

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50686679 0002

Berichtsnummer Report No.:

CN25DFMB 002

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

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

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

IEC 62477-1:2012+A1
EN 62477-1:2012+A11+A1+A12
IEC 62477-1:2022
EN IEC 62477-1:2023

Geräteidentifikation
Product Identification
Produkt:

Product: Converter
(Energy Storage Converter)

Modell:

Type: Modelle sind auf nächste(r) Seite(n) gelistet
Type designation(s) are listed on the next page(s)

Technische Daten:

Technical Data: Refer to next page(s)
ANLAGE (Appendix): 1.1

Gültig ab:

Valid from:

2026-03-12

Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

Date of issue:

2026-03-12

A. Chen



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Precisely Right.

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50686679 0002

Berichtsnummer *Report No.:*

CN25DFMB 002

Produkt *Product:*

 Converter
 (Energy Storage Converter)

Modell *Type:*
Bezeichnung *Designation:*

 As R 50686679 001
 -Addition

For model:

- 1) SUN-100K-PCS01HP3-B ,
- 2) SUN-125K-PCS01HP3-B

BAT side

Vmax DC [Vd.c.]	:	1000
Voltage Range [Vd.c.]	:	630-1000
Max. current [Ad.c.]	:	1) 175, 2) 200
Overvoltage Category (OVC)	:	II

DC MPPT side

Voltage Range [Vd.c.]	:	630-1000
Max. Current.[Aa.c.]	:	200
Overvoltage Category (OVC)	:	II

AC side

Rated Volt [Va.c.]	:	3L/N/PE, 220/380, 230/400
Rated Frequency [Hz]	:	50/60
Rated AC input/output power [kW]	:	1) 100, 2) 125
Max. AC input/output apparent power [kVA]	:	1) 110, 2) 125
Rated AC input/output current [Aa.c.]	:	1) 151.6/145.0, 2)189.4/181.2
Max. AC input/output current [Aa.c.]	:	1) 166.7/159.5, 2)189.4/181.2
Power Factor	:	1.0 leading-1.0 lagging
Overvoltage Category (OVC)	:	III

Protective Class

Ingress Protection (IP)	:	I
Pollution Degree (PD)	:	IP20
Operating Temperature [°C]	:	PD2
Altitude [m]	:	-40 to 60, >45 derating
Type of Inverter	:	4000
	:	Non isolated

Remark(s):

The installation has to be carried out according to the installation instruction specified by the manufacturer. Any additional requirements in countries where the product is going to be marketed have to be considered additionally.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50716328 0001
Report No.: CN25DFMB 002
Holder: NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South Yongjiang Road, Daqi,
Beilun NingBo
315800 Zhejiang
P.R. China
Product: Converter
(Energy Storage Converter)

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date: 2026-03-12


A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50716328 0001

Product: Converter
(Energy Storage Converter)

Identification: Type Designation
1) SUN-100K-PCS01HP3 ,
2) SUN-125K-PCS01HP3 ,
3) SUN-100K-PCS01HP3-B ,
4) SUN-125K-PCS01HP3-B

Remark(s): Issued in conjunction with TÜV Rheinland
license R 50686679 0001-0002



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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