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EU-KONFORMITÄTSERKLÄRUNG

Hersteller:

Enphase Energy Inc.,
47281 BAYSIDE PARKWAY,
FREMONT, CA, 94538,
United States of America

Importeur:

Enphase Energy NL B.V.
Het Zuiderkruis 65 ,5215 MV,
's-Hertogenbosch,
The Netherlands

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

Router

Name: IQ ENERGY ROUTER (HEMS-GW-01)
HW: Nano 2.0 Nano 2.5
SW: 1.0-bastra-52.2941 hub1.0.0-7010-W89.15

Das beschriebene Produkt und Gegenstand der Erklärung erfüllt:

RED: 2014/53/EU

Article 3.1 (a) Health and Safety	
EN 62479:2010	Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
EN IEC 62368-1:2020+A11:2020	Audio/video, information and communication technology equipment Safety requirements
Article 3.1 (b) EMC	
EN 55032:2015 + A11:2020 + A1:2020	Electromagnetic compatibility of multimedia equipment - Emission Requirements
EN 55035:2017+A11:2020	Electromagnetic compatibility of multimedia equipment. Immunity requirements
EN IEC 61000-3-2:2019 + A1:2021	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3:2013 + A1:2019 + A2:2021	Electromagnetic compatibility (EMC) — Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 301 489-1 V2.2.3	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonized Standard for Electromagnetic Compatibility
EN 301 489-17 V3.2.4	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard for Electromagnetic Compatibility
Article 3.2 Spectrum	
EN 300 328 V2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonized Standard for access to radio spectrum

Die notifizierte Stelle SGS NB2906 hat Modul B und folgende EU-Baumusterprüfbescheinigung ausgestellt:

Nano 2.0: NB2906.2023.000147
Nano 2.5: NB2906.2023.000269

RoHS: 2011/65/EU + 2015/863/EU

EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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RoHS-beschränkter Stoff	Konzentrationsgrenze (ppm) ¹
Cd	100
Pb, Hg, Cr+6, PBB, PBDE, DEHP, BBP, DBP, DIBP	1000
¹ Die Höchstgrenze gilt nicht für Anwendungen, die von RoHS-Ausnahmen abgedeckt sind	

Unterzeichnet für und im Namen von Enphase Energy Inc.

7-Mar-24
Fremont, United States

DocuSigned by:
Manuel Shimasaki
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Manuel Shimasaki

Senior Director, WW Compliance