

ECC2P Electrical & Control Cabinet

datasheet

· **Category:**

AC Busbar Distribution Cabinet

· **Application:**

Electrical equipment used for collecting, distributing, and managing AC power.

· **Benefits:**

**Safe and Reliable:** Efficient electrical protection to ensure long-term stable operation.

**Flexible Configuration:** Customizable configurations to suit various application scenarios.

**Efficient and Aesthetic:** Optimized design combining power management efficiency and visual appeal.

· **Hardwares:**

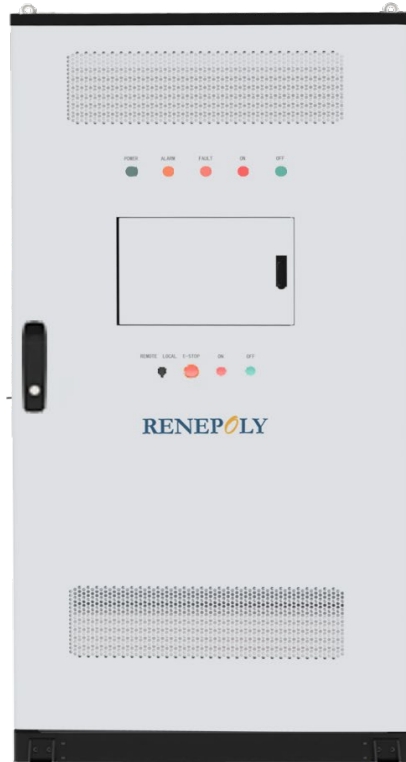
EMS local controller, smart touchscreen, network switch, 4G router, circuit breakers, etc.

· **Software:** EMS

· **Cloud Platforms:** Renepoly Cloud

· **Data Sheet:** ECC2P Control Cabinet Datasheet

· **User Manual:** ECC2P User Manual



## Technical Parameters

### Electrical Parameters

Rated Power	250kW
Maximum Power	275kW
Rated Voltage	400V
Rated Current	361A
Maximum Current	397A
Rated Input/Output Current Per Circuit	180A
Maximum Input/Output Current Per Circuit	198A
Maximum Number of Input/Output Channels	2

### System Parameter

Operating Temperature Range	-20~50°C
Operating Humidity Range	0~95%RH, No Condensation
Maximum Working Altitude	2000
Ingress Protection	IP54
Anti-corrosion Grade	C3
Installation Method	Floor-standing Type
Entry and Exit Method	Bottom in and Bottom out
Maintenance Method	Front Maintenance
Communication Interface	Modbus TCP/RS485
Adaptation System	TN-S
Dimension(W*D*H)	1070*893*2050mm(not include corner codes)
Weight	342±5kg

# The three components of the RENEPOLY Battery Energy Storage System

**BESS cabinet / BESS Container, Energy Management System and ReneCloud / ReneApp & energy services**



## 1. BESS cabinet / BESS Container

A business that generates and uses its own energy is well on the way towards independence.

In trades, gastronomy or agriculture – whatever your line of business, RENEPOLY battery storage systems reduce your dependence on energy suppliers and make you less vulnerable to price fluctuations and interruptions in supply.

Interested in RENEPOLY BESS Products? Simply scan the QR code to subscribe and access all the info you need about our products and special offers.



## 2. Microgrid Energy Management System

Energy flows can be recorded, controlled and monitored with the innovative RENEPOLY energy management system – consisting of the RENEPOLY Energy Manager System cabinet and the ReneCloud portal.

Want to explore renewable energy sources further? In a hurry? Book a meeting with us now—just scan the QR code right now. We can provide a free analysis and tailored one-stop solutions based on your needs. Looking forward to seeing you there!



## 3. ReneCloud / ReneApp and energy services

By setting individual operational strategies, you can combine a wide variety of applications and thus perfectly adapt the system to the needs of commerce and industry.

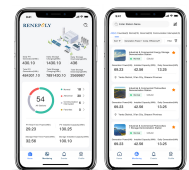
Curious about ReneCloud? Scan the QR code right now, register for a test account, and explore all the features of our energy management solution at your own pace. And if you need any help, we're happy to assist!



ReneCloud



APP Android download



ReneApp

This data sheet is strictly informational and is not legally binding. The exact specifications and/or product features (particularly in case of further development of the products) may differ somewhat from the information provided here.

Subject to errors and changes. Please read the safety and installation instructions carefully and completely before using the product. In case of purchase, the currently valid guarantee policies and the general terms and conditions of delivery and business of RENEPOLY apply.

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