Directive 2014/53/EU: Radio Equipment

Declarations of Conformity for Charging Equipment

Charging Cable (IC-CPD)

Porsche Home Energy Manager

eSYSTEMS
A KATEK Brand

eSystems MTG GmbH
Bahnhofstrasse 100
73240 Wendlingen
Germany

ORIGINAL

Document No.: ukca_declarationofconformity_2021-10-28.docx

UK Declaration of Conformity

The manufacturer states that the products are in conformity with Electrical Equipment (Safety) Regulations 2016.

Manufacturer

eSystems MTG GmbH
Bahnhofstrasse 100
73240 Wendlingen
Germany

As manufacturer we state that the products comply with UK legislation. We take full responsibility for the product's compliance of the below listed IC-CPD (In Cable Control and Protection Device).

The detailed description of the IC-CPD results from the definition of an IC-CPD according to BS EN 62752:2016

Type	Description	Model	Phase (s)	Current
PMCP11A	Porsche Mobile Charger Plus 11kW und 7,2kW, HW-/SW- Derivat A	Porsche IC-CPD Basis Plus, IEC 11kW, Type 2	3	16A
		Porsche IC-CPD Basis Plus, 7,2kW, Type 2	1	32A
PMCP72A	Porsche Mobile Charger Plus 7,2kW, HW-/SW- Derivat A	Porsche IC-CPD Basis Plus, IEC 7,2kW, Type 1	1	32A

Further UK legislation have been observed as far as applicable:

- Electromagnetic Compatibility Regulations 2016
- Radio Equipment Regulations 2017
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The declaration is based on the CB certificates
SE-102035, SE-102051, SE-101996, SE-101997
issued by:
Intertek Semko AB, Torshamnsgatan 43, SE-164 22 Kista, Sweden

This declaration expires on 31.12.2022

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Compliance is demonstrated by the application of the following designated standards and/or other normative documents listed below:

EN 50561-1:2013, EN 50561-1:2013/AC:2015	Power line communication apparatus used in low-voltage installations - Radio disturbance characteristics - Limits and methods of measurement - Part 1: Apparatus for in-home use
EN 61000-6-2:2005/AC:2005	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments
EN 61000-6-3:2007/A1:2011	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light- industrial environments.
EN 61000-6-4:2007/A1:2011	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61851-1:2011	Electric vehicle conductive charging system - Part 1: General requirements
EN 61851-22:2002	Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station
BS EN 61984:2009	Connectors. Safety requirements and tests
EN 62196-1:2014	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements
EN 62196-2:2017	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
EN IEC 62311:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
BS EN 62752:2016	In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
ETSI EN 300 328: 2021	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum

Wendlingen, den 28/10/2021

eSystems MTG GmbH
Bahnhofstraße 100
73240 Wendlingen
Germany

Jochen Pauckert – Geschäftsführer eSystems MTG GmbH

PORSCHE

UK Declaration of Conformity

UK CA

Nr. UK-KE-001.06_2021

Modelname(s)	Parts
Porsche Home Energy Manager Home Energy Manager Home Charge Manager	HEM/HCM device (rail-mounted device), external power supply unit, connector bag, WLAN antenna, current sensors

Manufacturer: Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Porscheplatz 1
70435 Stuttgart
Germany

Importer: Porsche Cars Great Britain Ltd.
Bath Road, Calcot
Reading RG31 7SE
United Kingdom

We, Dr. Ing. h.c. F. Porsche Aktiengesellschaft, declare that the above named product is in conformity with the following regulations of the United Kingdom:

- **Directive 2011/65/EU** of the European Parliament and of the Council of 08 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
- **The Radio Equipment Regulations 2017 No. 1206 as amended**

The conformity is based on the following designated standards:

- EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
- EN 50561-1:2013/AC:2015 Power line communication apparatus used in low-voltage installations - Radio disturbance characteristics - Limits and methods of measurement - Part 1: Apparatus for in-home use
- EN 50412-2-1:2005 Power line communication apparatus and systems used in low-voltage installations in the frequency range 1,6 MHz to 30 MHz - Part 2-1: Residential, commercial and industrial environment - Immunity requirements
- EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
- EN 61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3:2013 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 61010-1:2010 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements

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- EN 61010-2-030:2010 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-030: Particular requirements for testing and measuring circuits
- EN 61010-2-201:2013 Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-201: Particular requirements for control equipment
- EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
- EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
- ETSI EN 301 489-1 V2.2.0 (2017-03) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ETSI EN 301 489-17 V3.2.0 (2017-03) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems

The manufacturer bears sole responsibility for issuing this declaration of conformity.

Signed for and on behalf of
Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Porscheplatz 1
70435 Stuttgart
Germany

Weissach, 17 June 2021

Joachim Kramer
Head of Development Charging

Dirk Herke
Head of Charging Equipment