



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
Email	:	Sandy.Xiang@pylontech.com.cn
Phone number	:	n/a

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		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to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the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.
P.O. BOX 370
NEWBERRY, FL 32669
www.timcoengr.com

This Certificate is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Certificate (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.

EU – TYPE EXAMINATION CERTIFICATE E1177-210852

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)	☒
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.	☐
3.	Operational Description of the product/device.	☒
4.	External Photos of the device	☒
5.	Internal Photos of the device	☒
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.	☒
7.	User manual and information and installation instructions	☒
8.	Schematic drawings.	☒
9.	Block Diagrams	☒

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)		☐
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)		☒
12.	If Applicable: 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.) Applicable for Product Modifications, Applicant Name Change, Add Model, and Standard Update.		☐
13.	If Applicable: 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.		☐
14.	Test Reports		☒
	Radio / EMC / Health / Safety	Test Report Number	Issue Date/ Rev. No
	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