

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50660276 0001

**Berichtsnummer Report No.:**

CN24KHRM 001

**Genehmigungsinhaber License Holder:**

Contemporary Nebula Technology  
Energy Co.,Ltd.  
No. 33, Xingyexi Road, Mawei District,  
Fuzhou City,  
350015 Fujian  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Contemporary Nebula Technology  
Energy Co.,Ltd.  
No. 33, Xingyexi Road, Mawei District,  
Fuzhou City,  
350015 Fujian  
P.R. China

**Prüfzeichen Test Mark:**


Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111295467

**Geprüft nach Tested according to:**

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

**Geräteidentifikation**
*Product Identification*

**Produkt:** Energy Storage system  
*Product:* (Rechargeable Li-ion Battery 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 next page(s)  
*Technical Data:* ANLAGE (Appendix): 1.0

**Gültig ab:** 2025-01-07  
*Valid from:*

**Zertifizierungsstelle:**  
*Certification body:*

**Ausstellungsdatum:** 2025-01-07  
*Date of issue:*



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**

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Precisely Right.



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**Produkt** *Product:* Energy Storage system  
(Rechargeable Li-ion Battery System)

**Modell** *Type:* **Bezeichnung** *Designation:*

Type Designation : SHE-0100K-0232H-L-IN

For AC Side  
Voltage (Vac) : 380V/400V phase to phase  
Current (Aac) : 144  
Frequency (Hz) : 50/60  
Power (kW) : 100  
Overvoltage category : III  
Connection type : 3P+PE

For DC Side  
Rated energy (kWh) : 232  
Rated capacity (Ah) : 280  
Battery nominal Voltage (Vdc) : 832  
Battery Voltage range (Vdc) : 728 to 936  
Rated current (A) : 140A  
Overvoltage category : II

For External AC auxiliary power circuit  
Voltage (Vac) : 220-240V  
Current (Aac) : 32A  
Frequency (Hz) : 50/60  
Rated Power (kW) : 6  
Overvoltage category : II  
Connection type : Single phase two-wire  
Operating temperature range (°C) : -25 to 55 (>45 derate)

Protective Class : I  
Pollution degree : PD3(Outside), PD2(Inside)  
Overvoltage category : III  
IP degree : Distribution cabinet: IP54,  
Battery cabinet: IP65,  
Chiller cabinet: IP20  
Altitude (m) : Up to 2000  
Cooling type : Battery cabinet: Liquid-cooling,  
Distribution cabinet: Air-cooling

**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.