


# EU & UK Declaration of Conformity



## We, the responsible manufacturer;

Company Name:	Mascot Electronics AS		
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		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:	Battery Charger for Li-Ion-, LiFePO <sub>4</sub> - or Lead-Acid Batteries		
Brand(s):	 and/or <b>MASCOT</b> (may also carry additional customer name, logo or trade mark)		
Type(s)/Model(s)/	3240 (2MOOP protection to IEC 60601-1)		
UDI-DI:	3240P (2MOPP protection to IEC 60601-1)		
	3240B (PCB only, for building-in, 2MOOP protection to IEC 60601-1)		
	3240BP (PCB only, for building-in, 2MOPP protection to IEC 60601-1)		
	(may also carry additional customer model name or part number)		
Batch / Serial No./	all CE- and/or UKCA- marked products produced from the date indicated below		
UDI-PI:	(for production date: see marking on the product)		
Description:	<p><b>Input:</b> max.2.1A 100-120V/220-2340VAC 50-60Hz, Class I or II</p> <p><b>Output:</b></p> <p>for Lead-Acid Batteries 6V to 48V (Ucharge = max.2.45V/cell):</p> <p>Charge current 8.5A - 1.7A (max.100W)</p> <p>for Li-Ion Batteries 1 to 16 cell (Ucharge = max.4.2V/cell):</p> <p>Charge current 8.5A - 1.5A (max.100W)</p> <p>for LiFePO<sub>4</sub> Batteries 1 to 16 cell (Ucharge = max.3.65V/cell):</p> <p>Charge current 8.5A - 1.7A (max.100W)</p> <p>NOTE: For compliance with standard EN 60601-1 output terminals &gt;60VDC must be inaccessible to the operator.</p>		

The product(s) described above are in conformity with the relevant European Union harmonisation legislation for CE-marking:

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
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 product(s) described above are in conformity with the relevant U.K. legislation for UKCA-marking:

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility (EMC) Regulations 2016

The Medical Devices (Amendment etc.) (EU Exit) Regulations 2020, Risk Class I Device

Ecodesign for Energy-Related Products (External Power Supplies) Regulations 2020

Draft Regulation, awaiting implementation

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The following harmonised standards and technical specifications have been applied:

(International editions and comments indicated in brackets):

## **Electrical Safety (to EU LVD-Directive and UK Electrical Equipment Regulations 2016):**

<b>EN 60950-1</b>	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)	IT-equipment (ITE), Edition 2.2 (OBS! expired for CE-marking !!)
<b>EN 60335-1</b>	EN 60335-1:2012 + /AC:2014 + /A11:2014 (IEC 60335-1:2010 modified, Edition 5.0)(also IEC 60335-1:2010 modified + /A1:2013 + /A2:2016, Edition 5.2)	Household and similar appliances-General requirements, Edition 5.0
<b>EN 60335-2-29</b>	EN 60335-2-29:2004 + /A2:2010 (IEC 60335-2-29:2002 + /A1:2004 + /A2:2009, Edition 4.2) (also IEC 60335-2-29:2016, Edition 5.0)	Household and similar appliances-Requirements for battery chargers, Edition 4.2

## **Electrical Safety and Electromagnetic Compatibility (to MDR/MDD-Directives):**

<b>EN 60601-1</b>	EN 60601-1:2006 + /AC:2010 + /A1:2013 (IEC 60601-1:2005 + /A1:2012)	Medical electrical equipment, Edition 3.1
<b>EN 60601-1-2</b>	EN 60601-1-2:2015 (IEC 60601-1-2:2014, Edition 4.0)	Medical equipment, EMC - Requirements and tests, Edition 4.0

## **Electromagnetic Compatibility (to EU EMC-Directive & UK Electromagnetic Compatibility Regulations 2016):**

<b>EN 61000-6-1</b>	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
<b>EN 61000-6-3</b>	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
<b>EN 55014-1</b>	EN 55014-1:2006 + /A1:2009 & /A2:2011 (CISPR 14-1:2005 + /A1:2008 & /A2:2011, Edition 5.2) (also CISPR 14-1:2016, Edition 6.0, but not yet an EN-norm)	Emission-household appliances, Edition 5.2
<b>EN 55014-2</b>	EN 55014-2:1997 + /AC:1997, /A1:2001, /A2:2008 (CISPR 14-2:1997 + /A1:2001 & /A2:2008, Edition 1.2) (also CISPR 14-2:2015, Edition 2.0, but not yet an EN-norm)	Immunity-household appliances, Edition 1.2
<b>EN 55024</b>	EN 55024:2010 (CISPR 24:2010, Edition 2.0) (also CISPR 24:2010 + /Corr.1:2011 + /A1:2015, Edition 2.0)	Immunity-IT-Equipment, Edition 2.0
<b>EN 55032</b>	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

## **Ecodesign to EU ERP-Directive:**

<b>Commission Regulation (EC) No 2019/1782</b>	implementing Directive 2005/32/EC with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies (Repealing Commission Regulation (EC) No 2019/1782 from 2020-04-01) (Note: not applicable to Battery Chargers, ref. Article 1.2 item c) )
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## **Ecodesign for U.K.:**

<b>Draft Regulation only</b> (awaiting implementation)	Draft "Ecodesign for Energy-Related Products (External Power Supplies) Regulations 2020" (Note: not applicable to Battery Chargers)
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## **Restriction of the Use of certain Hazardous Substances (RoHS) for EU:**

<b>2015/863/EU "RoHS3"</b>	EU Directive - Restriction on use of Hazardous Substances in EEE Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment
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## **Restriction of the Use of certain Hazardous Substances for UK:**

<b>The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012</b>
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## **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 EU Medical Devices Directive, EU Medical Devices Regulation and the U.K. Medical Devices (Amendment etc.) (EU Exit) Regulations 2020.

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
- 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) by:

- 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](http://www.mascot.com).

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**Fredrikstad, Norway**

Place of issue

**2022-11-04**

Date of issue

Signed on behalf of Mascot Electronics AS

A handwritten signature in dark ink, reading 'Fredrik Johansen', written over a light blue rectangular background.

**Fredrik Johansen, Compliance Manager**  
Name, function, signature