

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50470567

Blatt *Sheet*
0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
Elvis Xu	01-DB-50351206 001	08.06.2020 (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 1111224944

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	: Force-H1-48/zzzV	14
	(zzz=96-384, in step of 48)	
Total Storage Energy [kWh]	: 3.552 x n (where n= 2-8)	
Nominal voltage [Vd.c.]	: 48 x n (where n= 2-8)	
Nominal current [A]	: 14.8	
Maximum charging current [A]	: 40	
Maximum discharging current [A]	: 40	
Rated capacity [Ah]	: 74	
Over voltage category (OVC)	: II	
Protection Class	: I	
Ingress Protection (IP)	: IP55	
Pollution degree (PD)	: PD 3	

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

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.*
R 50470567

Blatt *Sheet*
0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
Elvis Xu	01-DB-50351206 001	08.06.2020	(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,
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Prüfzeichen *Test Mark*



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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 0001 continuation

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

Remark(s) :

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

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



Weichun Li

Pylon Technologies Co., Ltd.
Elvis Xu

Date : 08.06.2020
Our ref. : DB 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 : LFP Lithium Ion Energy Storage System
Model Designation : See Certificate
Certificate No. : R 50470567 0001
Report No. : 50351206 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



Product Service

CERTIFICATE

No. B 090762 0052 Rev. 00

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 Battery
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. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64280226040801

Valid until: 2027-11-17

Date, 2022-11-18

(Harry Zhang)

CERTIFICATE

No. B 090762 0052 Rev. 00

Model(s): Force-H1-48/96-V2, Force-H1-48/144-V2,
Force-H1-48/192-V2, Force-H1-48/240-V2,
Force-H1-48/288-V2, Force-H1-48/336-V2,
Force-H1-48/384-V2

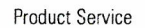
Brand Name: PYLONTECH



Parameters:

Nominal voltage:	Force-H1-48/96-V2: 96Vd.c.; Force-H1-48/144-V2: 144Vd.c.; Force-H1-48/192-V2: 192Vd.c.; Force-H1-48/240-V2: 240Vd.c.; Force-H1-48/288-V2: 288Vd.c.; Force-H1-48/336-V2: 336Vd.c.; Force-H1-48/384-V2: 384Vd.c.
Rated capacity:	74Ah

Tested according to: IEC 62619:2017



No. Z2 090762 0022 Rev. 00

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 Battery 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.: 64280190115301

Valid until: 2024-08-06

Date, 2019-08-07

Harry Zhang
(Harry Zhang)



Product Service

CERTIFICATE

No. Z2 090762 0022 Rev. 00

Model(s):

Force-H1-48/96V, Force-H1-48/144V,
Force-H1-48/192V, Force-H1-48/240V,
Force-H1-48/288V, Force-H1-48/336V,
Force-H1-48/384V

Brand Name:

PYLONTECH



Parameters:

Nominal voltage: Force-H1-48/96V: 96Vd.c.;
Force-H1-48/144V: 144Vd.c.;
Force-H1-48/192V: 192Vd.c.;
Force-H1-48/240V: 240Vd.c.;
Force-H1-48/288V: 288Vd.c.;
Force-H1-48/336V: 336Vd.c.;
Force-H1-48/384V: 384Vd.c.
Rated capacity: 74Ah

**Tested
according to:**

IEC 62619:2017

**Production
Facility(ies):**

091237