

# 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-, LiFePO<sub>4</sub>-, Li-Titanate, Lead-Acid or NiMH/NiCd Batteries**

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

Type(s)/Model(s)/UDI-DI: **3540**  
(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. 2.4 A, 220 - 240 VAC, 50 Hz or max. 4.3 A, 110 - 120 VAC, 60 Hz**

**Output for Lead-Acid Batteries:**  
6 V: 7.35 V ±10%, max. 20 A, max. 150 W      24 V: 29.4 V ±10%, max. 10 A, max. 294 W  
12 V: 14.7 V ±10 %, max. 20 A, max. 294 W      36 V: 44.1 V ±10%, max. 6.6 A, max. 294 W  
18 V: 22.2 V ±10%, max. 13.2 A, max. 294 W      48 V: 58.8 V ±10%, max. 5.0 A, max. 294 W

**Output for Li-Ion Batteries:**  
1 cell: 4.2 V ±10%, max. 20 A, max. 84 W      8 cell: 33.6 V ±10%, max. 8.7 A, max. 294 W  
2 cell: 8.4 V ±10%, max. 20 A, max. 168 W      9 cell: 37.8 V ±10%, max. 7.7 A, max. 294 W  
3 cell: 12.6 V ±10%, max. 20.0A, max. 294 W      10 cell: 42.0 V ±10%, max. 7.0 A, max. 294 W  
4 cell: 16.8 V ±10%, max. 17.5 A, max. 294 W      11 cell: 46.2 V ±10%, max. 6.3 A, max. 294 W  
5 cell: 21.0 V ±10%, max. 14 A, max. 294 W      12 cell: 50.4 V ±10%, max. 5.8 A, max. 294 W  
6 cell: 25.2 V ±10%, max. 11.6 A, max. 294 W      13 cell: 54.6 V ±10%, max. 5.3 A, max. 294 W  
7 cell: 29.4 V ±10%, max. 10 A, max. 294 W      14 cell: 58.8 V ±10%, max. 5.0 A, max. 294 W

**Output for LiFePO<sub>4</sub> Batteries:**  
1 cell: 3.65 V ±10%, max. 20 A, max. 75 W      9 cell: 32.85 V ±10%, max. 9.0 A, max. 295 W  
2 cell: 7.30 V ±10%, max. 20 A, max. 150 W      10 cell: 36.5 V ±10%, max. 8.0 A, max. 294 W  
3 cell: 10.95 V ±10%, max. 20 A, max. 220 W      11 cell: 40.15 V ±10%, max. 7.3 A, max. 294 W  
4 cell: 14.60 V ±10%, max. 20 A, max. 294 W      12 cell: 43.8 V ±10%, max. 6.7 A, max. 294 W  
5 cell: 18.25 V ±10%, max. 16 A, max. 294 W      13 cell: 47.45 V ±10%, max. 6.1 A, max. 294 W  
6 cell: 21.9 V ±10%, max. 13.4 A, max. 294 W      14 cell: 51.1 V ±10%, max. 5.5 A, max. 281 W  
7 cell: 25.55 V ±10%, max. 11.5 A, max. 294 W      15 cell: 54.75 V ±10%, max. 5.2 A, max. 284 W  
8 cell: 29.20 V ±10%, max. 10 A, max. 294 W      16 cell: 58.4 V ±10%, max. 5.0 A, max. 294 W

**Output for Lithium Titanate Batteries:**  
1 cell: 2.85 V ±10%, max. 20 A, max. 60 W      11 cell: 31.35 V ±10%, max. 9.3 A, max. 294 W  
2 cell: 5.7 V ±10%, max. 20 A, max. 115 W      12 cell: 34.2 V ±10%, max. 8.5 A, max. 294 W  
3 cell: 8.55 V ±10%, max. 20 A, max. 171 W      13 cell: 37.05 V ±10%, max. 7.9 A, max. 294 W  
4 cell: 11.4 V ±10%, max. 20 A, max. 230 W      14 cell: 39.9 V ±10%, max. 7.3 A, max. 294 W  
5 cell: 14.25 V ±10%, max. 20 A, max. 285 W      15 cell: 42.75 V ±10%, max. 6.8 A, max. 294 W  
6 cell: 17.1 V ±10%, max. 17 A, max. 294 W      16 cell: 45.6 V ±10%, max. 6.4 A, max. 292 W  
7 cell: 19.95 V ±10%, max. 14.7 A, max. 294 W      17 cell: 48.45 V ±10%, max. 5.5 A, max. 268 W  
8 cell: 22.8 V ±10%, max. 12.8 A, max. 294 W      18 cell: 51.3 V ±10%, max. 5.5 A, max. 282 W  
9 cell: 25.65 V ±10%, max. 11.4 A, max. 294 W      19 cell: 54.15 V ±10%, max. 5.2 A, max. 282 W  
10 cell: 28.5 V ±10%, max. 10.3 A, max. 294 W      20 cell: 57.0 V ±10%, max. 5.0 A, max. 285 W

**Output for NiMH/NiCd Batteries:**  
2 cell: max. 20 A, max. 3.60 V ±10%, max. 294 W  
3-6 cell: max. 20 A, max. 10.8 V ±10%, max. 294 W  
4-8 cell: max. 20 A, max. 14.4 V ±10%, max. 294 W  
5-10 cell: max. 16.3 A, max. 18.0 V ±10%, max. 294 W  
6-12 cell: max. 13.6 A, max. 21.6 V ±10%, max. 294 W  
10-20 cell: max. 8.1 A, max. 36.0 V ±10%, max. 294 W  
10-22 cell: max. 7.4 A, max. 39.6 V ±10%, max. 294 W

**NOTE:** "±10%" do not indicate the tolerance of the output voltage. "±10%" indicate that the product version is certified having an output voltage within this range.

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)
(EU) 2017/745	EU Regulation - Medical Devices Regulation (MDR), Risk Class I Device Note : The product complies with the necessary EMC and safety standards but is not registered as a medical device according to the procedure in the MDR.
2014/30/EU	EU Directive - Electromagnetic Compatibility (EMC)
2015/863/EU Also 2011/65/EU	EU Directive - Restriction on use of Hazardous Substances in EEE ("RoHS3")

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

SI 2016 No. 1101	Electrical Equipment (Safety) Regulations 2016
SI 2008 No. 1597	Electromagnetic Compatibility (EMC) Regulations 2016
SI 2002 No 618, as amended	The Medical Devices Regulations 2002
SI 2012 No. 3032	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):

EN 60601-1	EN 60601-1:2006 +/- AC:2010 +/- A1:2013 +/- AC:2014 +/- A12:2014 +/- A2:2021 (IEC 60601-1:2005 + /A1:2012+ /A2:2020)	Medical electrical eq, Ed 3.2
EN 60601-1-11	EN 60601-1-11:2015 +/- A1:2021 (IEC 60601-1-2:2015/A1:2020, Edition 2.1) NOTE: for products rated IPx1 or higher to standard EN 60529 only	Medical equipment, Home Healthcare, Edition 2.1
EN 60601-1-2	EN 60601-1-2:2015 +/- A1:2021 (IEC 60601-1-2:2014 +/- A1:2020, Edition 4.1)	Medical equipment, EMC - Requirements and tests, Edition 4.1
EN 61000-6-1	EN 61000-6-1:2019 (IEC 61000-6-1:2016, Edition 3.0)	Immunity-residential, comm. & light-industrial environment, Edition 3.0
EN 61000-6-3	EN 61000-6-3:2021 (IEC 61000-6-3:2020, Edition 3.0)	Emission-residential, comm. & light-industrial environment, Edition 3.0

**Ecodesign for U.S.A. (Note: depends on battery used !):**

<b>US Code of Federal Regulations (CFR)</b> 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.
<b>California Code of Regulations (CCR)</b> 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 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, Block #8, No. 1188 Zhong guan Road, Zhen Hai District 315200 NINGBO City, 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).

**Fredrikstad, Norway**

Place of issue

**16.04.2026**

Date of issue

Signed on behalf of Mascot Electronics AS

**Fredrik Johansen, Compliance Manager**

Name, function, signature