

EU Declaration of Conformity (No. 106)

Product model / product:

Product: IHD6 - Consumer Smart Energy Device

Model: IHD6-CAD-PPMID

Accessories Supplied: Plug-top Power Supply:
Part Number - S003ATB0500050
Model Number - R030648L-B

Name and address of manufacturer:

Chameleon Technology (UK) Ltd
PO Box 828
HARROGATE
HG1 9XS
United Kingdom

Chameleon Technology (UK) Ltd declare under our sole responsibility that the above mentioned product conforms to the essential requirements of the European Union Directive 2014/53/EU.

The device and its supplied Power Supply have been tested and found to be conformant to the following harmonised standards:

Reference & Date**Title****Electrical Safety**

EN 62368-1:2014+A11:2017

Audio/video, information and communication technology equipment Safety requirements

Electromagnetic Compatibility

EN 55032:2015

Electromagnetic compatibility of multimedia equipment. Emissions requirements

EN 55035:2017

Electromagnetic compatibility of multimedia equipment. Immunity requirements

EN 61000-3-2:2014

Electromagnetic compatibility (EMC) limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013

Electromagnetic compatibility (EMC) limits. Part 3-3 limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection



EN 301 489-1: V2.1.1 Electromagnetic compatibility (EMC) standard for radio equipment and services (Common Technical requirements)

EN 301 489-17: V3.1.1 Electromagnetic compatibility (EMC) standard for radio equipment and services (Broadcast Data Transmission Systems)

Radio Spectrum Efficiency

EN 300 328: V2.1.1 Wideband transmission systems: Data transmission equipment operating in the 2.4GHz band

Radio Type	Frequency Range	Max. Transmit Power
IEEE 802.15.4	2400MHz - 2483.5MHz	14dBm EIRP
IEEE 802.11 b/g/n	2400MHz - 2483.5MHz	20dBm EIRP

RoHS

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

ECO Design

(EU) 2019/1782 Ecodesign requirements for external power supplies

Other Requirements

EN 62311:2020 Human exposure restrictions for EMC fields (0Hz to 300GHz)

Place of Issue: Harrogate, UK

Date of Issue: 29/03/2022

Signed:

Michael Woodhall, CEO