



Product Service

CERTIFICATE

No. B 16 12 90762 004

Holder of Certificate: **Pylon Technologies Co., Ltd.**

No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park
201203 Pudong, Shanghai
PEOPLE'S REPUBLIC OF CHINA



Certification Mark:



Product: **Batteries**
(LFP Lithium Ion Energy Storage System)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

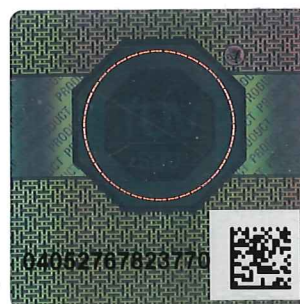
Test report no.: 682801664801

Valid until: 2021-12-31

Date, 2017-01-04

Page 1 of 2

Harry Shubo Zhang
(Harry Shubo Zhang)





Product Service

CERTIFICATE
No. B 16 12 90762 004

Model(s): **PowerCube-xy-zzzV**
 (xy is special product code,
 x=A-Z, y=0-9, zzz is nominal voltage,
 zzz = 032 -864, in steps of 32)

Brand Name: **PYLONTECH**

Parameters:

Rated capacity:	148Ah
Model PowerCube-xy-zzzV (zzz = 032 -864, in steps of 32)	Nominal voltage 32 V, 64 V, 96 V, 128 V, 160 V, 192 V, 224 V, 256 V, 288 V, 320 V, 352 V, 384 V, 416 V, 448 V, 480 V, 512 V, 544 V, 576 V, 608 V, 640 V, 672 V, 704 V, 736 V, 768 V, 800 V, 832 V, 864 V

Tested according to: IEC 21A/556/CD

Production Facility(ies): 91237

Page 2 of 2



China

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
5F, Communication Building, 163 Pingyun Rd, Huangpu Ave. West Guangzhou, Guangdong, P. R. China

Choose certainty.
Add value.

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

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension
		+86 20 3815 3209	+86 20 38320478

Subject: Your TÜV SÜD CERTIFICATE

Dear Sir or Madame,

We are pleased to send you your below listed certificate(s), which entitle you to label your certified product(s) with the respective certification mark as applicable.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
B 16 12 90762 004	Batteries	PowerCube-xy-zzzV, etc

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>.
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder (manufacturer) and the name and address of the importer or authorized representative based within the European Economic Area must be clearly affixed on the product or where that is not possible, on the packaging or in a document accompanying the product.
- The annual license fee will be 6 units for maintaining the validity of the certificate.
- To ensure that the validity of the certificate is not jeopardized, please inform us about any change in your production or of the product itself (this also includes changes to the user manual or rating label)
- If you want to stop the renewal of the above listed certificate(s) for the following year, please inform TÜV SÜD in writing by September 30 of the current year. If not received on time, the annual fee of the following year is to be paid and the cancellation will be done the year after.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely,

Jessie W

TÜV SÜD Certification and Testing (China)
Co., Ltd Guangzhou Branch

HSBC Bank (China) Company Limited
Guangzhou Branch
Account No.:
629-129339-011 (RMB)
009-129339-055 (USD)
SWIFT Code: HSBCCNSHGZH

General Manager:
Mr. Likun Huang

Telephone: +86 20 3832 0668
Telefax : +86 20 3832 0478
www.tuv-sud.cn

TUV®

TÜV SÜD Certification and Testing (China)
Co., Ltd Guangzhou Branch
5F, Communication Building,
163 Pingyun Rd, Huangpu Ave. West
Guangzhou, Guangdong, P. R. China
510656

CERTIFICATE

of

Conformity

Electromagnetic Compatibility Regulations 2016
(UK SI 2016 No. 1091)

Registration No.: AO 50517948 0001

Test Report No.: CN21AS4D 002

Holder:

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

Product:

Energy Storage system
(LFP Lithium Ion Energy Storage System)

Identification:

PowerCube-M1-C-32/zzzV-L10 (zzz=32~864, in steps of 32)
PowerCube-M1-C-32/zzzV-J10 (zzz=256~864, in steps of 32)
Serial No.: n.a.
Remark: Refer to test report CN21AS4D 002 for details.

Tested acc. to:

BS EN IEC 61000-6-2:2019
BS EN 61000-6-2:2005
BS EN IEC 61000-6-4:2019
BS EN 61000-6-4:2007+A1

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.

Shanghai, 09.11.2021



Certification Body

Xinhua Lu

TÜV Rheinland (China) Ltd. - No. 01/03B-08, Floor 7 and No. 01/04B-08, Floor 11,
AVIC Building, No. 10B, Central Road East 3rd Ring Road, Chaoyang District,
Beijing P.R. China 100022

Pylon Technologies Co., Ltd.

Date : 09.11.2021

Our ref. : XX 01

Your ref.: X. W.

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

Ref : AO Conf. Electromagnetic Com. Reg. 2016

Type of Equipment : LFP Lithium Ion Energy Storage System

Model Designation : See Certificate

Certificate No. : AO 50517948 0001

Report No. : CN21AS4D 002

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Xinhua Lu

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 50520237

Blatt Sheet
0001

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue
Elvis Xu	01-SWL-CN217HX9 001	30.09.2021 (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



Geprüft nach Tested acc. to

IEC 62619:2017
IEC 63056:2020

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (LFP Lithium Ion Energy Storage System)

Type Designation:

PowerCube-M1-C-32/zzzV-L10 (zzz=32~864, in steps of 32)
PowerCube-M1-C-32/zzzV-J10 (zzz=256~864, in steps of 32)

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Maximum current of recommended charger [A]: 180
Containing cell : PF37M
Containing battery pack : H32148-C
Rated capacity [Ah] : 148
System designation :
IFpP/13/141/238/[(((4P)5S)2S)nS]M/0+55/95 (where n = 1~27)
Nominal voltage [Vd.c.] : 32 x n
(Where n = 1~27 or n = 8~27)
Upper limit charging voltage [Vd.c.] : 36 x n
(Where n = 1~27 or 8~27)
End-of-discharge voltage [Vd.c.] : 27 x n
(Where n = 1~27 or 8~27)
Charging temperature [°C] : -8 to 60
Discharging temperature [°C] : -10 to 60

continued on page 0002

ANLAGE (Appendix): 1.0

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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

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



Weichun Li

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50520237

Blatt Sheet
0002

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue
Elvis Xu	01-SWL-CN217HX9 001	30.09.2021 (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



Geprüft nach Tested acc. to

IEC 62619:2017
IEC 63056:2020

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (LFP Lithium Ion Energy Storage System)

as page 0001 Continuation

Protection class : I
Ingress Protection (IP): IP20
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

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

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



Weichun Li

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 30.09.2021
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-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : LFP Lithium Ion Energy Storage System
Model Designation : See Certificate
Certificate No. : R 50520237 0001
Report No. : CN217HX9 001

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.

With kind regards,

Certification Body


Weichun Li

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

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50523777 0001

Report No.: CN21UK7D 001

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

Product: Energy Storage system
(LFP Lithium Ion Energy Storage System)

Identification: Type Designation :
PowerCube-M1-C-32/zzzV-L10 (zzz=32~864, in steps of 32)
PowerCube-M1-C-32/zzzV-J10 (zzz=256~864, in steps of 32)
Serial Number : Enigneering Samples
Remark(s) : Refer to test report CN21UK7D 001
for details.

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.

Certification Body

Date 04.11.2021



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. CE

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 04.11.2021
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 : AN Certificate of Conf. Low Voltage D.

Type of Equipment : LFP Lithium Ion Energy Storage System
Model Designation : See Certificate
Certificate No. : AN 50523777 0001
Report No. : CN21UK7D 001

Dear Elvis Xu,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


Weichun Li

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

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: Energy Storage system
(LFP Lithium-Ion Energy Storage System)

Type Identification: PowerCube-M1-C-32/zzzV-L10 (zzz = 32~864, in steps of 32)
PowerCube-M1-C-32/zzzV-J10 (zzz = 256~864, in steps of 32)
as described in the Technical Documentation
TCF_CN21AS4D (2021-09-24) Rev. No.: 00, issued on 03.11.2021

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 50520725 0001

Evaluation Report No.: CN21AS4D 001 issued 04.11.2021

Date 04.11.2021

Notified Body

Shawn Peng



C E R T I F I C A T E
of Conformity



Registration No.: AK 50526020 0001

Report No.: CN21AJFC 001

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

Product: Energy Storage system
(LFP Lithium Ion Energy Storage System)

Identification: Type Designation :
PowerCube-M1-C-32/zzzV-L10 (zzz=32~864, in steps of 32)
PowerCube-M1-C-32/zzzV-J10 (zzz=256~864, in steps of 32)
Serial Number : Engineering Samples
Remark(s) : Refer to test report CN21AJFC 001
for details.

Tested acc. to: IEC 62040-1:2017

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 29.11.2021



Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 29.11.2021
Our ref. : Jane Zhang 01
Your ref.: Elvis Xu

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

Ref : AK Certificate of Conformity

Type of Equipment : LFP Lithium Ion Energy Storage System
Model Designation : See Certificate
Certificate No. : AK 50526020 0001
Report No. : CN21AJFC 001

Dear Elvis Xu,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


Weichun Li

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

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 31.12.2021
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-Bauart-Zeichen o. Akkred. Nr.

Type of Equipment : LFP Lithium Ion Energy Storage System
Model Designation : See Certificate
Certificate No. : R 50529560 0001
Report No. : CN21YLLK 001

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


Weichun Li

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 50529560

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Elvis Xu

Unser Zeichen *Our Reference*
01-SWL-CN21YLLK 001

Ausstellungsdatum *Date of Issue*
31.12.2021 (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 1111248933

Geprüft nach *Tested acc. to*
VDE-AR-E 2510-50:2017
2 PfG 2698/08.19

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (LFP Lithium Ion Energy Storage System)

Type designation	:	11
PowerCube-M1-C-32/zzzV-L10	(zzz=32~864, in steps of 32)	
Total Storage Energy	:	4.736kWh × n (where n = 1~27)
Nominal voltage	:	32Vd.c. × n (where n = 1~27)
Nominal current	:	29.6A
Maximum charging current	:	180A
Maximum discharging current	:	180A
Rated capacity	:	148Ah
AC supply for Controller	:	230Va.c./50Hz/1.5A
Protection Class	:	I
Ingress Protection (IP)	:	IP20
Pollution degree (PD)	:	2

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.
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

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



Weichun Li

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50529560

Blatt Sheet
0002

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue
Elvis Xu	01-SWL-CN21YLLK 001	31.12.2021 (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 1111248933

Geprüft nach Tested acc. to

VDE-AR-E 2510-50:2017
2 PfG 2698/08.19

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (LFP Lithium Ion Energy Storage System)

Type designation	:	11
PowerCube-M1-C-32/zzzV-J10	(zzz=256~864, in steps of 32)	
Total Storage Energy	: 4.736kWh × n (where n = 8~27)	
Nominal voltage	: 32Vd.c. × n (where n = 8~27)	
Nominal current	: 29.6A	
Maximum charging current	: 180A	
Maximum discharging current	: 180A	
Rated capacity	: 148Ah	
Protection Class	: I	
Ingress Protection (IP)	: IP20	
Pollution degree (PD)	: 2	

Continued on page 0003

11

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

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



Weichun Li

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50529560

Blatt Sheet
0003

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue
Elvis Xu	01-SWL-CN21YLLK 001	31.12.2021 (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 1111248933

Geprüft nach Tested acc. to

VDE-AR-E 2510-50:2017
2 PfG 2698/08.19

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Energiespeichersystem (LFP Lithium Ion Energy Storage System)

as page 0002 continuation

Charging temp. upper limit : 55°C
Charging temp. lower limit : -8°C
Discharging temp. lower limit : -10°C
Altitude : 4000m

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

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



Weichun Li



Reference No.: 2017TA0846



Certificate of Conformity

The Declaration of Conformity is hereby issued to the below named company by TA Technology (Shanghai) Co., Ltd. The test results relate only to the tested sample identified in this report.

Applicant: Pylon Technologies Co., Ltd
No.73,Lane 887,Zu Chongzhi Road, Shanghai,China /201203

Product Name: POWERCUBE-M1

Model: "SC1000-200" + "H32148"(N pcs H32148 battery module, N=1-27)

Manufacture: Pylon Technologies Co., Ltd
No.73,Lane 887,Zu Chongzhi Road, Shanghai,China /201203

Report No.: YXA1706-0787EMC01R1

Issue Date: August 10, 2017

Measurement Standard

EN 55032:2015
EN 55024:2010
EN 61000-3-2:2006+A2:2009;
EN 61000-3-3:2008;
EN 61000-4-2:2009
EN 61000-4-3:2006+A1:2008+A2:2010;
EN 61000-4-4:2012; EN 61000-4-5:2014;
EN 61000-4-6:2014; EN 61000-4-11:2004

The above equipment has been shown to be in compliance with and was tested in accordance with the measurement procedures specified in the Standards & Specifications listed above and fulfills the testing requirements of the EMC Directive 2014/30/EU. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Kai Xu
Authorized Signator



中国认可
国际互认
检测
TESTING
CNAS L2264

TA Technology (Shanghai) Co., Ltd

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