

EC Declaration of Conformity



We, the responsible manufacturer;

Company Name:	Mascot Electronics AS		
Postal Address:	P.O.Box 177, N-1601 Fredrikstad, NORWAY		
Visiting Address:	Mosseveien 109, N-1624 Gressvik, NORWAY		
Telephone:	(+47) 69 36 43 00	E-mail:	sales@mascot.com
		WEB:	www.mascot.com

declare that this Declaration is issued under our sole responsibility and belongs to the following product(s):

Product and intended purpose:	Power Supply Unit																											
Brand(s):	and/or MASCOT (may also carry additional customer name, logo or trade mark)																											
Type(s)/Model(s)/UDI-DI:	3320-series (with 2-pins IEC 60320 inlet for exchangeable AC-plugs or detachable mains cord.)																											
Batch / Serial No./UDI-PI:	all CE-marked products produced from the date indicated below (for production date: see marking on the product)																											
Description:	<p>Input: 100-240 VAC 50-60 Hz max. 1.35 A, Class II</p> <p>Output:</p> <table border="0"> <tr> <td>model 3320-50:</td> <td>5.0 VDC,</td> <td>max. 8 A, max. 40 W</td> </tr> <tr> <td>model 3320-60:</td> <td>5.1 - 6.0 VDC,</td> <td>max. 6.66 A, max. 40 W</td> </tr> <tr> <td>model 3320-75:</td> <td>6.1 - 7.9 VDC,</td> <td>max. 7 A, max. 52.5 W</td> </tr> <tr> <td>model 3320-90:</td> <td>8 - 11.9 VDC,</td> <td>max. 6 A, max. 54 W</td> </tr> <tr> <td>model 3320-12:</td> <td>12 - 14.9 VDC,</td> <td>max. 5 A, max. 60 W</td> </tr> <tr> <td>model 3320-15:</td> <td>15 - 16.9 VDC,</td> <td>max. 4 A, max. 60 W</td> </tr> <tr> <td>model 3320-18:</td> <td>17 - 19.9 VDC,</td> <td>max. 3.33 A, max. 60 W</td> </tr> <tr> <td>model 3320-24:</td> <td>20 - 29.9 VDC,</td> <td>max. 2.5 A, max. 60 W</td> </tr> <tr> <td>model 3320-36:</td> <td>30 - 45 VDC,</td> <td>max. 1.66 A, max. 60 W</td> </tr> </table>	model 3320-50:	5.0 VDC,	max. 8 A, max. 40 W	model 3320-60:	5.1 - 6.0 VDC,	max. 6.66 A, max. 40 W	model 3320-75:	6.1 - 7.9 VDC,	max. 7 A, max. 52.5 W	model 3320-90:	8 - 11.9 VDC,	max. 6 A, max. 54 W	model 3320-12:	12 - 14.9 VDC,	max. 5 A, max. 60 W	model 3320-15:	15 - 16.9 VDC,	max. 4 A, max. 60 W	model 3320-18:	17 - 19.9 VDC,	max. 3.33 A, max. 60 W	model 3320-24:	20 - 29.9 VDC,	max. 2.5 A, max. 60 W	model 3320-36:	30 - 45 VDC,	max. 1.66 A, max. 60 W
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The product(s) described above are in conformity with the relevant European Union harmonisation legislation:

2014/35/EU	EU Directive - Safety of electrical equipment ("Low-Voltage Directive") (LVD) recast, repealing Directives 2006/95/EC & 73/23/EEC
2014/30/EU	EU Directive - Electromagnetic Compatibility (EMC) recast, repealing Directives 2004/108/EC & 89/336/EEC
93/42/EEC	EU Directive - General Medical Devices (MDD), Risk Class I Device will from 05.05.2020 be repealed by Regulation (EU) 2017/745
2009/125/EC	EU Directive - Energy Related Products, Ecodesign (ERP) recast, repealing Directive 2005/32/EC (EUP)
2015/863/EU	EU Directive - Restriction on use of Hazardous Substances in EEE ("RoHS3") recast, repealing Directives 2002/95/EC, 2008/35/EC & 2011/65/EU

The following harmonised standards and technical specifications have been applied:

(International editions and comments indicated in brackets)

Electrical Safety (to LVD- & MDD-Directives):

EN 60950-1	EN 60950-1:2006 + /A1:2010, + /A11:2009, + /AC:2011, + /A12:2011 + /A2:2013 (IEC 60950-1:2005 modified + /A1:2009 modified + /A2:2013 modified, Edition 2.2) (will from 20.06.2019 be replaced by standard EN 62368-1:2014 + /AC:2015, Edition 2.0 (IEC 62368-1:2014, Edition 2.0)	IT-equipment (ITE), Edition 2.2 A/V, ITE & COMM. Equipm.)
EN 60601-1	EN 60601-1:2006 + /AC:2010 + /A1:2013 (IEC 60601-1:2005 + /A1:2012)	Medical electrical equipment, Edition 3.1

Electromagnetic Compatibility (to EMC- & MDD-Directives):

EN 61000-6-1	EN 61000-6-1:2007 (IEC 61000-6-1:2005, Edition 2.0) (also IEC 61000-6-1:2016, Edition 3.0, not yet an EN-norm)	Immunity-residential, comm. & light-industrial environment, Edition 2.0
EN 61000-6-3	EN 61000-6-3:2007 + /A1:2011 & /AC:2012 (IEC 61000-6-3:2007 + /A1:2010)	Emission-residential, comm. & light-industrial environment, Edition 2.1
EN 55022	EN 55022:2010 + /AC:2011 (CISPR 22:2008 modified, Edition 6.0)(Note: CISPR 22 is now replaced by CISPR 32:2012)	Emission-IT-Equipment, Edition 6.0

EC Declaration of Conformity



EN 55024	EN 55024:2010 (CISPR 24:2010, Edition 2.0) (also CISPR 24:2010 + /Corr.1:2011 + /A1:2015, Edition 2.1, but not yet an EN-norm)	Immunity-IT-Equipment, Edition 2.0
EN 55032	EN 55032:2012 + /AC:2013 (CISPR 32:2012 + /Corr.1:2012 + /Corr 2:2012, Edition 1.0) (also CISPR 32:2015, Edition 2.0, but not yet an EN-norm)	Emission-Multimedia Equipment, Edition 1.0
EN 60601-1-2	EN 60601-1-2:2007 from 31/12/2018: EN 60601-1-2:2015 (IEC 60601-1-2:2007 modified, Edition 3.0)(Note: for IEC: Edition 3.0 is replaced by IEC 60601-1-2:2014, Edition 4.0)	Medical equipment, EMC - Requirements and tests, Edition 3.0 Medical equipment, EMC - Requirements and tests, Edition 4.0

Ecodesign (to ERP-Directive):

Commission Regulation (EC) No 278/2009	implementing Directive 2005/32/EC with regard to eco-design requirements for no-load condition electric power consumption and average active efficiency of external power supplies
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The Product is also in Compliance with other Ecodesign requirements:

EC Code of Conduct On Energy Efficiency of external Power Supplies version 5, Tier 2

US Code of Federal Regulations, Title 10, Chapter II, Subchapter D, Part 430, Energy Conservation Program for Consumer Products

International Efficiency Marking Protocol for External Power Supplies (v3.0 September 2013, doc. ref. EERE-2008-BT-STD-0005-0218), Level VI

Additional Information:

Compliance with harmonised standards and technical specifications may have been verified by the manufacturer, by third party testing or by a Certification Body (NCB).

The output voltage is a fixed voltage within the range indicated above.

The products are considered Risk Class I devices according to the General Medical Devices Directive.

The product(s) may be produced at production sites (for specific product: see "Made in"-marking on the product):

Mascot Electronics AS P.O.Box 177, N-1601 Fredrikstad, NORWAY	Mascot Baltic OÜ Taevakivi 15 EE-13619 Tallinn ESTONIA	Mascot Power Supplies (Ningbo) Co.,Ltd No.128 Jinchuan Road, Zhenhai Ningbo 315221 CHINA
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The production sites are certified to standard EN 29001:2015 (ISO 9001:2015) by:

Mascot Electronics AS: Kiwa Teknologisk Institutt certificate ref. 044	Mascot Baltic OÜ: Metrosert certificate ref. K-144	Mascot Power Supplies (Ningbo) Co.,Ltd: DNV-GL certificate ref. 179027-2015
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The most recent issue of this Declaration is available at www.mascot.com.

Signed on behalf of Mascot Electronics AS

Fredrikstad, Norway

Place of issue

2018-05-28

Date of issue


Finn-Erik Wailin, Compliance Manager

Name, function, signature