



Product Service

Attestation of Conformity

No. N8A 090762 0061 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.: 64290223117801

Date, 2023-05-08

(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®



Product Service

Attestation of Conformity

No. N8A 090762 0061 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

Parameters:

Model:	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
Battery input/output terminal parameters							
Battery type	Li-ion(LFP)						
Rated capacity [Ah]	74						
Rated energy capacity [kWh]	7.10	10.65	14.20	17.76	21.31	24.86	28.41
Rated voltage [Vd.c.]	96	144	192	240	288	336	384
Battery voltage range [Vd.c.]	81~108	121.5~162	162~216	202.5~270	243~324	283.5~378	324~432
Nominal current [Ad.c.]	14.8						
Maximum charging/discharging current [Ad.c.]	40						
Maximum charging/discharging power [kW]	4.32	6.48	8.64	10.8	12.96	15.12	17.28
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

Page 2 of 2

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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



Product Service

CERTIFICATE

No. B 090762 0065 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)**

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Test report no.: 64280226040701

Valid until: 2028-04-27

Date, 2023-04-28

(Harry Zhang)



CERTIFICATE

No. B 090762 0065 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:

	Force-H1-48/96-V2: 96Vd.c.;
	Force-H1-48/144-V2: 144Vd.c.;
	Force-H1-48/192-V2: 192Vd.c.;
Nominal voltage	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: PPP 51094A:2022
VDE-AR-E 2510-50:2017



Danmark

Annex to EU-Type Examination Certificate

3.2 Declarations

DoC of Pylon Force-H2-9696-V2 (v) for RED, Draft	Dated	2022-11-09
Model list and difference for Pylon Force-H2-9696-V2 (v) for RED	Issued	2022-11-09

3.3 Strategic Documentation

Risk Assessment of Pylon Force-H2-9696-V2 (v) for RED	Issued	2022-11-09
Conformity Assessment Principles of Pylon Force-H2-9696-V2 (v) for RED	Modified	2022-11-29
Compliance Strategy of Pylon Force-H2-9696-V2 (v) for RED	Issued	2022-11-09

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(b)

64.771.22.60414.01	Issued	2022-11-17
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3.4.2 Article 3.2

64.771.22.60414.01-R	Issued	2022-11-17
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4 Additional Information

None

5 Conditions of Validity

None

Signature:  (Peter Jia) On behalf of TÜV SÜD DANMARK ApS	Date: 2022-12-09
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Product Service

CERTIFICATE

No. B 090762 0060 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
(Rechargeable Li-ion Battery)**

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Test report no.: 64290223117801

Valid until: 2028-05-04

Date, 2023-05-05

(Billy Qiu)

CERTIFICATE

No. B 090762 0060 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

Parameters:

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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: IEC 62040-1:2017
IEC 62040-1:2017/AMD1:2021
EN IEC 62040-1:2019/A11:2021