

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*      Blatt *Sheet*  
R 50518015                              0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
168298733	02--CN216WCU 001	17.09.2021	(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 1111244727

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

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

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

Battery ARK High Voltage Battery System

Type Designation	: ARK 5.1XH-A1, ARK 7.6XH-A1, ARK 10.2XH-A1, ARK 12.8XH-A1, ARK 15.3XH-A1, ARK 17.9XH-A1, ARK 20.4XH-A1, ARK 23.0XH-A1, ARK 25.6XH-A1	18
BATTERY Voltage Range [Vd.c.]	: 360~550, 360~950, 360~950, 360~950, 360~950, 400~950, 550~950, 580~950, 640~950	
Max Input current [Ad.c.]	: 21	
Max Output current [Ad.c.]	: 21	
Nominal energy [kWh]	: 5.12, 7.68, 10.24, 12.8, 15.36, 17.92, 20.48, 23.04, 25.6	
Rated capacity [Ah]	: 45	
Overvoltage Category (OVC)	: II for DC	

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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.*      Blatt *Sheet*  
R 50518015                              0002

Ihr Zeichen *Client Reference*              Unser Zeichen *Our Reference*              Ausstellungsdatum      *Date of Issue*  
168298733                              02--CN216WCU 001              17.09.2021              (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*                      Geprüft nach *Tested acc. to*  
                      IEC 62040-1:2017

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Safety  
Regular Production  
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www.tuv.com  
ID 1111244727

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

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

Battery ARK High Voltage Battery System

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

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**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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Fax: +49 221 806-3935



  
A. Chen

**Anlage Fertigungsstättenliste**  
**/Attachment List of Factories**



R 50518015 0001

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



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

Datum / Date 17.09.2021

A handwritten signature in blue ink, appearing to be 'A. Chen', written over a horizontal line.

A. Chen

Shenzhen Growatt New Energy Co.,  
Ltd.

Date : 17.09.2021  
Our ref. : 02  
Your ref.: 168298733

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

**Ref : R TÜV-Mark Approval**

Type of Equipment : ARK High Voltage Battery System  
Model Designation : See Certificate  
Certificate No. : R 50518015 0001  
Report No. : CN216WCU 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