

EU & UK Declaration of Conformity




We, the responsible manufacturer;

Company Name: **Mascot Electronics AS**
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declare that this Declaration is issued under our sole responsibility and belongs to the following product(s):

Product and intended purpose: **Battery Charger for NiCd/NiMH Batteries**

Brand(s): ** and/or **MASCOT**** (may also carry additional customer name, logo or trade mark)

Type(s)/Model(s)/ UDI-DI: **2115 and 2116**
(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: 0.35A 100-240VAC 50-60 Hz, Class II**
Output:

2 cell version:	2.5 - 5.4 VDC,	max. 1.3 A	(6.3 VDC at no load)
3 - 6 cells version:	3.7 - 10.8 VDC	max. 1.3 A	(12.8 VDC at no load)
4 - 8 cells version:	5.0 - 14.4 VDC	max. 1.0 A	(16.5 VDC at no load)
5 - 10 cells version:	6.2 - 18.0 VDC	max. 0.8 A	(21 VDC at no load)
6 - 12 cells version:	7.5 - 21.6 VDC	max. 0.7 A	(24.7 VDC at no load)
10 - 20 cells version:	12.5 - 36.0 VDC	max. 0.4 A	(41 VDC at no load)

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)
(EU) No 2019/1782	EU Regulation - Ecodesign requirements for external power supplies (Note: not applicable to Battery Chargers, ref. Article 1.2 item c) repealing Commission Regulation (EC) No 278/2009
2015/863/EU Also 2011/65/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) (EU Exit) Regulations 2021 (Risk Class I Device)
The Ecodesign for Energy-Related Products and Energy Information (Amendment) Regulations 2021 Also previous amendments and regulations. (Also Retained Commission Regulation (EU) 2019/1782)
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-Directives and UK Electrical Equipment Regulations 2016):

EN 60335-1	EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + 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-Directives):

EN 60601-1	EN 60601-1:2006 + AC:2010 + A1:2013 + AC:2014 + A12:2014 + 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 + A1:2021 Medical equipment, EMC - Requirements and tests, Edition 4.1 (IEC 60601-1-2:2014 +A1:2020, Edition 4.1)

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

EN 61000-6-1	EN 61000-6-1:2019 Immunity-residential, comm. & light-industrial environment, Edition 3.0 IEC 61000-6-1:2016, Edition 3.0
EN 61000-6-3	EN 61000-6-3:2021 Emission-residential, comm. & light-industrial environment, Edition 3.0 (IEC 61000-6-3:2020)
EN 55014-1	EN 55014-1:2021 Emission-household appliances, Edition 7.0 (CISPR 14-1:2020, Edition 7.0)
EN 55014-2	EN 55014-2:2015 Immunity-household appliances, Edition 2.0 CISPR 14-2:2015, Edition 2.0
EN 55032	EN 55032:2015 + AC:2016 + A11:2020 + A1:2020 Emission-Multimedia Equipment, Edition 1.0 CISPR 32:2015 + A1:2019

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

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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

Type 2115 may be delivered with 2-pins IEC 60320 inlet for detachable mains cord or with non-detachable mains cord) and may also be delivered as protected against ingress of objects and water according to IP67 to standard EN/IEC 60529 (fitted with non-detachable mains cord and filled with PUR compound)

Type 2116 is for Direct Plug-In (when used with exchangeable mains plug-adapters) and for detachable mains cord.

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

Fredrikstad, Norway

Place of issue

2024-05-22

Date of issue

Signed on behalf of Mascot Electronics AS

A handwritten signature in dark ink, reading 'Fredrik Johansen'.

Fredrik Johansen, Compliance Manager

Name, function, signature