
Altitude	< 4000m			
Communication	CAN and RS-485			
Warranty ^[3]	10 Years or 6000 cycles			

[3] Test conditions 0.2C Charging/Discharging@25°C,80%DoD.



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