

# EU - Box200

## Specification



## Product Introduction

The product of EU-Box200 is a power storage system specially designed for regional microgrids such as small CBDs, farms, islands, outdoor photovoltaic power stations, etc., which can fully guarantee the power demand and energy security in these scenarios.

## Product Features

### Easy Installation and Maintenance

- Modular design simplifies setup and ensures effortless maintenance.

### Applications

- Ideal for regional microgrids, small commercial districts, farms, islands, and outdoor photovoltaic power stations, ensuring reliable energy security.

### High Safety Standards

- Integrated smoke sensor and fire-fighting system provide robust fire and heat resistance.

### Flexible and Scalable Capacity

- Supports parallel configurations for a maximum storage capacity, making it ideal for scalable energy requirements.

### Rugged Design for Harsh Environments

- IP54 protection rating with a C4 anti-corrosion grade.
- Operates in temperatures ranging from -20°C to 50°C and humidity levels of 0-95%.

### Industry Compliance

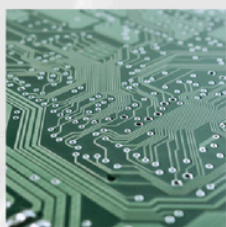
- Ideal for regional microgrids, small commercial districts, farms, islands, and outdoor photovoltaic power stations, ensuring reliable energy security.

# EU - Box200



### Easy installation & maintenance

Outdoor housing for any installation site, easy maintenance due to modular design (Battery modules, BMS, PCS control design).



### Real-time monitoring & control

7\*24h real-time monitoring and control, Intelligent BMS, more precise SOC.



### LFP cell & system safety design

Cabinet integrated with smoke sensor and fire fighting system, fireproof and high-temperature resistant cabinet.



### Flexible and expandable

Parallel Max. up to 2.15MWh capacity battery

## Specification

Model	EU-Box200
<b>Battery Parameter</b>	
Cell Type	LFP
Battery Module Nominal Voltage	51.2V
Battery Module Energy (kWh)	14.336
Rated Capacity (Ah)	280
Rated Voltage (V)	768
Voltage Range (V)	720-840
Battery Capacity(BOL) (kWh)	215.04
Recommend Charge/Discharge Current (A)	140/140
Max. Charge/Discharge Current (A)	140/200
<b>General Parameter</b>	
Dimension(W*D*H) (mm)	1050*1310*2340
IP Rating	IP55
Anticorrosion Grade	StandardC4
Total Weight (kg)	Max.2150
Cooling Mode	HVAC
Fire Fighting	Integrated
Operating Temperature ( )	-20- 50
Operating Humidity	0%-95%R.H
Communication Port	CAN, RS485, ETH
Parallel	Max. 10 cabinets
<b>Compliance</b>	
Safety & Certification	IEC62619, CE, EMC, UN38.3, UN3480

