

Notified Body
TÜV Rheinland
LGA Products GmbH

Tillystraße 2
90431 Nürnberg - Germany



recognized by the

**Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen**
herewith issues an

EU-Type Examination Certificate

Notified under No. 0197

within the meaning of Annex III, Part A, Module B of the EMC Council
Directive 2014/30/EU on compliance with the EMC protection requirements

Certificate Holder:

Pylon Technologies Co., Ltd.
No. 73, Lane 887, Zu Chongzhi Road,
Zhangjiang Hi-Tech Park, Pudong
201203 Shanghai
P.R. China

Product:

Lithium-ion battery
(Rechargeable Li-ion Battery)

Type Identification:

US3000C US2000C UP5000

as described in the Technical Documentation
TCF_CN22L62J(2022-04-15) Rev. No.: 00, issued on 15.04.2022

Aspects Covered:

Emission & Immunity
For requirements please refer to enclosed evaluation report

The technical design of the apparatus type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the assessed essential requirements apply, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/30/EU Annex I. This certificate becomes void in case of equipment design changes or changes to the essential requirements which were not taken into account during the examination. The certificate consists of this page and enclosed evaluation report.

Registration No.: AV 50540833 0001

Evaluation Report No.: CN22L62J 001 issued 27.04.2022

Date 28.04.2022



Notified Body


Shawn Peng

CERTIFICATE

of Conformity

Electromagnetic Compatibility Regulations 2016

(UK SI 2016 No. 1091)

Registration Nr.: AO 50540835 0001
Report Nr.: CN22L62J 001

Holder: Pylon Technologies Co., Ltd.
 No. 73, Lane 887, Zu Chongzhi Road,
 Zhangjiang Hi-Tech Park, Pudong
 201203 Shanghai
 P.R. China

Product: Lithium-ion battery (*Rechargeable Li-ion Battery*)

Test standard: BS EN IEC 61000-6-1:2019
 BS EN IEC 61000-6-2:2019
 BS EN 61000-6-3:2007+A1
 BS EN IEC 61000-6-4:2019
 BS EN 61000-6-1:2007
 BS EN 61000-6-2:2005
 BS EN 61000-6-4:2007+A1

Identification: US3000C US2000C UP5000

This certificate of conformity is based on an evaluation of a sample of the above mentioned product, technical report and documentation. This certificate does not imply the assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity

Certification Body

Xinhua Lu

Xinhua Lu

Date: 2022-04-28



The UKCA mark may be used, if all relevant UK Legislations and the UK Declaration of Conformity has been completed.



TÜV Rheinland UK Ltd.

Friars Gate (Third Floor), 1011 Stratford Road, Shirley, Solihull, B90 4BN

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50485160

Blatt Sheet
0003

Ihr Zeichen Client Reference
Elvis Xu

Unser Zeichen Our Reference
01-SWL-NN208NQ3 004

Ausstellungsdatum Date of Issue
11.07.2022 (day/mo/yr)

Genehmigungsinhaber License Holder

Pylon Technologies Co., Ltd.
No. 73, Lane 887, Zu Chongzhi Road,
Zhangjiang Hi-Tech Park, Pudong
201203 Shanghai
P.R. China

Fertigungsstätte Manufacturing Plant

Pylon Technologies Co., Ltd.
Plant 8,
No.505 Kunkai Road, JinXi Town,
Kunshan City
Jiangsu
P.R. China

Prüfzeichen Test Mark



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111231672

Geprüft nach Tested acc. to

IEC 62619:2017
IEC 63056:2020

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (Rechargeable Li-Ion Battery) [®]

as page 0002 continuation

Type designation: US2000C

Modification:

Add one new type of MCU for BMS.

ANLAGE (Appendix): 2.0

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.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

A. Chen

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 11.07.2022
Our ref. : SWL 01
Your ref.: Elvis Xu

No. 73, Lane 887, Zu Chongzhi Road,
Zhangjiang Hi-Tech Park, Pudong
201203 Shanghai
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Rechargeable Li-Ion Battery
Model Designation : See Certificate
Certificate No. : R 50485160 0003
Report No. : NN208NQ3 004

Dear Elvis Xu,

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. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body


A. Chen

cc: Pylon Technologies Co., Ltd.

Enclosure

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

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50485160

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*

Elvis Xu

Unser Zeichen *Our Reference*

01-XGJ-NN208NQ3 001

Ausstellungsdatum

09.11.2020

Date of Issue

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Pylon Technologies Co., Ltd.
No. 73, Lane 887, Zu Chongzhi Road,
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Fertigungsstätte *Manufacturing Plant*

Pylon Technologies Co., Ltd.
Plant 8,
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Geprüft nach *Tested acc. to*

IEC 62619:2017

IEC 63056:2020

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Energiespeichersystem (Rechargeable Li-Ion Battery)

Type designation : US2000C 10
Maximum current of the recommended charger[A] : 90A
Containing cell : PF25N
Rated capacity [Ah] : 50AH
Nominal voltage [Vd.c.] : 48
Upper limit charging voltage[Vd.c.] : 54
System designation: IFpP/8.5/141/238/[((2P5S)3S)M/0+50/95
End of discharging voltage[Vd.c.] : 40.5

Continued on page 0002

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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.

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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



Weichun Li

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
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0002

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

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

Energiespeichersystem (Rechargeable Li-Ion Battery)

as page 0001 continuation

Charging temperature [°C] : -8 to 55
Discharging temperature[°C] : -10 to 55
Ingress Protection (IP) : IP20
Protection Class : I
Pollution degree (PD) : 2
Altitude [m] : 4000

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

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Weichun Li

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License Fee - Unit

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Type designation : US2000C 10
Maximum current of the recommended charger[A] : 90A
Containing cell : PF25N
Rated capacity [Ah] : 50AH
Nominal voltage [Vd.c.] : 48
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as page 0001 continuation

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