

# EU Declaration of Conformity (No. 105)

**Product model / product:**

**Product:** IHD6 - Consumer Smart Energy Device

**Model:** IHD6-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 61000-3-2:2019

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

EN 61000-3-3:2013+A1:2019

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  $\leq 16$  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 (Common Technical requirements)

EN 301 489-17: V3.2.2 Electromagnetic compatibility (EMC) standard for radio equipment and services (Broadcast Data Transmission Systems)

### Radio Spectrum Efficiency

EN 300 328: V2.2.2 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          |

### 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:**

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Michael Woodhall, CEO