

CUBE 120kWh 140kWh Outdoor energy storage all-in-one



Waterproof IP55



Wifi Real-time control



APP control

Product introduction

CUBE BOX120/140 features a modular design, combining lithium iron phosphate batteries, racks, BMS, PCS, air-conditioning, temperature control, fire detection, and automatic extinguishing. It boasts safety, reliability, rapid deployment, cost-efficiency, high energy efficiency, and intelligent management.

Product Features



Exquisite craftsmanship
Higher specific energy,
more environmentally friendly.



Safe and reliable
Longer cycle life.



Integrated design
Convenient installation and
higher efficiency.



Smart and friendly
WiFi remote Monitoring
(optional)



Remote Monitoring
Self-developed APP

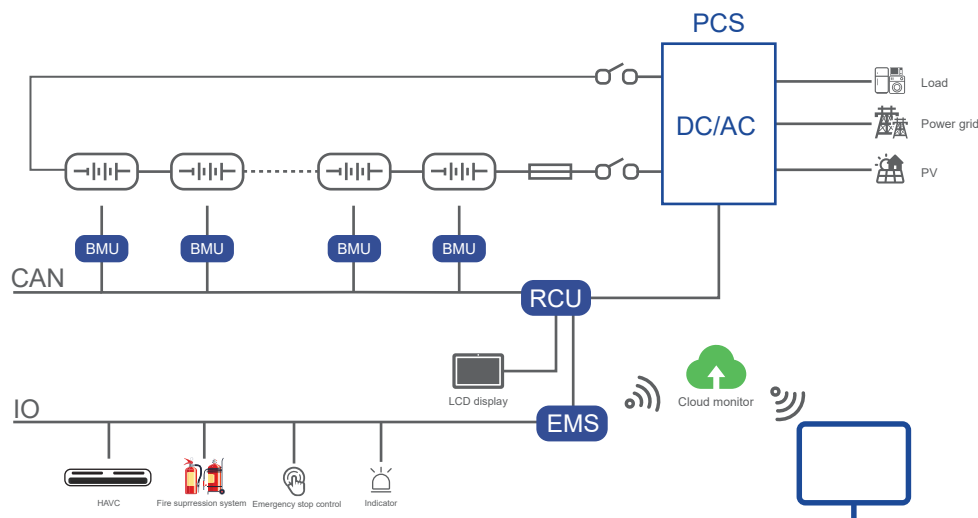


Smart BMS
Big Power Smart BMS



Full Bracket Design
Full space for each
cell's best performance

120kWh 140kWh Energy Storage Battery, Outdoor energy storage all-in-one machine



Function Parameters

Model No.	CUBE 120-50	CUBE 140-50
Nominal Energy	122.8KWH	143.2KWH
Nominal Voltage	614V	716V
Nominal Capacity	200Ah	200Ah
Cell Type	LFP	LFP
Standard Charge Voltage	691V	806V
Max Charge Current	200A	200A
Discharge Cut-Off Voltage	537V	627V
Max Discharge Current	200A	200A
Maximum working altitude	≤2000m	
Working humidity range	5-85%RH (no condensation)	
Cooling method	Air-cooled	
Cycle Life *	25±2°C/0.2C/80%≥6000	
Range of working temperature	-10 ~ 60°C	
Fire Fighting System	Aerosol	
Certification	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS / UN38.3 Pack: MSDS / UN38.3	
Weight	≈1.2T	≈1.4T
Dimensions	2000*1082*1676.5mm	
Battery system	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	