

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.* R 50522915
Blatt *Sheet* 0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>Date of Issue</i>
168330510	02--CN21VWR3 001	16.11.2021	(day/mo/yr)

Genehmigungsinhaber *License Holder*
Shenzhen Growatt New Energy Co., Ltd.
4-13/F, Building A,
Sino-German(Europe) Industrial Park
Hangcheng Ave,
Bao'an District, Shenzhen, Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111246540

Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Inverter (Hybrid Inverter)

Type Designation	: MOD 3000TL3-XH, MOD 4000TL3-XH, MOD 5000TL3-XH, MOD 6000TL3-XH, MOD 7000TL3-XH, MOD 8000TL3-XH, MOD 9000TL3-XH, MOD 10KTL3-XH	17
Vmax PV [Vd.c.]	: 1100	
Isc PV [Ad.c.]	: 20/20	
MPP Voltage Range [Vd.c.]	: 140-1000	
Max. Input Current [Ad.c.]	: 16/16	
Battery Operating voltage Range [Vd.c.]	: 600-950	
Battery Operating Current Range [Ad.c.]	: 11	
Overvoltage Category (OVC)	: II for DC Side	
Rated Output Volt. [Va.c.]	: 3W/N/PE, 230/400	
Rated Output Freq. [Hz]	: 50 / 60	
Rated Output Power. [kW]	: 3, 4, 5, 6, 7, 8, 9, 10	
Max. Output Current. [Aa.c.]	: 5, 6.7, 8.3, 10.0, 11.7, 13.3 15.0, 16.7	
Power Factor	: [-0.80, 0.80]	
Overvoltage Category (OVC)	: III for AC mains	

Continued on page 0002

ANLAGE (Appendix): 1.0

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



A. Chen

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50522915

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
168330510

Unser Zeichen *Our Reference*
02--CN21VWR3 001

Ausstellungsdatum *Date of Issue*
16.11.2021 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Shenzhen Growatt New Energy
Co., Ltd.
4-13/F, Building A,
Sino-German(Europe) Industrial Park
Hangcheng Ave,
Bao'an District, Shenzhen, Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

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**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

PV-Inverter (Hybrid Inverter)

as page 0001 continuation
Protective Class : Class I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD3
Altitude [m] : ≤3000
Operating Temperature [°C] : -30 to 60 (> 45 derating)
Type of Inverter : Non-isolated

Remark(s): The installation has to be carried out according
the attached installation instruction.
Any additional requirements in countries where the product
is going to be marketed have to be considered additionally.

ANLAGE (Appendix) : 1.0

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



A. Chen

Anlage Fertigungsstättenliste
/Attachment List of Factories



R 50522915 0001

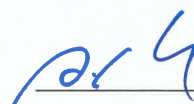
1 Guangdong Growatt New Energy Co., Ltd.
Growatt Industrial Park, No.17 Pingheng
Road Pingtan Town, Huiyang District,
Huizhou,
P.R. China



Zertifizierungsstelle
/ Certification Body

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 16.11.2021


A. Chen

Shenzhen Growatt New Energy Co.,
Ltd.

Date : 16.11.2021
Our ref. : 02
Your ref.: 168330510

4-13/F, Building A,
Sino-German(Europe) Industrial
Park,
Hangcheng Ave,
Bao'an District, Shenzhen,

Ref : R TÜV-Mark Approval

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : R 50522915 0001
Report No. : CN21VWR3 001

Dear Ladies and Gentlemen,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body



A. Chen

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询