Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0001

Berichtsnummer *Report No.:*
CN25W3KP 001

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:*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID 1111304485

Geprüft nach *Tested according to:*
IEC 62109-1:2010
EN 62109-1:2010

Geräteidentifikation
Product Identification

Produkt: *Product:*	Converter (MPPT module)
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): 1.0

Gültig ab: *Valid from:* 2025-07-18

Ausstellungsdatum: *Date of issue:* 2025-07-19

Zertifizierungsstelle: *Certification body:*

Bowen Dong

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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
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0001

Berichtsnummer *Report No.:*
CN25W3KP 001

Produkt *Product:* Converter
(MPPT module)

Modell *Type:* **Bezeichnung** *Designation:*
SUN-MPPT-L01-EU-AM8

For PV input side	:
Vmax PV [Vd.c.]	: 1000
Isc PV [Ad.c.]	: 60+60+60+60+60+60+60+60
MPP Voltage Range [Vd.c.]	: 450-850
Max. Input Current [Ad.c.]	: 40+40+40+40+40+40+40+40
Overvoltage Category (OVC)	: II for PV
For DC output side	:
Rated Output Voltage Range [Vd.c.]	: 630-1000
Max. Output Current [Ad.c.]	: 200
Overvoltage Category (OVC)	: II for DC
Protective Class	: Class I
Ingress Protection (IP)	: IP65
Pollution Degree (PD)	: PD3
Altitude[m]	: ≤4000
Operating Temperature [ºC]	: -40 to 60 (> 45 derating)
Type of converter	: PV to DC 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.

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50686459 0001

Report No.: CN25W3KP 001

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

Product: Converter
(MPPT module)

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: 2025-07-19

Bowen Dong

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TÜVRheinland
Zertifizierungsstelle

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50686459 0001

Product: Converter
(MPPT module)

Identification: Type Designation
SUN-MPPT-L01-EU-AM8

Remark(s): Issued in conjunction with TÜV Rheinland
license R 50686449 0001

TÜV Rheinland LGA Products GmbH
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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0002

Berichtsnummer *Report No.:*
CN25W3KP 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:*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID 1111304485

Geprüft nach *Tested according to:*
IEC 62109-1:2010
EN 62109-1:2010

Geräteidentifikation
Product Identification

Produkt: *Product:*	Converter (MPPT module)
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:* 2025-10-29

Ausstellungsdatum: *Date of issue:* 2025-10-29

Zertifizierungsstelle: *Certification body:*

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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
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0002

Berichtsnummer *Report No.:*
CN25W3KP 002

Produkt *Product:* Converter
(MPPT module)

Modell *Type:* **Bezeichnung** *Designation:*
As R 50686449 0001

Modification:

SUN-MPPT-L01-EU-AM8

Change Vmax PV
from 1000Vd.c. to 800Vd.c.
Change MPP Voltage Range
from 450-850Vd.c. to 180-750Vd.c.

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.

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.:	AN 50700203 0001
Report No.:	CN25W3KP 002
Holder:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJiang Road, Daqi, Beilun NingBo 315800 Zhejiang P.R. China
Product:	Converter *(MPPT module)*

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: 2025-10-29

Bowen Dong

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50700203 0001

Product: Converter
(MPPT module)

Identification: Type Designation
SUN-MPPT-L01-EU-AM8

Remark(s): Issued in conjunction with TÜV Rheinland
license R 50686449 0001-0002

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0003

Berichtsnummer *Report No.:*
CN25W3KP 007

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:*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID 1111304485

Geprüft nach *Tested according to:*
IEC 62109-1:2010
EN 62109-1:2010

Geräteidentifikation
Product Identification

Produkt: Converter
Product: (MPPT module)

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

Technische Daten: Refer to next page(s)
Technical Data: ANLAGE (Appendix): 1.2

Gültig ab: 2026-10-27
Valid from:

Ausstellungsdatum: 2026-10-27
Date of issue:

Zertifizierungsstelle:
Certification body:

Bowen Dong

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Zertifizierungsstelle

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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
http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50686449 0003

Berichtsnummer *Report No.:*
CN25W3KP 007

Produkt *Product:* Converter
(MPPT module)

Modell *Type:* **Bezeichnung** *Designation:*
As R 50686449 0001 to 0002

Modification:
1.Change ANLAGE (Appendix) from 1.1 to 1.2 for adding some
alternative components, see CDF for details.
2.Add new models: SUN-MPPT-L01-EU-AM8-P, SUN-MPPT-L01-EU-AM10.

Type Designation:
1) SUN-MPPT-L01-EU-AM8-P , 2) SUN-MPPT-L01-EU-AM10

For PV input side	:
Vmax PV [Vd.c.]	: 800
Isc PV [Ad.c.]	: 1)72+72+72+72+72+72+72+72, 2)60+60+60+60+60+60+60+60+60+60
MPPT Voltage Range [Vd.c.]	: 180-750
Max. Input Current [Ad.c.]	: 1)48+48+48+48+48+48+48+48, 2)40+40+40+40+40+40+40+40+40+40
Overvoltage Category (OVC)	: II for PV
For DC output side	:
Rated Output Voltage Range [Vd.c.]	: 630-1000
Max. Output Current [Ad.c.]	: 250
Overvoltage Category (OVC)	: II for DC
Protective Class	: Class I
Ingress Protection (IP)	: IP65
Pollution Degree (PD)	: PD3
Altitude[m]	: ≤4000
Operating Temperature [°C]	: -40 to 60 (> 45 derating)
Type of converter	: PV to DC 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.

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.:	AN 50748610 0001
Report No.:	CN25W3KP 007
Holder:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJiang Road, Daqi, Beilun NingBo 315800 Zhejiang P.R. China
Product:	Converter *(MPPT module)*

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: 2026-10-27

Bowen Dong

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TÜVRheinland
Zertifizierungsstelle

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C E R T I F I C A T E

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50748610 0001

Product: Converter
(MPPT module)

Identification: Type Designation
SUN-MPPT-L01-EU-AM8 ,
SUN-MPPT-L01-EU-AM8-P ,
SUN-MPPT-L01-EU-AM10

Remark(s): Issued in conjunction with TÜV Rheinland license R 50686449 0001-0003.

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TÜVRheinland
Zertifizierungsstelle

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