

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50463971

Blatt *Sheet*
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
L.Y	02-CAODEAN-50324110 001	13.04.2020 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Guangzhou Sanjing Electric Co., Ltd
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111222010

Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (Energy Storage System)

Product Name	: AC Retrofit Battery System	8
Type Designation	: AS1-3KS-5.1	
Type of Battery	: Lithium-ion	
Vrated BATTERY[Vd.c.]	: 51.2	
BATTERY Voltage Range[Vd.c.]	: 42-58.4	
Max. charge	: 60	
Max. charging power [W]	: 3000	
Overvoltage Category (OVC)	: II	
Rated Output Voltage[Va.c.]	: 230 (L-N)	
Rated Output Frequency [Hz]	: 50/60	
Max. Output Power [W]	: 3000	
Max. Apparent power S _{Emax} [VA]	: 3000	
Max. Output Current[Aa.c.]	: 13.1	
Power Factor	: [0.8 leading ~0.8 lagging]	
Overvoltage Category (OVC)	: III	

continued on page 0002



ANLAGE (Appendix): 1.0

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

A. Chen

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50463971

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
L.Y

Unser Zeichen *Our Reference*
02-CAODEAN-50324110 001

Ausstellungsdatum
13.04.2020

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Guangzhou Sanjing Electric Co., Ltd
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
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Prüfzeichen *Test Mark*



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**Zertifiziertes Produkt (Geräteidentifikation)
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit
*License Fee - Unit***

Energiespeichersystem (Energy Storage System)

as page 0001 continuation

Protective Class : I
Enclosure Protection (IP) : IP65
Pollution Degree (PD) : PD 2
Altitude [m] : 3000
Operating Temperature [°C] : 0 to 45
Type of Inverter : Isolated

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.

ANLAGE (Appendix): 1.0

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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A. Chen

CERTIFICATE

of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50463973 0001

Report No.: 50324110 001

Holder: Guangzhou Sanjing Electric Co., Ltd.
No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Product: Energy Storage system
(Energy Storage System)

Identification:

Product Name	: AC Retrofit Battery System
Type Designation	: AS1-3KS-5.1
Serial Number	: ASS0302G1941E03718
Remark	: Issued in conjunction with TÜV Rheinland license R 50463971 0001-0002

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.



Date 13.04.2020



A. Chen

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with.



Guangzhou Sanjing Electric Co.,
Ltd.
Mr. Li Yun

Date : 13.04.2020
Our ref. : CAODEAN 02
Your ref.: L.Y

No.9, Lizhishan Road, Science City,
Guangzhou High-tech Zone,
Guangdong
P.R. China

Ref : R TÜV-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : Energy Storage System
Model Designation : See Certificate
Certificate No. : R 50463971 0001
Report No. : 50324110 001

Dear Mr. Li Yun,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body


A. Chen

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询