LYNS-TCi

KONFORMITÄTSBESCHEINIGUNG / *CERTIFICATE OF CONFORMITY*

Zertifikat-Nr. / *Certificate No.*: **LS260289GCC-0**

Ausstellungsdatum / *Date of issue*: 2026-09-30

Gültig bis / *Valid until*: Unbefristet / *Indefinitely*

Antragsteller / *Applicant*:
JIANGSU THINKPOWER NEW ENERGY CO.,LTD
1F, Building C3, Phase II, Entrepreneurship Park, No.11 Yongning Road, Yixing Economic and Technological Development Zone

Produkt / *Product*:
☐ Separate / *Separate* ☒ Integrierte / *Integrated*
Selbsttätige Freischaltstelle / A*utomatic disconnection device*
Zugeordnet zu Erzeugungseinheit Typ / *Assigned to power generation unit of type:*
(PV - Wechselrichter / *PV Inverter*)
S1000TL, **S1500TL**, **S2200TL**, **S3000TL**, **S3600TL**, **S4400TL**, **S5000TL**, **S6000TL**

Technische Daten / *Technical data*:
Bemessungsspannung / *Rated voltage* 230 V
Bemessungsfrequenz / *Nominal frequency* 50 Hz
(Weitere Einzelheiten siehe A.2 auf S.2 / For further details see A.2 on p.2.)

Handelsmarke / *Trademark*: ThinkPower

Software Version: V101

Prüfgrundlage / *Test specification*:
DIN VDE V 0126-1-1 (VDE V 0126-1-1):2013-08
Selbsttätige Schaltstelle zwischen einer netzparallelen Eigenerzeugungsanlage und dem öffentlichen Niederspannungsnetz

Zertifizierungsprogramm / *Certification scheme*:
CMPD-01

Prüfbericht-Nr./ *Test report no.*:
LS2A26080306EGDE01 (2026-09-29)

Dieses Zertifikat bestätigt, dass das / die oben genannte(n) Produkt(e) mit der entsprechenden Software zum Zeitpunkt der Ausstellung des Zertifikats die Anforderungen der oben aufgeführten Prüfgrundlage erfüllen. Weitere Informationen zur Bewertung, einschließlich der Bedingungen, finden Sie im Anhang A.4 Hinweise / Notes auf Seite 2. / *This certificate confirms that the above-mentioned product(s) with the corresponding software meet the requirements of the test specification listed above at the time of issuance of the certificate. Further information on the assessment, including its conditions, can be found in Annex A.4 Hinweise / Notes on p.2.*

This certificate is issued as a **Type 1a Certification in accordance with ISO/IEC 17067**. It is based solely on type testing of the identified sample product(s) and the specific tests undertaken. It does not extend to production or ongoing manufacturing.

No certification mark is authorized for this certification scheme. No factory surveillance or follow-up is performed. This certificate becomes **void** if any modification is made to the certified product, its installation, erection, or commissioning that may affect compliance with the evaluated requirements.

This certificate does not imply LYNS's endorsement, approval, certification, or ongoing control of the product(s), either in terms of performance, design, manufacture, or materials used. The certificate and the results stated herein relate solely to the sample product(s) tested and to the specific tests undertaken.

The certificate will remain valid for the stated period provided that no changes are made to the product, production method, or relevant certification scheme. This certificate is only valid when it is also found at http://www.lyns-tci.com/en/certificate-search or by contacting Lyns-tci Technology Guangdong Co., Ltd..

This certificate is for the exclusive use of LYNS's Client and is provided pursuant to the agreement between LYNS and its Client. LYNS's responsibility and liability are limited to the terms and conditions of the agreement. LYNS assumes no liability to any party other than the Client, in accordance with the agreement, for any loss, expense, or damage occasioned by the use of this certification.

The certificate is comprised of 2 pages (including Annex of 1 pages).

Dongguan, 2026-09-30

Digitally signed by Weizhao Zheng
Date: 2026.09.30 16:09:23 +08'00'

Dipl.-Ing. Weizhao Zheng
Head of certification body

IAS ACCREDITED Product Certification Agency PCA-159

Certification body Lyns-tci Technology Guangdong Co., Ltd. accredited according to ISO/IEC 17065 for product certification.

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Release No.: 1.1 (2023)

Anhang zum Zertifikat Nr. / *Annex to the Certificate No.*: **LS260289GCC-0**

A.1 Revisionshistorie des Zertifikats / *Revision history of the certificate*

Rev. Nr. / *Rev. No.*	Datum / *Date*	Änderungen / *Changes*
Rev. 0	2026-09-30	Erstausgabe / *Initial issue*

A.2 Technische Daten der zugeordneten Erzeugungseinheit(en) / *Technical data of the assigned generating unit(s)*

Modell / *Model*	S1000TL	S1500TL	S2200TL	S3000TL
Max. DC-Eingangsspannung / *Max. DC Input voltage* [V]	550			
MPPT-Spannungsbereich / *Operating MPPT voltage range* [V]	70 - 450		100 - 450	
Max. DC-Eingangsstrom / *Max. input DC current* [A]	18			
Anschlussphasen / Connection phases	1 (einphasig / *single-phase*)			
AC-Nennspannung / *Nominal output AC voltage* [V]	230 V, 50 Hz, L + N + PE			
Max. Ausgangsstrom / *Max. output AC current* [A]	6.0	8.0	12.0	16.0
Nennwirkleistung / *Nominal active output power* [W]	1000	1500	2200	3000
Max. Scheinleistung/ *Max. apparent output power* [VA]	1100	1650	2420	3300

Modell / *Model*	S3600TL	S4400TL	S5000TL	S6000TL
Max. DC-Eingangsspannung / *Max. DC Input voltage* [V]	550			
MPPT-Spannungsbereich / *Operating MPPT voltage range* [V]	100 - 450	100 - 500		
Max. DC-Eingangsstrom / *Max. input DC current* [A]	18	30		
Anschlussphasen / Connection phases	1 (einphasig / *single-phase*)			
AC-Nennspannung / *Nominal output AC voltage* [V]	230 V, 50 Hz, L + N + PE			
Max. Ausgangsstrom / *Max. output AC current* [A]	18.0	21.0	23.0	28.0
Nennwirkleistung / *Nominal active output power* [W]	3600	4400	5000	6000
Max. Scheinleistung/ *Max. apparent output power* [VA]	3960	4840	5500	6600

Betriebstemperaturbereich / *Operating temperature range*	-25°C - 60°C
Schutzart / *Degree of protection*	IP65 (nach / *according to* EN 60529)
Schutzklasse / *Protection class*	I (nach / *according to* IEC 62109-1)
Topologie / *Topology*	transformatorlos / *transformerless*

Software Version	V101

Hersteller / *Manufacturer*	**JIANGSU THINKPOWER NEW ENERGY CO.,LTD** 1F, Building C3, Phase II, Entrepreneurship Park, No.11 Yongning Road, Yixing Economic and Technological Development Zone

A.3 Bemerkungen zur Typprüfung / *Remarks for type testing*

Prüflabor / *Testing laboratory*	**Lyns-tci Technology Guangdong Co., Ltd.** Room 1201, Unit 2, Building 18, No. 7, Science and Technology Boulevard, Houjie Town, Dongguan City, Guangdong, 523960 P.R.C (Akkreditiert nach / *Accredited acc.* ISO/IEC 17025: A2LA Akkreditierungs-Nr. / *Accreditation no.* 5200.02)
Testort / *Testing location*	Gleich wie oben / *Same as above*
Messzeitraum / *Measurement period*	2026-08-04 - 2026-09-15

A.4 Hinweise / *Notes*

Die sichtbare Kennzeichnung "VDE V 0126-1-1" muss auf Projektebene berücksichtigt werden. / *The visible marking "VDE V 0126-1-1" must be taken into account at project level.*