



YOUR RENEWABLE ENERGY PARTNER



105kW / 233kWh All-in-One BESS

Industrial Peak Shaving | Diesel Optimization | PV + Storage | Backup Power

Suzhou COREY Power Supply Technology Co.,Ltd.

✉ sales@szcorey.com

🌐 www.szcorey.com

C&I BESS Cabinet: 105kW/233kWh

Items	Specification
PCS(AC side)	
Rated AC power	105kW
Rated current	167A
Output	3P4W+PE 230/400V
Overload capability	110% of rated power
Battery(DC side)	
Chemistry	LiFePO4
Rated capacity	280Ah
Power rate	0.5P
Battery pack configuration	1P52S
Battery rack configuration	1P260S
System rated voltage	832V
Operating voltage range	728-936V
System	
Rated energy	233kWh
Cycle life	8,000 Cycles, EOL ≥ 70%
Cooling system	Liquid cooling
Fire suppression	PACK grade (aerosol) + Cluster grade (aerosol + water spray)
Communication	CAN/RS485/Ethernet
Protection level	IP54 for cabinet, IP67 for pack
Weight	≤2800kg
Dimension(W*D*H)	1400*1380*2385 (mm)
Certification	IEC62619 IEC62477 IEC63056 IEC61000

105kW / 233kWh All-in-One BESS

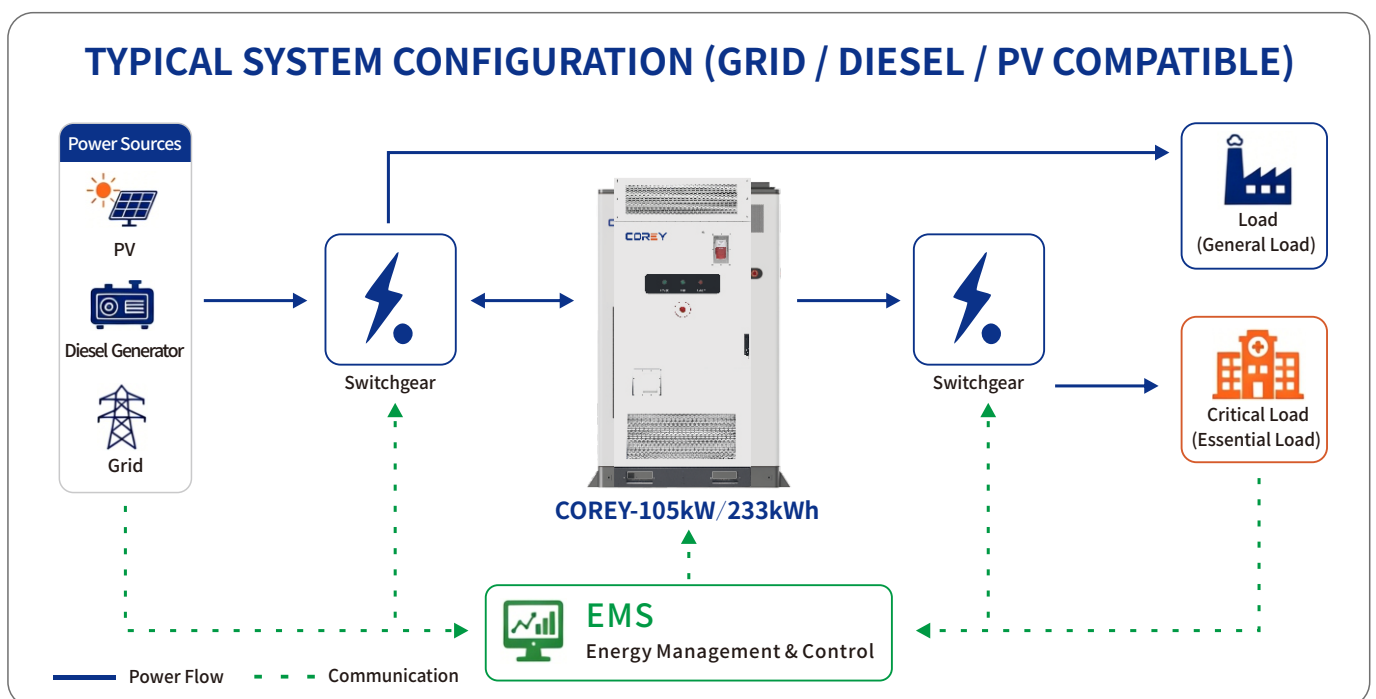


Key Advantages

- ▶ Up to 90% Efficiency | Maximize ROI
- ▶ Multi-layer Fire Protection | Enhanced Safety
- ▶ Scalable Architecture | Flexible Expansion
- ▶ Liquid Cooling | 30% Lower Auxiliary Power
- ▶ All-in-one Design | Fast Installation
- ▶ Smart EMS | Optimized Energy Management

Typical Applications

- ▶ Industrial Peak Shaving | Reduce electricity cost
- ▶ Diesel Optimization | Save fuel consumption
- ▶ PV + Storage | Maximize solar utilization
- ▶ Backup Power | Ensure uninterrupted operation



BUSINESS DISTRIBUTION



Subsidiary: Singapore, Bulgaria, Malaysia

Technology Service Centers: Poland, Germany, South Africa.

MAIN PRODUCTS





Product Service

Attestation of Conformity

No. N8A 129565 0001 Rev. 00

Holder of Attestation: **Suzhou COREY Power Supply Technology Co., Ltd.**

Building 28, Hefeng Industrial Park
No.2 Taishan Road, Huqiu District
215000 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System**
All-in-One Outdoor Energy Storage System

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704082567101-00

Date, 2025-07-15

(Kai Zhao)

Page 1 of 2

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



Product Service

Attestation of Conformity

No. N8A 129565 0001 Rev. 00

Model(s): COREY 233CE

Parameters:

AC Input	
Nominal AC Voltage	3/N/PE AC 230/400 V
Max. Nominal AC Current	AC 167 A
Nominal Power	105 kW
Power Factor Range	1(lead), ..., 1(lag)
Nominal Frequency	50/60 Hz
AC Output	
Nominal AC Voltage	3/N/PE AC 230/400 V
Max. Nominal AC Current	AC 167 A
Nominal Power	105 kW
Power Factor Range	1(lead), ..., 1(lag)
Nominal Frequency	50/60 Hz
General Parameter	
Battery Nominal Capacity	280 Ah
Battery Nominal Energy	232.96 kWh
Operating Ambient Temperature	0, ..., 50 °C (Charging) -20, ..., 50 °C (Discharging)
Ingress Protection	IP 54 (electronic compartment)
Protective Class	I

Tested according to:

EN 62477-1:2012/A12:2021
EN IEC 62040-1:2019/A11:2021

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Product Service

Attestation of Conformity

No. E8A 129565 0002 Rev. 00

Holder of Attestation: Suzhou COREY Power Supply
Technology Co., Ltd.

Building 28, Hefeng Industrial Park
No.2 Taishan Road, Huqiu District
215000 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Name of Object: Energy Storage System
All-in-One Outdoor Energy Storage System

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 4812825015000

Date, 2025-07-03

(Ming Gu)

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Product Service

Attestation of Conformity

No. E8A 129565 0002 Rev. 00

Model(s): COREY 233CE

Description of Object:

AC Input	
Nominal AC Voltage:	3/N/PE AC 230/400 V
Max. Nominal AC Current:	AC 167 A
Nominal Power:	105kW
Power Factor Range:	1(lead), ... , 1(lag)
Nominal Frequency:	50/60 Hz
AC Output	
Nominal AC Voltage:	3/N/PE AC 230/400 V
Max. Nominal AC Current:	AC 167 A
Nominal Power:	105kW
Power Factor Range:	1(lead), ... , 1(lag)
Nominal Frequency:	50/60 Hz
General Parameter	
Battery Nominal Capacity	280 Ah
Battery Nominal Energy:	232.96 kWh
Operation Ambient Temperature:	0°C ... 50°C(Charging) -20°C ... 50°C(Discharging)
Ingress Protection:	IP54 (electronic compartment)
Protection Class:	Class I

Tested according to: EN IEC 61000-6-2:2019
EN IEC 61000-6-4:2019

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Product Service

CERTIFICATE

No. Z2 129565 0004 Rev. 00

Holder of Certificate: Suzhou COREY Power Supply Technology Co., Ltd.

Building 28, Hefeng Industrial Park
No.2 Taishan Road, Huqiu District
215000 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Batteries
(Rechargeable Li-ion Battery System)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5012625001334-00

Valid until: 2030-05-20

Date, 2025-08-04

(Marco Frank)



CERTIFICATE

No. Z2 129565 0004 Rev. 00

Model(s): COREY 233CE-R05S

Brand Name: COREY



Parameters: Nominal Voltage: DC 832 V
Rated Capacity: 280 Ah
IEC 62619:2022

Tested according to:



Product Service

CERTIFICATE

No. B 129565 0003 Rev. 00

Holder of Certificate: Suzhou COREY Power Supply
Technology Co., Ltd.
Building 28, Hefeng Industrial Park
No.2 Taishan Road, Huqiu District
215000 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: Batteries
(Rechargeable Li-ion Battery System)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 5012625001335-00

Valid until: 2029-10-15

Date, 2025-08-04

(Marco Frank)



CERTIFICATE

No. B 129565 0003 Rev. 00

Model(s): COREY 233CE-R05S

Brand Name: COREY



Parameters:
Nominal Voltage: DC 832 V
Rated Capacity: 280 Ah

Tested according to: IEC 63056:2020