

N°: RED_1020

Etabli selon l'article 17 (Annexe III) de la directive RED 2014/53/UE du 16 avril 2014
Established under Article 17 Annex III of Directive RED 2014/53/UE of 16 April 2014.

Numéro de l'organisme / Notified Body Identification Number: 0081

Règles de certification : Référentiel de certification RED / Certification program : RED Certification Rules

Titulaire / Applicant

KACO new energy GmbH
Werner-von-Siemens-Allee 1,
74172 NECKARSULM
Germany

Fabricant / Manufacturer

KACO new energy GmbH
Werner-von-Siemens-Allee 1,
74172 NECKARSULM
Germany

Équipement / Equipment

↳ Produit / Product

Onduleur / Inverter

Grid-connected PV inverter

↳ Marque commerciale / Trade Mark

KACO new energy

↳ Modèle / Model

Voir annexe / See annex
Version: Cyber Security Baseline 1.00.000

Composition du (of) document

3 pages

Document émis le / issued on

12/06/2025

Signature sous la responsabilité de l'organisme :

Signature on behalf of Notified Body by

Gilles LEMONNIER



Responsable Certification / Certification Officer

N°: RED_1020

Caractéristiques techniques / Technical Features

		Radio Interface n°1
RF module	Type of Radio (WiFi, Lora...):	WiFi
	Reference of Radio chipset-module:	ESP32-WROVER-IE
	Frequency Bands:	2412Hz – 2482Hz
	Voltage Range:	3.3Vdc
	Temperature Range:	-40°C to 85°C
RF Product	Antenna: (Type, Gain)	2dBi
	Maximum Output Power: (Declared in User Manual)	20dBm
	Software Version:	Cyber Security Baseline 1.00.000
	Voltage Range:	5 - 9V
	Temperature Range:	-30°C to 60°C

Le LCIE déclare que le produit susmentionné respecte les exigences essentielles indiquées ci-après / LCIE declares that, the listed product complies with the essential requirements listed below:

Domaine couvert / Scope

Résultat / Result

✓ Art. 3.3 d) Protection du reseau / Protection of Network

Conform(e)

Cet avis est basé / This opinion is based:

- Sur le rapport d'évaluation / On the evaluation report : 17030819-CN811975 Version: 00
- Sur l'analyse du dossier de construction du fabricant, et en particulier sur la conformité aux normes listées ci-dessous / On the review of the technical file of the manufacturer, and in particular on compliance with standards listed below:

	Normes / Standards	Rapport d'essai / Test reports
Protection of Network (3.3.d)	EN 18031-1:2024	BVKJ-WDG-P25040232

La validité du présent certificat est limitée au produit mentionné dans le document et sera remis en cause à la moindre modification du produit concerné. Toute évolution de la directive 2014/53 / UE du 16 avril 2014 est également susceptible de remettre en question ladite validité / The validity of the present certificate is limited to the mentioned product subject of this evaluation and will be questioned at the slightest modification of the product concerned. Any development of Directive 2014/53/UE of 16 April 2014 is also likely to question its validity

N°: RED_1020

Annexe / Annex

Product Family Series

The list of products below implements the same identical RF module and IoT solution as the tested model. The only difference is the lighting type controlled by the RF module.

Modèle / Model
blueplanet 50.0 NX3 M5 WM OD IIG0
blueplanet 60.0 NX3 M5 WM OD IIG0
blueplanet 25.0 NX3 M3 WM OD IIG0
blueplanet 30.0 NX3 M3 WM OD IIG0
blueplanet 33.0 NX3 M3 WM OD IIG0
blueplanet hybrid 6.0 NH3 M2 B1 WM OD IIG0
blueplanet hybrid 8.0 NH3 M2 B1 WM OD IIG0
blueplanet hybrid 10.0 NH3 M2 B1 WM OD IIG0
blueplanet hybrid 12.0 NH3 M2 B1 WM OD IIG0
blueplanet hybrid 8.0 NH3 M3 B1 WM OD IIG0
blueplanet hybrid 10.0 NH3 M3 B1 WM OD IIG0
blueplanet hybrid 12.0 NH3 M3 B1 WM OD IIG0
KACO blueplanet 3.0 NX3 M2 WM OD IIG0
KACO blueplanet 5.0 NX3 M2 WM OD IIG0
KACO blueplanet 8.0 NX3 M2 WM OD IIG0
KACO blueplanet 10.0 NX3 M2 WM OD IIG0
KACO blueplanet 15.0 NX3 M2 WM OD IIG0
KACO blueplanet 20.0 NX3 M2 WM OD IIG0