

EU & UK Declaration of Conformity



We, the responsible manufacturer;

Company Name:	Mascot Electronics AS				
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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:	Battery Charger for Li-Ion-, LiFePO₄-, Li-Titanate, Lead-Acid or NiMH/NiCd Batteries				
Brand(s):	and/or MASCOT (may also carry additional customer name, logo or trade mark)				
Type(s)/Model(s)/UDI-DI:	3743 (may also carry additional customer model name or part number)				
Batch / Serial No./UDI-PI:	all CE- and/or UKCA- marked products produced from the date indicated below (for production date: see marking on the product)				
Description:	Input: max. 0.5 A, 100-240 VAC 50-60 Hz, Class II Output: for Li-Ion Batteries 1 - 14 cell (U _{charge} = max. 4.2V/cell, max. I _{charge} = 1.5 A - 0.3 A) for LiFePO ₄ Batteries 1 - 16 cell (U _{charge} = max. 3.65V/cell, max. I _{charge} = 1.5 A - 0.3 A) for LTO Batteries 1 - 20 cell (U _{charge} = max. 2.85V/cell, max. I _{charge} = 1.5 A - 0.3 A) for NiCd/NiMH Batteries 2 - 22 cell (U _{charge} = max. 1.5V/cell, max. I _{charge} = 1.3 A - 0.4 A) for Lead-Acid Batteries 6 - 48 V (U _{charge} = max. 2.45V/cell, max. I _{charge} = 1.5 A - 0.3 A) NOTE: - For EN 60601-1 compliance output voltages >60VDC may not be accessible or interconnected.).				

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 repealing directive 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 LVD-Directive):

EN 60335-1	EN 60335-1:2012 + /A1:2019 + /A2:2019/A15:2021 Household and similar appliances-General requirements, Edition 5.2 (IEC 60335-1:2010 modified + /A1:2013 + /A2:2016, Edition 5.2)
EN 60335-2-29	EN 60335-2-29:2021 /A1:2021 Household and similar appliances-Requirements for battery chargers, Edition 5.1 (IEC 60335-2-29:2016+A1:2019, Edition 5.1)

Electrical Safety and Electromagnetic Compatibility (to MDR-Directive):

EN 60601-1	EN 60601-1:2006 + /AC:2010 + /A1:2013/A2:2021 Medical electrical equipment, Edition 3.2 (IEC 60601-1:2005 + /A1:2012+ /A2:2020)
EN 60601-1-2	EN 60601-1-2:2015 Medical equipment, EMC - Requirements and tests, Edition 4.0 (IEC 60601-1-2:2014, Edition 4.0)

Electromagnetic Compatibility (to EMC-Directive):

EN 61000-6-1	EN 61000-6-1:2007 Immunity-residential, comm. & light-industrial environment, Edition 2.0 (IEC 61000-6-1:2005, Edition 2.0) (also IEC 61000-6-1:2016, Edition 3.0, not yet an EN-norm)
EN 61000-6-3	EN 61000-6-3:2007 + /A1:2011 & /AC:2012 Emission-residential, comm. & light-industrial environment, Edition 2.1 (IEC 61000-6-3:2007 + /A1:2010)
EN 55014-1	EN 55014-1:2021 Emission-household appliances, Edition 7.0 (CISPR 14-1:2020, Edition 7.0)
EN 55014-2	EN 55014-2:1997 + /AC:1997, /A1:2001, /A2:2008 Immunity-household appliances, Edition 1.2 (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)
EN 55024	EN 55024:2010 Immunity-IT-Equipment, Edition 2.0 (CISPR 24:2010, Edition 2.0) (also CISPR 24:2010 + /Corr.1:2011 + /A1:2015, Edition 2.1, but not yet an EN-norm)
EN 55035	EN 55035:2017/A11:2020 Immunity-Multimedia Equipment, Edition 1.0 (CISPR 35:2016)
EN 55032	EN 55032:2015 Emission-Multimedia Equipment, Edition 1.0 (CISPR 32:2015, Edition 2.0)

Ecodesign to EU ERP-Directive:

Commission Regulation (EC) No 2019/1782	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 (Note: not applicable to Battery Chargers, ref. Article 1.2 item c)
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Ecodesign for U.S.A. (Note: depends on battery used !):

US Code of Federal Regulations (CFR) Also called "DoE compliance"	10 CFR Part 430 - Energy Conservation Program for Consumer Products, 10 CFR Part 430, Subpart B - Test Procedures, 10 CFR Appendix Y to Subpart B of Part 430, Uniform Test Method for Measuring the Energy Consumption of Battery Chargers or 10 CFR Appendix Z to Subpart B of Part 430, Uniform Test Method for Measuring the Energy Consumption of External Power Supplies, whichever applicable.
California Code of Regulations (CCR) Also called "CEC-400 compliance" referring to CEC-400-2017-002 "2016 Appliance Efficiency Regulations" issued by California Energy Commission	CCR Title 20 - Public Utilities and Energy, Division 2 - State Energy Resources Conservation and Development Commission, Chapter 4 - Energy Conservation, Article 4 - Appliance Efficiency Regulations, Sections 1601 to 1609

Restriction of the Use of certain Hazardous Substances (RoHS) for EU:

2015/863/EU "RoHS3"	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:

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

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.

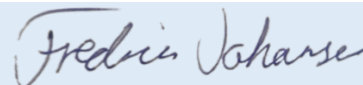
Signed on behalf of Mascot Electronics AS

Fredrikstad, Norway

Place of issue

2024-04-25

Date of issue



Fredrik Johansen, Compliance Manager

Name, function, signature