

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: LQ series
Product Type: Rack mount power supply
Model Number: All model numbers within the LQ series

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

Electromagnetic Compatibility Regulations 2016, SI 2016 No. 1091:	<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. 3rd edition

Environmental Conditions: Indoor use
Normal environmental conditions per IEC 61010-1 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 IEC1010-1, 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: 04302021LQ.TCF
Technical Document, RoHS II: 04302021LQ.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: 40382-04.GHV, Rev. 1
EMC Compliance Report: 41643-10-LQ-GHV, Rev. 0
EMC Compliance Report: PR022151.GHV, Rev 1
EMC Compliance Report: EMC, LQ02.0P05.0-4A, Rev. NR
Electrical Equipment (Safety) Report: LVD, PS/LQ05N2.00

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 06, 2021