

# UK Declaration of Conformity

**We**  
**Company Name:** XP POWER LIMITED  
**Company Address:** Horseshoe Park  
Pangbourne  
Berkshire  
RG8 7JW  
United Kingdom

**Declare that this DoC is issued under our sole responsibility and belongs to the following product.**

**Product Name:** LH series  
**Product Type:** Rack mount power supply  
**Model Number:** All model numbers within the LH series with 400VAC input option

The object of the declaration above is in conformity to the following UK Regulations and Product Specifications:

<b>Electromagnetic Compatibility Regulations 2016, SI 2016 No. 1091:</b>	<i>EN 61000-6-4:2011, class A</i> CISPR 11, class A IEC 61000-4-3:2010 IEC 61000-4-5:2009 IEC 61000-4-11:2004	<i>EN 61000-6-2:2005</i> IEC 61000-4-2:2008 IEC 61000-4-6:2013 IEC 61000-4-4:2012
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**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, No. 3032:** 2011/65/EU

**The Electrical Equipment (Safety) Regulations 2016, SI 2016 No. 1101:** IEC 61010-1: 2010. 3<sup>rd</sup> edition

**Environmental Conditions:** Indoor use  
Normal environmental conditions per IEC61010-1 paragraph 1.4.1.  
Altitude up to 2000 meters  
Temperature 5 deg C to 40 deg C  
Humidity 80% maximum  
Input Mains Fluctuations  $\pm 10\%$   
Pollution Degree 2 per IEC61010-1, paragraph 3.6.8

**Means of Conformity:** **Electromagnetic Compatibility Regulations 2016, SI 2016 No 1091**, based on the use of testing and Technical Documentation in accordance with this Regulation.

**The Electrical Equipment (Safety) Regulations 2016, SI 2016 No 1101**, based on the use of design analysis and testing in accordance with this Regulation.

**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, No. 3032**, based on the use of Technical Documentation in accordance with this Regulation.

**Technical Documentation:** Technical Document, EMC: 04302021LH.TCF  
Technical Document, RoHS II: 04302021LH.TD

Test Labs: NTS  
36 Gilbert Street South  
Tinton Falls, NJ 07701 (USA)

XP POWER LLC  
124 West Main Street  
High Bridge, NJ 08829-0317 (USA)

EMC Compliance Report: 40341-03-1.GHV Rev 0  
EMC Compliance Report: 41643-10.LH-GHV Rev 0  
Electrical Equipment (Safety) Report: LVD, PS/LH100R050-40

Signed for and on behalf of: XP POWER LLC  
PO Box 317  
124 West Main Street  
High Bridge, NJ 08829-0317 (USA)

Name: Steven DeClario

Signature: *Steve DeClario*

Function: Director of Engineering  
Date: May 03, 2021