

# EU Declaration of Conformity




## We, the responsible manufacturer;

Company Name: **Mascot Electronics AS**  
Postal Address: **P.O.Box 177, N-1601 Fredrikstad, NORWAY**  
Visiting Address: **Mosseveien 109, N-1624 Gressvik, NORWAY**  
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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): **8862**

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:

**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 following harmonised standards and technical specifications have been applied:

(International editions and comments indicated in brackets)

### Electromagnetic Compatibility (to EMC-Directive):

<b>EN 61000-6-1</b>	EN 61000-6-1:2007 (IEC 61000-6-1:2005, Edition 2.0) (also IEC 61000-6-1:2016, Edition 3.0, not yet an EN-norm)	Immunity-residential, comm. & light-industrial environment, Edition 2.0
<b>EN 61000-6-3</b>	EN 61000-6-3:2007 + /A1:2011 & /AC:2012 (IEC 61000-6-3:2007 + /A1:2010)	Emission-residential, comm. & light-industrial environment, Edition 2.1

### 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) are produced at production site:  
**Mascot Baltic OÜ, Taevakivi 15, EE-13619 Tallinn, ESTONIA**

The production site is certified to standard EN 29001:2015 (ISO 9001:2015):  
**Metrosert certificate ref. K-144**

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

**Fredrikstad, Norway**

Place of issue

**2019-05-22**

Date of issue

Signed on behalf of Mascot Electronics AS

  
**Finn-Erik Wailin, Compliance Manager**  
Name, function, signature