

EU DECLARATION OF CONFORMITY

We, the responsible manufacturer,

Company name: **ACCU-24 Batterien & Systeme GmbH**
Postal address: **Untergasse 5, 63688 Gedern, Germany**
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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 LiFePO₄- or Lead-Acid Batteries**
Brand(s): **airbät[®] and/or ACCU-24[®]** (may also carry additional customer name, logo or trade mark)
Type(s)/Model(s)/UDI-DI: **3546** (may also carry additional customer model name or part number)
Batch / Serial No./UDI-PI: **all CE-marked products produced from the date indicated below (for production date: see marking on the product)**
Description: **Input: max. 0.35 A 100-240 VAC 50-60 Hz, Class II**
Output: max. 28 W (see product specific technical information)
1- to 16-cell for LiFePO₄ Batteries or
12V, 24V, 36V or 48V for Lead Acid Batteries

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 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 following harmonised standards and technical specifications have been applied: (International editions and comments indicated in brackets) Electrical Safety (to LVD- Directives):

EN 60950-1	EN 60950-1:2006 + /A1:2010, + /A11:2009, + /AC:2011, + /A12:2011+ /A2:2013 IT-equipment (ITE), Edition 2.2 (IEC 60950-1:2005 modified + /A1:2009 modified + /A2:2013 modified, Edition 2.2) (OBS Expired from CE-marking!)
EN 60335-1	EN 60335-1:2012 + /A1:2013 + /A2:2016 Household and similar appliances-General requirements, Edition 5.2 (IEC 60335-1:2010 + /A1:2013 + /A2:2016, Edition 5.2)
EN 60335-2-29	EN 60335-2-29:2021 Household and similar appliances-Requirements for battery chargers, Edition 5.0 (IEC 60335-2-29:2016, Edition 5.0)

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

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)

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Electromagnetic Compatibility (to EMC-Directives):

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 55014-1:2017 Emission-household appliances, Edition 6.0 (CISPR 14-1:2016, Edition 6.0)
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	EN55024:2010 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 55032	EN 55032:2015 + /A11:2020 Emission-Multimedia Equipment, Edition 2.0 (CISPR 32:2015, Edition 2.0)

Ecodesign(to 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 (Repealing Commission Regulation (EC) No 2019/1782 from 2020-04-01)(Note: not applicable to Battery Chargers, ref. Article 1.2 item c))

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 Electronics AS, P.O.Box 177, N-1601 Fredikstad, Norway
- 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 Electronics AS: Kiwa Teknologisk Institutt certificate ref. K-044
- 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.accu-24.de.

Signed on behalf of ACCU-24 Batterien und Systeme GmbH:

Gedern, Germany
Place of issue

2024-08-23
Date of issue


Thomas Menzel, Executive Director
Name, function, signature