EU-Box200

EURONET OUTDOOR BATTERY STORAGE – 215.04kWh

Outdoor LFP Battery Cabinet | Microgrid Storage



BATTERY CAPACITY (BOL) **215.04 kWh**	RATED VOLTAGE **768 V**
RATED CAPACITY **280 Ah**	IP RATING **IP55**
ANTICORROSION **Standard C4**	PARALLEL CABINETS **Up to 10**

OVERVIEW

The EURONET EU-Box200 is an outdoor lithium iron phosphate (LFP) energy storage cabinet built for regional microgrids such as small commercial districts, farms, islands and outdoor photovoltaic power stations. It stores 215.04kWh at 768V rated voltage, with 51.2V battery modules of 14.336kWh, an intelligent BMS and HVAC cooling. The IP55, C4 anti-corrosion cabinet integrates a smoke sensor and firefighting system, works from -20°C to 50°C, and up to 10 cabinets can be paralleled for up to 2.15MWh.

KEY FEATURES

Outdoor-Ready Cabinet
IP55 housing with Standard C4 anticorrosion grade, rated for -20°C to 50°C and 0%-95% R.H. humidity

215.04kWh LFP Storage
768V rated voltage (720-840V) and 280Ah capacity, built from 51.2V battery modules of 14.336kWh

Integrated Fire Safety
Smoke sensor and firefighting system built in, in a fireproof, high-temperature resistant cabinet

Real-Time Monitoring
7*24h monitoring and control with an intelligent BMS for more precise SOC, via CAN, RS485 and ETH

Modular, Easy Maintenance
Modular design of battery modules, BMS and control simplifies installation and everyday maintenance

Scalable to 2.15MWh
Up to 10 cabinets in parallel; 140/140A recommended and 140/200A max. charge/discharge current per unit

TECHNICAL NOTE

Battery capacity (BOL) 215.04kWh; rated voltage 768V (range 720-840V); 280Ah; LFP modules 51.2V / 14.336kWh. Recommended charge/discharge 140/140A, max. 140/200A. HVAC cooling, integrated firefighting, IP55, Standard C4. -20-50°C, 0%-95% R.H. 1050 × 1310 × 2340mm, max. 2150kg. CAN, RS485, ETH; max. 10 cabinets in parallel. IEC62619, CE, EMC, UN38.3, UN3480.

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EU-Box200

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EU-Box200
Cell Type	LFP
Installation	Outdoor cabinet
Application	Microgrids, farms, islands, PV plants
BATTERY PARAMETERS	
Module Nominal Voltage	51.2 V
Module Energy	14.336 kWh
Rated Capacity	280 Ah
Rated Voltage	768 V
Voltage Range	720–840 V
Battery Capacity (BOL)	215.04 kWh
Recommended Charge / Discharge	140 / 140 A
Max. Charge / Discharge	140 / 200 A
Cycle Life	Not available
COMMUNICATION & EXPANSION	
Communication Ports	CAN, RS485, ETH
Parallel	Max. 10 cabinets
Max. Parallel Capacity	Up to 2.15MWh
Monitoring	7*24h real-time, intelligent BMS

PARAMETER	SPECIFICATIONS
GENERAL PARAMETERS	
Dimensions (W × D × H)	1050 × 1310 × 2340 mm
Total Weight	Max. 2150 kg
IP Rating	IP55
Anticorrosion Grade	Standard C4
Cooling Mode	HVAC
Fire Fighting	Integrated · smoke sensor
Operating Temperature	-20–50°C
Operating Humidity	0%–95% R.H.
Altitude	Not available
COMPLIANCE	
Safety & Certification	IEC62619, CE, EMC, UN38.3, UN3480
CELL	
Cell Specification	Not available

**Specifications are subject to change without prior notice.*

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