

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50647465 0001

**Berichtsnummer Report No.:**

CN24ZGBA 001

**Genehmigungsinhaber License Holder:**

Hefei Gotion High-tech Power Energy  
Co.,Ltd.  
566 Huayuan Avenue, Baohe District,  
Hefei City,  
Anhui  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Nantong Guoxuan New Energy Technology  
Co., Ltd.  
No.1168, New Century Avenue,  
Tongzhou District, Nantong City,  
Jiangsu  
P.R. China

**Prüfzeichen Test Mark:**


Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111290968

**Geprüft nach Tested according to:**

EN IEC 62619:2022  
IEC 63056:2020  
EN 62477-1:2012+A11+A1+A12

**Geräteidentifikation**
*Product Identification*

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

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

**Technische Daten:** Refer to the next page(s)  
*Technical Data:* ANLAGE (Appendix): 1.0

**Gültig ab:** 2024-09-23

*Valid from:*

**Zertifizierungsstelle:**

*Certification body:*

**Ausstellungsdatum:** 2024-09-23

*Date of issue:*

Weichun Li



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)

Fax: +49 221 806-3935

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**Berichtsnummer** *Report No.:*

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

**Modell** *Type:* **Bezeichnung** *Designation:*  
ESC-R100-211-CE

|   |                  |
|---|------------------|
| Nominal voltage [Vd.c.]                   | : 704            |
| Rated Capacity [Ah]                       | : 300            |
| Rated energy [Wh]                         | : 211200         |
| Maximum charging current [A]              | : 190            |
| Maximum discharging current [A]           | : 190            |
| Output Voltage range [Vdc]                | : 600 to 803     |
| Charging temperature [°C]                 | : -20 to 50      |
| Discharging temperature [°C]              | : -20 to 50      |
| Temperature threshold for protection [°C] | : 53             |
| Ingress Protection                        | : IP55           |
| Protection class                          | : I              |
| Cooling type                              | : Liquid cooling |
| Altitude[m]                               | : ≤3000          |

**Remark(s):**

The installation has to be carried out according to the installation instruction specified by the manufacturer. Any additional requirements in countries where the product is going to be marketed have to be considered additionally

