



DEKRA Testing and Certification, S.A.U.

Product certification body accredited by ENAC with accreditation No. 134/C-PR301
and designated by the competent national authority of Spain

to act as Notified Body (Notified Body No: 1909) in accordance with the Directive 2014/53/EU of 16 April 2014

Directive 2014/53/EU – EU-TYPE EXAMINATION CERTIFICATE

Identification Number: **86866RNB.001**
Issue date: **2026-06-03**

MANUFACTURER DETAILS:

Company name: **Hoymiles Power Electronics Inc.**
Address: **No.18 Kangjing Road, Hangzhou, Zhejiang Province,
P.R.China**

EQUIPMENT DETAILS:

Type of equipment: **Micro Storage System**
Brand name: **Hoymiles**
Model name: **HB-4020-XM, HB-4020-XM-1, HB-4020-XM-2
HB-4020-XM-3, HB-4020-X, HB-4020-X-1
HB-4020-X-2, HB-4020-X-3, HB-4020-AC
HB-4020-AC-1, HB-4020-AC-2, HB-4020-AC-3
HB-4020-ACM, HB-4020-ACM-1, HB-4020-ACM-2
HB-4020-ACM-3**
HW version: **V1.2**
SW version: **V1.*. * (Tested SW version: V01.00.00)**

SCOPE OF OPINION:

Essential requirements	Specifications / Standards	Submitted documents
Article 3.3 (d): Network harm	EN 18031-1:2024	Test report
Article 3.3 (e): Personal privacy	EN 18031-2:2024	Test report

OPINION:

Our opinion in accordance with Annex III of DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on radio equipment and the mutual recognition of their conformity is that the equipment complies with the requirements of that directive stated in the above scope.

This opinion has 1 annex with **1 page** and it is only valid in conjunction with it.

Signed on behalf of DEKRA Testing and Certification, S.A.U. in Málaga (Spain)

Name: **Adrián Gallardo**
Position: **Responsible for Certification**



Annex I to EU-Type Examination Certificate No. 86866RNB.001

TECHNICAL DOCUMENTATION:

Held at: **Hoymiles Power Electronics Inc.**
Address: **No.18 Kangjing Road, Hangzhou, Zhejiang Province,
P.R.China**

TECHNICAL FEATURES AND CHARACTERISTICS:

Operating technologies: **2.4G Wi-Fi, Bluetooth LE**
Operating frequency bands: **2.4G Wi-Fi: 2400-2483.5 MHz
Bluetooth LE: 2400-2483.5 MHz**
Antenna: **2 PCB internal antennas for frequency: 2400-2483.5 MHz**
Operating voltage: **230 V AC**
Operating temperature: **from -20 °C to 55 °C**
Intended use: **Micro Storage System**

CONFORMITY DETAILS:

Essential requirements	Specifications / Standards	Reference documents
Article 3.3 (d): Network harm	EN 18031-1:2024	Test report
Article 3.3 (e): Personal privacy	EN 18031-2:2024	Test report

REMARKS AND COMMENTS:

It is mandatory to inform DEKRA Testing and Certification, S.A.U. in writing about any change in the approved equipment identified in this certificate, which could affect the conformity of the apparatus with the essential requirements or the conditions of validity of this certificate.