



EU Type Examination Certificate

Certificate No: DK-RED002615 i01

Certificate Holder: Pylon Technologies Co., Ltd.

No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park

201203 Pudong, Shanghai

PEOPLE'S REPUBLIC OF CHINA

Product Type: Short range device / SRD

LFP Lithium-Ion Energy Storage System

Model(s): Force-H2-96/96-V2, Force-H2-96/192-V2,

Force-H2-96/288-V2, Force-H2-96/384-V2,

Force-H2-96/480-V2

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements: Article 3.1(b) in respect of EMC

Article 3.2 in respect of the use of Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation: Pylon Force-H2-9696-V2 (v) RED TCF

Valid from: 2022-12-09

(Peter Jia)

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This certificate has been issued in accordance with the TÜV SÜD Testing and Certification Regulations and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the Annex. For further details related to this certification please contact BABT@tuvsud.com

REDK4 090762 0054 Rev. 00

TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark

Annex to **EU-Type Examination Certificate**



1 **Equipment Description**

A LFP lithium-lon energy storage system with 2.4GHz WiFi

	Variant Difference	Model	HW Version	SW Version
Original		Force-H2-96/192-V2	WiFi module: MW-3X020X-V42 Control PCB: MMCB_SP02_V30 Power PCB: MPSB_FH02_V10	ForceHB_H2_CMU
Variant	All models have same and BMS but different battery module quantity	Force-H2-96/96-V2		
		Force-H2-96/288-V2		
		Force-H2-96/384-V2		
		Force-H2-96/480-V2		

Supported Functions and Features 1.1

1.1.1 Non-radio features

Rated capacity: 37AH; Nominal voltage: 96V (Force-H2-96/96-V2), 192V (Force-H2-96/192-V2), 288V (Force-H2-96/288-V2), 384V (Force-H2-96/384-V2), 480V (Force-H2-96/480-V2)

1.1.2 Radio features

Radio	Features	Operating Spectrum / Power
SRD	IEEE 802.11 b/g/n20, adaptive	2412 - 2472 MHz / Max. 20dBm

1.2 **Accessories**

None

Assessed Standards 2

Article 3.1(a)	Article 3.1(b)	Article 3.2
	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN IEC 61000-6-4:2019 EN IEC 61000-6-3:2021 EN IEC 61000-6-2:2019 EN IEC 61000-6-1:2019	EN 300 328 V2.2.2

Technical Documentation 3

3.1 **Technical Documentation**

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

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

Annex to **EU-Type Examination Certificate**

Danmark

3.3 Strategic	: Documentation
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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

Technical Compliance Documentation 3.4

3.4.1 Article 3.1(b)

64 771 22 60414 01	Issued	2022-11-17

3.4.2 Article 3.2 64.771,22.60414.01-R

2022-11-17 Issued

Additional Information

None

Conditions of Validity 5

None

Signature:

Date:

2022-12-09

(Peter Jia)

On behalf of TÜV SÜD DANMARK ApS