

EU Type Examination Certificate

Certificate No: DK-RED001905 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-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

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-H1-4896V (v) RED TCF

Valid from: 2021-06-02



(Laurentiu Dan Miiler)

Total pages: Page 1 of 3

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 0038 Rev. 00

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

Annex to EU-Type Examination Certificate

1 Equipment Description

Battery energy storage system with 2.4GHz WiFi

1.1 Models

	Model	HW Version	SW Version
Original	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	WIFI module: HF-LPT230-0 VER1.0 WIFI power PCB: MW-3X020X-V1.0 Power PCB: MPSB_LH25X2_V20 Control PCB: MMCB_SP02_V20 Current sensor PCB: CURRENT_SENSOR_KIT_V10R01 Battery BMS PCB: LBSB_LT_15S_V20R02	ForceH_CMU_A

1.2 Supported Functions and Features

1.2.1 Non-radio features

Capacity: 74Ah; Nominal Charging current: 14.8A; Maximum charging / discharging current: 40A Nominal voltage: 96V (Force-H1-48/96V), 144V (Force-H1-48/144V), 192V (Force-H1-48/192V), 240V (Force-H1-48/240V), 288V (Force-H1-48/288V), 336V (Force-H1-48/336V), 384V (Force-H1-48/384V)

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power
SRD	IEEE 802.11 b/g/n20	2412 - 2472 MHz Max. 18dBm

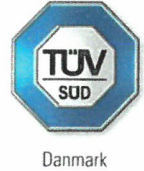
1.3 Accessories

None

2 Assessed Standards

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 61000-6-3:2007/A1:2011 IEC 61000-6-3:2006/AMD1:2010 EN IEC 61000-6-4:2019 IEC 61000-6-4:2018 EN IEC 61000-6-1:2019 IEC 61000-6-1:2016 EN IEC 61000-6-2:2019 IEC 61000-6-2:2016	EN 300 328 V2.2.2

Annex to EU-Type Examination Certificate



3 Technical Documentation

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 Force-H1-4896V (v) for RED, Draft	Dated	2021-04-15
Model list and difference	Dated	2019-08-06

3.3 Strategic Documentation

Risk Assessment of Force-H1-4896V (v) for RED	Issued	2021-04-16
Conformity Assessment Principles for Force-H1-4896V (v)	Modified	2021-06-01
Compliance Strategy for Force-H1-4896V (v)	Issued	2021-04-15

3.4 Technical Compliance Documentation

3.4.1 Article 3.1(b)

64.771.19.01155.01E	Issued	2019-08-13
64.771.19.01155.02E	Issued	2021-05-14

3.4.2 Article 3.2

64.771.19.01155.01R	Issued	2019-08-13
64.771.19.01155.02R	Issued	2021-05-14

4 Additional Information

None

5 Conditions of Validity

None

Signature:

A handwritten signature in black ink, appearing to read 'Miiler'.

Date:

2021-06-02

(Laurentiu Dan Miiler)

On behalf of TÜV SÜD DANMARK ApS