



Product Service

Attestation of Conformity

No. T8A 090762 0076 Rev. 00

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

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

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

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 64771236036501

Date, 2023-11-02

(Peter Jia)





Product Service

Attestation of Conformity

No. T8A 090762 0076 Rev. 00

Model(s):

Force-H3-102.4/102.4,
Force-H3-102.4/204.8,
Force-H3-102.4/307.2,
Force-H3-102.4/409.6,
Force-H3-102.4/512,
Force-H3-102.4/614.4,
Force-H3-102.4/716.8,
Force-H3-102.4/819.2

Parameters:

Force-H3-102.4/102.4: 102.4Vd.c., 50Ah
Force-H3-102.4/204.8: 204.8Vd.c., 50Ah
Force-H3-102.4/307.2: 307.2Vd.c., 50Ah
Force-H3-102.4/409.6: 409.6d.c., 50Ah
Force-H3-102.4/512: 512Vd.c., 50Ah
Force-H3-102.4/614.4: 614.4Vd.c., 50Ah
Force-H3-102.4/716.8: 716.8Vd.c., 50Ah
Force-H3-102.4/819.2: 819.2Vd.c., 50Ah
Test report No.:
64.771.23.60365-R
(EN 300 328 V2.2.2:2019, EN 62311:2008, EN IEC 62311:2020)
64.771.23.60365.01
(EN 301 489-1 V2.2.3:2019, EN 301 489-17 V3.2.4:2020,
EN IEC 61000-6-3:2021, EN IEC 61000-6-1:2019)
64.280.23.60703.01
(EN IEC 62619:2022)

**Tested
according to:**

EN 300 328 V2.2.2:2019
EN 62311:2008
EN IEC 62311:2020
EN 301 489-1 V2.2.3:2019
EN 301 489-17 V3.2.4:2020
EN IEC 61000-6-3:2021
EN IEC 61000-6-1:2019
EN IEC 62619:2022





Product Service

Attestation of Conformity

No. N8A 090762 0078 Rev. 00

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

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

Product: **Batteries**
(Rechargeable Li-ion Battery)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233101901

Date, 2023-11-24

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®

Attestation of Conformity

No. N8A 090762 0078 Rev. 00

Model(s):

**Force-H3-102.4/102.4, Force-H3-102.4/204.8,
Force-H3-102.4/307.2, Force-H3-102.4/409.6,
Force-H3-102.4/512, Force-H3-102.4/614.4,
Force-H3-102.4/716.8, Force-H3-102.4/819.2**

Parameters:

Model:	Force-H3-102.4/102.4	Force-H3-102.4/204.8	Force-H3-102.4/307.2	Force-H3-102.4/409.6	Force-H3-102.4/512	Force-H3-102.4/614.4	Force-H3-102.4/716.8	Force-H3-102.4/819.2
Battery input/output terminal parameters								
Battery type	Li-ion(LFP)							
Rated capacity [Ah]	50 Ah							
Rated energy capacity [kWh]	5.12	10.24	15.36	20.48	25.60	30.72	35.84	40.96
Rated voltage [Vd.c.]	102.4	204.8	307.2	409.6	512.0	614.4	716.8	819.2
Battery voltage range [Vd.c.]	92.8~116.8 Vd.c.	185.6~233.6 Vd.c.	278.4~350.4 Vd.c.	371.2~467.2 Vd.c.	464.0~584.0 Vd.c.	556.8~700.8 Vd.c.	649.6~817.6 Vd.c.	742.4~934.4 Vd.c.
Nominal current [Ad.c.]	10 Ad.c.							
Maximum charging/discharging current [Ad.c.]	50 Ad.c.							
Maximum charging/discharging power [kW]	5.84	11.68	17.52	23.36	25.60	35.04	40.88	46.72
General								
Ambient charging/discharging temperature range(°C)	-10 °C to 55 °C							
Protection class	I							
Ingress protection	IP55							
Operating altitude range [m]	4000							

Tested according to:

EN IEC 62040-1:2019/A11:2021

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This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Pylon Technologies Co., Ltd.	Manufacturer:	Pylon Technologies Co., Ltd.
Address:	No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park, Shanghai	Address:	Plant 8, No.505 Kunkai Road, JinXi Town, Kunshan City, Jiangsu Province
Country:	China	Country:	China
Party Authorized To Apply Mark:	Same as Manufacturer		
Report Issuing Office:	Intertek Testing Services Shanghai Limited		
Control Number:	<u>5011347</u>	Authorized by:	<u></u> for L. Matthew Snyder, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Batteries for Use in Stationary and Motive Auxiliary Power Applications[ANSI/CAN/UL 1973:2022 Ed.3]
Product:	LFP Lithium Ion Energy Storage Battery System
Brand Name:	PYLONTECH 
Models:	Force-H3-102.4/102.4-US, Force-H3-102.4/204.8-US, Force-H3-102.4/307.2-US, Force-H3-102.4/409.6-US, Force-H3-102.4/512-US, Force-H3-102.4/614.4-US, Force-H3-102.4/716.8-US and Force-H3-102.4/819.2-US

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: Pylon Technologies Co., Ltd

Manufacturer: Pylon Technologies Co., Ltd.

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

Address: Plant 8, No. 505 Kunkai Road, JinXi
Town, Kunshan City, Jiangsu Province

Country: China

Country: China

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shanghai Limited

Control Number: 5011347

Authorized by:  for L. Matthew Snyder, Certification Manager



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545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s): Energy Storage Systems and Equipment [ANSI/CAN/UL 9540:2020 Ed.2+R:09Apr2021]

Product: LFP Lithium Ion Energy Storage System

Brand Name: Pylontech

Models: Power Battery followed by FH3-US-; followed by S6EH1P-US-; followed by 3800, 5000, 6000, 7600, 8000, 10000 or 11400; followed by /9932, /14899 or /19865.