

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50507296

Blatt *Sheet*  
0001

Ihr Zeichen *Client Reference*  
168298733

Unser Zeichen *Our Reference*  
02--CN21VCCN 001

Ausstellungsdatum *Date of Issue*  
10.06.2021 (day/mo/yr)

**Genehmigungsinhaber *License Holder***

Shenzhen Growatt New Energy Co., Ltd. 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyuan Street, Bao'an District, Shenzhen, Guangdong P.R. China

**Fertigungsstätte *Manufacturing Plant***

Refer to latest revision of the annex list of factories

**Prüfzeichen *Test Mark***



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111240926

Geprüft nach *Tested acc. to*  
IEC 62040-1:2017

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

Lizenzentgelte - Einheit  
*License Fee - Unit*

**Batterie**

Type Designation: ARK 5.1H-A1, ARK 7.6H-A1, ARK 10.2H-A1,  
ARK 12.8H-A1, ARK 15.3H-A1, ARK 17.9H-A1,  
ARK 20.4H-A1, ARK 23.0H-A1, ARK 25.6H-A1

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BATTERY Voltage Range [Vd.c.]:

94.4~113.6, 141.6~170.4, 188.8~227.2,  
236~284, 283.2~340.8, 330.4~397.6,  
377.6~454.4, 424.8~511.2, 472~568

Rated Input current [Ad.c.] : 25  
Max Input current [Ad.c.] : 48  
Rated Output current [Ad.c.] : 25  
Max Output current [Ad.c.] : 48  
Rated energy [kWh] : 4.608, 6.912, 9.216,  
11.52, 13.82, 16.13, 18.43, 20.74, 23.04  
Rated capacity [Ah] : 45  
Overvoltage Category (OVC) : II for DC  
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**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety



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A. Chen

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50507296

Blatt *Sheet*  
0002

Ihr Zeichen *Client Reference*  
168298733

Unser Zeichen *Our Reference*  
02--CN21VCCN 001

Ausstellungsdatum *Date of Issue*  
10.06.2021 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Shenzhen Growatt New Energy  
Co., Ltd. 2F and 3F, Building 4,  
Jiayu Company Industrial Park,  
Xibianling, Shangyu Village,  
Shiyan Street, Bao'an District,  
Shenzhen, Guangdong  
P.R. China

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

**Prüfzeichen *Test Mark***



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

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**Geprüft nach *Tested acc. to***  
IEC 62040-1:2017

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

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

## Batterie

as page 0001 continuation

Protective Class: Class I  
Ingress Protection (IP): IP65  
Pollution Degree (PD): PD3  
Altitude [m]: ≤2000  
Operating Temperature [°C]: -10 to 50

### Remark(s):

The installation has to be carried out according to 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. Zusätzlich 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.*

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A. Chen

**Anlage Fertigungsstättenliste  
/Attachment List of Factories**




R 50507296 0001

1 Huizhou Desay Battery Co., Ltd  
Building C, Yalun Company,  
Jinda Road, Huinan High-tech Industrial Park,  
Huihao Avenue, Huizhou  
Guangdong  
P.R. China



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

Datum / Date 10.06.2021

  
A. Chen

Shenzhen Growatt New Energy Co.,  
Ltd. 2F and 3F, Building 4,

Date : 10.06.2021  
Our ref. : 02  
Your ref.: 168298733

Jiayu Company Industrial Park,  
Xibianling, Shangyu Village,  
Shiyan Street, Bao'an District,  
Shenzhen,  
Guangdong

**Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.**

Type of Equipment : Batterie  
Model Designation : See Certificate  
Certificate No. : R 50507296 0001  
Report No. : CN21VCCN 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](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询