

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: **DC/DC Converter**

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

Type(s)/Model(s)/UDI-DI: **8862**
(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: **Data:**

12/12-version:	Input: 10 - 16VDC, Output: 13.2VDC max. 3A cont., 4A int.
12/24-version:	Input: 10 - 16VDC, Output: 24VDC max. 1.7A cont., 2.2A int.
12/48-version:	Input: 10 - 16VDC, Output: 48VDC max. 0.7A cont., 0.8A int.
24/12-version:	Input: 18 - 32VDC, Output: 13.2VDC max. 6A cont., 10A int.
24/24-version:	Input: 18 - 32VDC, Output: 24VDC max. 3A cont., 4A int.
24/36-version:	Input: 18 - 32VDC, Output: 36VDC max. 2.5A cont., 3A int.
24/48-version:	Input: 18 - 32VDC, Output: 48VDC max. 1.5A cont., 2A int.
36/12-version:	Input: 30 - 48VDC, Output: 13.2VDC max. 6A cont., 8A int.
36/24-version:	Input: 30 - 48VDC, Output: 24VDC max. 3A cont., 4A int.
48/12-version:	Input: 40 - 64VDC, Output: 13.2VDC max. 6A cont., 8A int.
48/24-version:	Input: 40 - 64VDC, Output: 24VDC max. 3A cont., 4A int.
48/48-version:	Input: 40 - 64VDC, Output: 48VDC max. 1.5A cont., 2A int.

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

2014/30/EU	EU Directive - Electromagnetic Compatibility (EMC) recast, repealing Directives 2004/108/EC & 89/336/EEC
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:

Electromagnetic Compatibility (EMC) Regulations 2016

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):

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

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)

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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

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 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.

Fredrikstad, Norway

Place of issue

2021-01-28

Date of issue

Signed on behalf of Mascot Electronics AS


Finn-Erik Wailin, Compliance Manager

Name, function, signature