



**EU – TYPE EXAMINATION CERTIFICATE**  
**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**  
**Annex III Module B**

**MANUFACTURER**

Name	:	Pylon Technologies Co.,Ltd
Address	:	No. 73, Lane 887, Zu Chongzhi Road, Zhangjiang Hi-Tech Park Pudong, Shanghai 201203, China
Contact Name & Title	:	Sandy Xiang
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**PRODUCT DESCRIPTION**

Trademark/Trade Name	:	PYLONTECH
Model Number	:	RT12100G31
Product Description	:	12V Lithium Iron Phosphate Battery

**NOTIFIED BODY**

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	E1177-210852		
Name and Signature	:	Bruno Clavier <i>Bruno Clavier</i>	Date:	August 5, 2021

The device shall be marked as follows:



Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate relates only to the documents as provided to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

**TIMCO ENGINEERING, INC.**  
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Date: August 5, 2021

**PRODUCT SPECIFICATIONS**

Intended Use / Category	: Bluetooth LE
RF output power	: 8.04 dBm (EIRP)
Frequency range (MHz)	: 2402-2480
Modulation	: GFSK
Antenna type	: PCB antenna

According to the Technical Documentation compiled by the Manufacturer, the following standards were used:

**ESSENTIAL REQUIREMENTS**

Essential Requirement	Standard Number & Version
Radio (Article 3.2)	: EN 300 328 V2.2.2
EMC (Article 3.1b)	: EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 55032 :2015+A11 :2020 EN 55035 :2017+A11 :2020
Health (Article 3.1a)	: EN 50665:2017 EN IEC 62311:2020
Safety (Article 3.1a)	: EN 62619:2017 ANSI/CAN/UL 1973:2018

**TECHNICAL DOCUMENTATION**

Item	Exhibit Description	
1.	Copy of the Declaration of Conformity (Draft is acceptable)	<input checked="" type="checkbox"/>
2.	Pictogram exhibit for the packaging to satisfy the RED 10(10). A Letter of Attestation and/or exhibits for compliance with Article 10(10)/Regulations 14 is acceptable.	<input type="checkbox"/>
3.	Operational Description of the product/device.	<input checked="" type="checkbox"/>
4.	External Photos of the device	<input checked="" type="checkbox"/>
5.	Internal Photos of the device	<input checked="" type="checkbox"/>
6.	RED Annex VI Point 8/RER Schedule 6 Point 8 - Where applicable, a description/or declaration statement about the versions of software or accessories and components affecting compliance with essential requirements. Alternatively, indicate whether the manufacturer intends to allow the end-user to change or modify the hardware and software.	<input checked="" type="checkbox"/>
7.	User manual and information and installation instructions	<input checked="" type="checkbox"/>
8.	Schematic drawings.	<input checked="" type="checkbox"/>
9.	Block Diagrams	<input checked="" type="checkbox"/>

Item	Exhibit Description (Cont.)		
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment (i.e. a Circuit Description where applicable)		<input type="checkbox"/>
11.	Risk Assessment. RED Annex III module B/RER Schedule 3 module B - Analysis and assessment of the risk(s) (See TGN 30 for guidance)		<input checked="" type="checkbox"/>
12.	<b>If Applicable:</b> Modification/Standard Update/Applicant or Manufacturer info change letter explaining the changes to the existing version of the product along with supporting exhibits (e.g., photos, schematics, new applicant details, etc.) <b>Applicable for Product Modifications, Applicant Name Change, Add Model, and Standard Update.</b>		<input type="checkbox"/>
13.	<b>If Applicable:</b> Previous Copy of the EU/UK-type examination certificate and annexes as delivered by other notified bodies involved in the conformity assessment (e.g., original certificates in case of product modifications, modules certificates, etc.) Where applicable.		<input type="checkbox"/>
14.	<b>Test Reports</b>		<input checked="" type="checkbox"/>
	<b>Radio / EMC / Health / Safety</b>	<b>Test Report Number</b>	<b>Issue Date/ Rev. No</b>
	EMC	R2105A0410-E1V1	August 4, 2021
	Health	R2105A0410-M1	July 12, 2021
	Radio	R2105A0410-R1	July 12, 2021
	Safety	CN204LMU 001	July 9, 2021
	Safety	CN200RVF 001	July 9, 2021