



Ref. Certif. No.

DE 2-042123-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

Hybrid inverter

Name and address of the applicant

NingBo Deye Inverter Technology Co., Ltd.  
No. 26 South YongJiang Road, Daqi,  
Beilun NingBo, 315800 Zhejiang, P.R. China

Name and address of the manufacturer

NingBo Deye Inverter Technology Co., Ltd.  
No. 26 South YongJiang Road, Daqi,  
Beilun NingBo, 315800 Zhejiang, P.R. China

Name and address of the factory

NingBo Deye Inverter Technology Co., Ltd.  
No. 26 South YongJiang Road, Daqi,  
Beilun NingBo, 315800 Zhejiang, P.R. China

Ratings and principal characteristics

See page 2

Trademark (if any)

Deye (LOGO)

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

SUN-xK-SG05LP1-EU  
(variable x can be: 3.6,4.6,5.6,7.6,8,10)  
additional models see page 2

Additional information (if necessary may  
also be reported on page 2)

Re-issue of DE 2-042123 dated 2024-06-20, due to first  
modification.  
Detail information refer to test report CN24PB8V 002

A sample of the product was tested and  
found to be in conformity with

IEC 62109-2:2011  
IEC 62109-1:2010

As shown in the Test Report Ref. No. which  
forms part of this Certificate

CN24PB8V 002

This CB Test Certificate is issued by the National Certification Body



**TÜVRheinland**®

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Web: www.tuv.com

Date: 2025-08-13

Signature:

A. Chen

**Additional information :**

Type Designation : 1) SUN-xK-SG05LP1-EU  
(variable x can be: 3.6,4.6,5,6,7,7.6,8,10),  
2) SUN-xK-SG05LP1-EU-SM2  
(variable x can be: 3.6,5,6,7,7.6,8,10),  
3) AI-W5.1-xP1-EU-B  
(variable x can be: 3.6,5,6,7,7.6,8,10),  
4) SUN-xK-SG05LP1-EU-AM2-P  
(variable x can be: 3.6,5,6,7,7.6,8,10),  
5) SUN-xK-SG05LP1-EU-SM2-P  
(variable x can be: 3.6,5,6,7,7.6,8,10),  
6) AI-W5.1-xP1-EU(variable x can be: 3.6,5,6,7.6,8)  
Max. PV Input Voltage : 500V d.c.  
Max. Battery Voltage : 60V d.c.