

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50694569 0001

**Berichtsnummer Report No.:**

CN254BEU 001

**Genehmigungsinhaber License Holder:**

Dunext Technology Suzhou Co., Ltd.  
1st & 2nd Floors,  
Factory Building 6, 58 Xingnan Road,  
Wuzhong Economic and Technological  
Development Zone,  
Suzhou,  
215100 Jiangsu  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Wuxi Unite Energy Technology Co., LTD  
No.24 Yu'an Road, Shuofang Industrial Park, Xinwu District  
Wuxi  
Jiangsu  
P.R. China

**Prüfzeichen Test Mark:**


Type Approved  
Safety  
Regular Production  
Surveillance

www.tuv.com  
ID 1111306929

**Geprüft nach Tested according to:**

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

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

Energy Storage System  
(Integrated energy storage system)

**Modell:**
*Type:*

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

**Technische Daten:**
*Technical Data:*

Refer to the next page(s)  
ANLAGE (Appendix): 1.0

**Gültig ab:**
*Valid from:*

2025-09-16

**Zertifizierungsstelle:**
*Certification body:*
**Ausstellungsdatum:**
*Date of issue:*

2025-09-16

  
Bowen Dong



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  
(Integrated energy storage system)

**Modell Type: Bezeichnung Designation:**

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 1) PowerHill-P105-233kWh ,         | 2) PowerHill-P105-233kWh-S2 ,      |
| 3) PowerHill-P105-233kWh-S3 ,      | 4) PowerHill-P105-233kWh-S4 ,      |
| 5) PowerHill-P105-233kWh-S5 ,      | 6) PowerHill-P105M120-233kWh ,     |
| 7) PowerHill-P105M120-233kWh-S2 ,  | 8) PowerHill-P105M120-233kWh-S3 ,  |
| 9) PowerHill-P105M120-233kWh-S4 ,  | 10) PowerHill-P105M120-233kWh-S5 , |
| 11) PowerHill-P100-233kWh ,        | 12) PowerHill-P100-233kWh-S2 ,     |
| 13) PowerHill-P100-233kWh-S3 ,     | 14) PowerHill-P100-233kWh-S4 ,     |
| 15) PowerHill-P100-233kWh-S5 ,     | 16) PowerHill-P100M120-233kWh ,    |
| 17) PowerHill-P100M120-233kWh-S2 , | 18) PowerHill-P100M120-233kWh-S3 , |
| 19) PowerHill-P100M120-233kWh-S4 , | 20) PowerHill-P100M120-233kWh-S5   |

Rated Voltage [Vd.c.]	: 832
Operating Voltage Range [Vd.c.]	: 741 to 936
Containing cell	: CB71173204EB
Rated Capacity [Ah]	: 280
Maximum Continuous Charge Current [A]	: 142
Maximum Continuous Discharge Current [A]	: 142
Auxiliary AC Voltage [Vac]	: 230
Auxiliary AC Current [A]	: <18
Nominal Auxiliary AC Frequency [HZ]	: 50
Auxiliary AC Power Supply [kW]	: <4
Charge temperature Range [°C]	: -25~55*
Discharge temperature Range [°C]	: -25~55
Protective Class	: Class I
Ingress Protection (IP)	: IP54
Pollution Degree (PD)	: PD3 (PD2 Inside)
Altitude[m]	: 2000

\*Notes: When the cell temperature is less than 0°C, the liquid cooling unit will start heating. It will start derating when ambient temperature is more than 45°C.

**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.

