EU 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:	**Desktop Power Supply**
Brand(s):	**and/or** **(may also carry additional customer name, logo or trade mark)**
Type(s)/Model(s)/ UDI-DI:	**Type 2820** **model 2820 (2xMOOP), model 2820P (2xMOPP), model 2820B (2xMOOP open frame) & model 2820BP (2xMOPP open frame)** **(may also carry additional customer model name or part number)**
Description:	**Input: max.1.2 A 220-240 VAC 50-60 Hz, Class I or II** **Output: 5V-version: 4 - 6 VDC max. 8.5 A / 51 W** **9V-version: 6 - 9 VDC max. 8.5 A / 77 W** **12V-version: 9 - 13.2 VDC max. 8.5 A / 103 W** **16V-version: 12 - 16.8 VDC max. 7.7 A / 102 W** **24V-version: 16.8 - 24 VDC max. 6.0 A / 101 W** **28V-version: 24 - 28 VDC max. 4.4 A / 106 W** **36V-version: 28 - 38 VDC max. 3.6 A / 103 W** **48V-version: 38 - 48 VDC max. 2.7 A / 103 W** **60V-version: 48 - 63 VDC max. 2.1 A / 101 W** **64V-version: 63 - 67 VDC max. 1.6 A / 100 W** **(fixed output voltage within the range)** **NOTE: For compliance with standards EN 60950-1 and EN 60601-1 output terminals exceeding 60 VDC must be inaccessible to the operator and may not be interconnected.**

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**
(EU) 2017/745	**EU Regulation - Medical Devices Regulation (MDR)**, **Risk Class I Device** **amending Directive 2001/83/EC, Regulations (EC) 178/2002 & (EC) 1223/2009 and repealing Directives 90/385/EEC & 93/42/EEC**
2015/863/EU 2011/65/EU	**EU Directive - Restriction on use of Hazardous Substances in EEE ("RoHS3")** **recast, repealing Directives 2002/95/EC & 2008/35/EC**

The product(s) described above may only be used in applications not falling under the requirement of:

EU Directive 2009/125/EC	***EU Directive - Energy Related Products, Ecodesign (ERP) with requirements EU Commission Regulation (EC) 2019/1782***
UK Regulation	***Ecodesign for Energy-Related Products (External Power Supplies) Regulations 2020***

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)** **Note: Expire for CE-marking to LVD from 20.12.2020)**	**IT-equipment (ITE), Edition 2.2**
EN 60601-1	**EN 60601-1:2006 + /AC:2010 +/A1:2013+/A2:2021** **(IEC 60601-1:2005 + /A1:2012+/A2:2020)**	**Medical electrical equipment, Edition 3.2**

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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**
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**

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 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 Baltic OÜ	**Taevakivi 15, EE-13619 Tallinn, ESTONIA or**
Mascot Power Supplies (Ningbo) Co.,Ltd	**No.128 Jinchuan Road, Zhenhai, Ningbo 315221, CHINA**

The production sites are certified to standard EN 29001:2015 (ISO 9001:2015):

Mascot Baltic OÜ:	**Metrosert, certificate ref. K-144**
Mascot Power Supplies (Ningbo) Co.,Ltd:	**DNV-GL, certificate ref. 179027-2015**

The most recent issue of this Declaration is available at www.mascot.com.

Signed on behalf of Mascot Electronics AS

Fredrikstad, Norway	**2023-02-14**	**Fredrik Johansen, Compliance Manager**
Place of issue	Date of issue	Name, function, signature