

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50746300 0001

Berichtsnummer Report No.:

CN26SM0F 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:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111322907

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification

Produkt: Energy Storage System
Product: (Stackable Energy Storage System)
Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: Type designation(s) are listed on the next page(s)
Technische Daten: Refer to the next page(s)
Technical Data: ANLAGE (Appendix): 1.0

Gültig ab: 2026-09-18
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2026-09-18
Date of issue:

Bowen Dong



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

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

www.tuv.com

 **TÜVRheinland®**
Precisely Right.

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Produkt *Product:* Energy Storage System
(Stackable Energy Storage System)

Modell *Type:* **Bezeichnung** *Designation:*
1) SUN-10K-SG05LP3-EU-TM2,
2) SUN-12K-SG05LP3-EU-TM2

For PV side	: See below
Vmax PV [Vd.c.]	: 800
MPPT Voltage Range [Vd.c.]	: 200-650
Isc PV [Ad.c.]	: 39+39
Max. Input Current [Ad.c.]	: 26+26
Overvoltage Category (OVC)	: II

For Battery side	: See below
Battery Type	: LiFePO4
Voltage Range [Vd.c.]	: 41.6-58.4
Max. Charge Current [Ad.c.]	: 1) 210, 2) 240
Max. Discharge Current [Ad.c.]	: 1) 210, 2) 240
Overvoltage Category (OVC)	: II

For On-grid port	: See below
Nominal Input / Output Voltage [Va.c.]	: 3L/N/PE, 220/380, 230/400
Nominal Input / Output Frequency [Hz]	: 50/60
Rated Input / Output Power [kW]	: 1) 10, 2) 12
Rated Input / Output Current [Aa.c.]	: 1) 15.2/14.5, 2) 18.2/17.4
Max. Input / Output Apparent Power [kVA]	: 1) 11, 2) 13.2
Max. Input / Output Current [Aa.c.]	: 1) 16.7/16, 2) 20/19.2
Power Factor	: 0.8 leading-0.8 lagging
Overvoltage Category (OVC)	: III

For GEN Port	: See below
Nominal Input Voltage [Va.c.]	: 3L/N/PE, 220/380, 230/400
Nominal Input Frequency [Hz]	: 50/60
Rated Input Current [Aa.c.]	: 24

For Off-grid side	: See below
Nominal Output Voltage [Va.c.]	: 3L/N/PE, 220/380, 230/400
Nominal Output Frequency [Hz]	: 50/60
Max. Output Power [kVA]	: 1) 11, 2) 13.2
Max. Output Current [Aa.c.]	: 1) 16.7/16, 2) 20/19.2

Protective Class	: I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: PD3



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Produkt *Product:*

Energy Storage System
(Stackable Energy Storage System)

Modell *Type:*

Bezeichnung *Designation:*

Max. Altitude[m]

: 3000

Operating Temperature [°C]

: Charge: 1 ~ 55 / Discharge:
-20 ~ 55, >45 Derating

Type of Energy storage system

: Non-Isolated(solar),
Isolated(battery)

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.

