

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50579325

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
168392508

**Unser Zeichen Our Reference**  
02-Zhanall-CN23YASJ 001

**Ausstellungsdatum Date of Issue**  
10.04.2023 (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 1111266827

**Geprüft nach Tested acc. to**  
2 PfG 2698/08.19  
VDE-AR-E 2510-50:2017

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

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

Energy Storage System (APX High Voltage Battery System)

Type Designation : 1)APX 5.0P-S1, 2)APX 10.0P-S1, 21  
3)APX 15.0P-S1, 4)APX 20.0P-S1,  
5)APX 25.0P-S1, 6)APX 30.0P-S1,  
7)APX 5.0P-S2, 8)APX 10.0P-S2,  
9)APX 15.0P-S2, 10)APX 20.0P-S2,  
11)APX 25.0P-S2, 12)APX 30.0P-S2

Nominal Energy [kWh] : 1) 7) 5, 2) 8) 10, 3) 9) 15,  
4) 10) 20, 5) 11) 25, 6) 12) 30

Rate Energy [kWh] : 1) 7) 4.5, 2) 8) 9, 3) 9) 13.5,  
4) 10) 18, 5) 11) 22.5, 6) 12) 27

Operating voltage range : 600V-980V

Nominal voltage(single phase/three phase system): 650V

Ingress Protection : IP66

Operating ambient temperature: -10~50°C

Relative Humidity : 5%~95%

Cooling : Natural

Altitude : ≤4000m

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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.



**Zertifizierungsstelle**

**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 50579325 0001

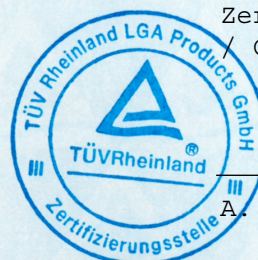
1 Guangdong Growatt New Energy Co., Ltd.  
Growatt Industrial Park, No.17 Pingheng  
Road Pingtan Town, Huiyang District,  
Huizhou,  
P.R. China



TÜVRheinland®

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

Datum / Date 10.04.2023



Zertifizierungsstelle  
/ Certification Body

A handwritten signature in blue ink, appearing to read "A. Chen".

A. Chen

Shenzhen Growatt New Energy Co.,  
Ltd.  
Qin Long

Date : 10.04.2023  
Our ref. : Zhanall 02  
Your ref.: 168392508

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

**Ref : R TÜV-Mark Approval**

Type of Equipment : APX High Voltage Battery System  
Model Designation : See Certificate  
Certificate No. : R 50579325 0001  
Report No. : CN23YASJ 001

Dear Qin Long,

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

Enclosed you will find the certificate of approval.

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

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

Please contact our office for approval of your new products.

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