

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50616850 0001

**Berichtsnummer Report No.:**

CN244S1K 001

**Genehmigungsinhaber License Holder:**

Xiamen Kehua Digital Energy Tech  
Co.,Ltd. Room 208-38,  
Hengye Building, No. 100  
Xiangxing Road, Torch High-tech Zone  
(Xiangan) Industrial Zone,  
Xiamen,  
361115 Fujian  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Zhangzhou Kehua New Energy Technology  
Co.,Ltd.  
No.10, Kongxue Road, Wenpu  
Industrial Zone, Jiaomei Industrial  
Zone Comprehensive Development District, Longhai  
District,  
Zhangzhou City,  
Fujian  
P.R. China

**Prüfzeichen Test Mark:**


Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111280153

**Geprüft nach Tested according to:**

IEC 62477-1:2012+A1  
EN 62477-1:2012+A11+A1+A12

**Geräteidentifikation**
*Product Identification*
**Produkt:**

Energy Storage System  
(Energy Storage System)

**Modell:**

Modelle sind auf nächste(r) Seite(n) gelistet  
Type designation(s) are listed on the next page(s)

**Technische Daten:**

Technical data(s) are listed on the next page(s)

ANLAGE (Appendix): 1

**Gültig ab:**

Valid from:

2024-02-01

**Zertifizierungsstelle:**

Certification body:

**Ausstellungsdatum:**

Date of issue:

2024-02-01

A. Chen



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](mailto:markcheck@tuv.com)

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**Produkt Product:** Energy Storage System  
(Energy Storage System)

**Modell Type:** **Bezeichnung Designation:**  
ESI215-100K-M

Battery Voltage Range [Vd.c.]	: 600-876
Max Battery Voltage [Vd.c.]	: 888
Max. Charge/Discharge Current [Ad.c.]	: 167
Rated Output Voltage [Va.c.]	: 230/400V, 3N+PE
Rated Output Freq. [Hz]	: 50/60
Max. Output Current [Aa.c.]	: 158.8
Rated Output Power [kW]	: 100
Max. Output Apparent Power [kVA]	: 110
Power Factor Range	: 1 leading ~ 1 lagging
Type of inverter	: Transformerless
Overvoltage Category(OVC)	: II for DC Side III for AC Mains
Protective Class	: Class I
Hardware Version	: V1
Firmware Version	: V1
Ingress Protection (IP)	: Energy Storage System: IP54 Battery Room: IP66 PCS: IP66
Pollution Degree (PD)	: PD3 outside, PD2 inside
Altitude [m]	: 3000
Operating Temperature Range [°C]	: -35 to +55( > 45 derating)
Size L*W*D(mm)	: 1000*2340*1300
Weight(kg)	: 2300

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.

