

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50657001 0001

Berichtsnummer Report No.:

CN24VXEB 001

Genehmigungsinhaber License Holder:

Suzhou RCT Power Energy
Technology Co., Ltd
Unit 01, 02, Building B,
No.28 5.1.2e
5.1.2e, Suzhou,
Jiangsu
P.R. China

Fertigungsstätte Manufacturing Site:

Suzhou RCT Power Energy
Technology Co., Ltd
Unit 01, 02, Building B,
5.1.2e 5.1.2e
5.1.2e, Suzhou,
Jiangsu
P.R. China

Prüfzeichen Test Mark:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111294300

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification

Produkt: Lithium-ion battery
Product: (C&I Energy Storage System Battery Rack)
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: 2025-01-22

Valid from:

Zertifizierungsstelle:

Certification body:

Ausstellungsdatum: 2025-01-22

Date of issue:

5.1.2e

5.1.2e



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:*

 Lithium-ion battery
 (C&I Energy Storage System Battery Rack)

Modell *Type:*
Bezeichnung *Designation:*

1) RACK-233L1D-IEC-20 , 2) RACK-233L1D-IEC-21

Containing cell	: GSP71173204F
Containing battery pack	: POWER CESS PACK 47L1D2
Rated capacity [Ah]	: 280
Rated Energy [Wh]	: 232960
Nominal Voltage [Vd.c.]	: 832
Operating Voltage Range [Vd.c.]	: 715~928.2
DC/DC Input/Output	: 1)N/A 2)832V, 1.5A(from battery)/24V,12.5A
Recommend Charging and Discharging Current [A]	: 140
Maximum Charging and Discharging Current [A]	: 175.7
Maximum Charging and Discharging Power [W]	: 116480
Temperature range for charging [°C]	: 0 to 45
Operating temperature Range [°C]	: -20 to 45
The upper temperature threshold for protection[°C]	: 50
Protection Class	: I
Ingress Protection (IP)	: IP20 (Battery Pack IP67)
Altitude[m]	: 2000
Pollution Degree	: 2
Cooling type	: Liquid 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.



Legenda toegepaste uitzonderingsgrondslagen

In dit document zijn gegevens definitief geanonimiseerd op grond van:

Wet	Artikel	Omschrijving	Pagina's
Wet open overheid	Art. 5.1 lid 2 sub e	De eerbiediging van de persoonlijke levenssfeer	1