Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*
R 50694170 0001

Berichtsnummer *Report No.:*
CN24VOUT 002

Genehmigungsinhaber *License Holder:*
TCL photovoltaic technology (Shenzhen) Co., Ltd.
D301, Building A3, No. 2533 Guanguang Road, Fenghuang Community, Fenghuang Street, Guangming District, Shenzhen
518132 Guangdong
P.R. China

Fertigungsstätte *Manufacturing Site:*
040-0002391566

Prüfzeichen *Test Mark:*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production Surveillance
www.tuv.com
ID 1111306790

Geprüft nach *Tested according to:*
IEC 62109-2:2011
IEC 62109-1:2010
EN 62109-2:2011
EN 62109-1:2010

Geräteidentifikation
Product Identification

Produkt: *Product:*	Inverter (Hybrid Inverter)
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)
Gültig ab: *Valid from:*	2025-09-29
Ausstellungsdatum: *Date of issue:*	2025-09-29

Zertifizierungsstelle: *Certification body:*

Dean Cao

TÜV Rheinland LGA Products GmbH – TÜVRheinland® – Zertifizierungsstelle

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

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Produkt *Product:* Inverter
(Hybrid Inverter)

Modell *Type:* **Bezeichnung** *Designation:*
1) SP-ARSH-3.6kW-G1 , 2) SP-ARSH-4.6kW-G1 ,
3) SP-ARSH-5kW-G1 , 4) SP-ARSH-6kW-G1 ,
5) SP-ARSH-8kW-G1 , 6) SP-ARSH-10kW-G1

Vmax PV[Vd.c.]	: 600
Isc PV[Ad.c.]	: 1)-4) 22*2 5)-6) 22*4
MPP Voltage Range[Vd.c.]	: 50-560
Max. Input Current[Ad.c.]	: 1)-4) 16*2 5)-6) 16*4
Overvoltage Category(OVC)	: II for PV
Rated Input Volt.[Va.c.]	: L/N/PE, 220/230/240
Rated Output Volt.[Va.c.]	: L/N/PE, 220/230/240
Rated Input / Output Freq.[Hz]	: 50/60
Rated Output Power[kW]	: 1) 3.68 2) 4.6 3) 5 4.999 for Australia 4) 6 5) 8 6) 10 9.999 for Australia
Max. AC Output Current[Aa.c.]	: 1) 16 2) 20 3) 21.8 4) 26.1 5) 34.8 6) 43.5
Max. AC Input Current[Aa.c.]	: 1) 32 2) 40 3) 43.5 4) 52.2 5) 63 6) 63
Power Factor	: 0.8(leading),0.80(lagging)
Overvoltage Category(OVC)	: III for AC mains
EPS Rated Output Volt. [Va.c.]	: L/N/PE, 220/230/240
EPS Rated Output Freq. [Hz]	: 50/60
EPS Rated Output Power [kW]	: 1) 3.68 2) 4.6 3) 5 4.999 for Australia 4) 6 5) 8 6) 10 9.999 for Australia
EPS Max. Output Current[Aa.c.]	: 1) 16 2) 20 3) 21.8 4) 26.1 5) 34.8 6) 43.5
Overvoltage Category (OVC)	: III for EPS

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CN24VOUT 002

Produkt *Product:* Inverter
(Hybrid Inverter)

Modell *Type:* **Bezeichnung** *Designation:*

VMAX BAT [Vd.c.]	: 500
Battery type	: LiFePO4
Voltage Range [Vd.c.]	: 80-500
Max. Charge/Discharge Current [A d.c.]	: 50
Overvoltage Category (OVC)	: II for Battery
Protective Class	: Class I
Ingress Protection (IP)	: IP65
Pollution Degree (PD)	: PD2 (inside) PD3(outside)
Altitude[m]	: ≤3000
Operating Temperature [°C]	: -25 to +60(> 45 derating)
Type of Inverter	: 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.

TÜV Rheinland LGA Products GmbH
TÜVRheinland
Zertifizierungsstelle

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