

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014.

Mascot Electronics A/S

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We, **Mascot Electronics A/S**, declare under our sole responsibility that the products:

## Battery Charger for Lead-Acid or Lithium-Batteries

Type: 2040 (3-pins IEC 60320 inlet and detachable mains cord)  
Type: 2041 (2-pins IEC 60320 inlet with detachable mains cord)  
Type: 2042 (with non-detachable mains cord)  
Type: 2042 IP67 (with non-detachable mains cord, filled with PUR potting compound, protected against ingress according to IP67 standard EN 60529)

Data: Input: max.1.2A 100-240VAC 50-60 Hz, Class I (2040) or Class II (2041 & 2042)

### Versions for Lead-Acid Batteries:

12V max. 4.0A      24V max. 2.0A      36V max. 1.3A\*      48V max. 1.0A\*

### Versions for Li-Ion Batteries:

3-cell max. 4.0A      4-cell max. 3.5A      5-cell max. 2.0A      6-cell max. 2.0A  
7-cell max. 2.0A      8-cell max. 1.7A      9-cell max. 1.5A      10-cell max. 1.4A  
11-cell max. 1.3A\*      12-cell max. 1.2A\*      13-cell max. 1.1A\*      14-cell max. 1.0A\*

### Versions for LiFePO<sub>4</sub> Batteries:

3-cell max. 4.0A      4-cell max. 4.0A      5-cell max. 2.0A      6-cell max. 2.0A  
7-cell max. 2.0A      8-cell max. 2.0A      9-cell max. 1.7A      10-cell max. 1.5A  
11-cell max. 1.4A      12-cell max. 1.3A\*      13-cell max. 1.2A\*      14-cell max. 1.1A\*  
15-cell max. 1.1A\*      16-cell max. 1.0A\*

\* versions with output voltage >42.4VDC are not in compliance with standard EN 60335-2-29 Cl.10.101.

are in conformity with the following standards or other normative documents:

### Electrical Safety:

EN 60950-1 (EN 60950-1:2006 +/A11:2009, /A1:2010 & /A12:2011) (IT-equipment)  
EN 60601-1 (EN 60601-1:2006 +/AC:2010 +/A1:201X DOA 2012-11-17) (Medical electrical equipment, 3<sup>rd</sup> Ed.)  
EN 60335-1 (EN 60335-1:2012) (Household and similar appliances)  
EN 60335-2-29 (EN 60335-2-29:2004) (Requirements for battery chargers)

### Electromagnetic Compatibility (EMC):

EN 61000-6-1 (EN 61000-6-1:2007) (Immunity-residential, commercial & light-industrial environment)  
EN 61000-6-3 (EN 61000-6-3:2007) (Emission-residential, commercial & light-industrial environment)  
EN 55022 (EN 55022:2010) (Emission-IT-Equipment)  
EN 55024 (EN 55024:2010) (Immunity-IT-Equipment)  
EN 60601-1-2 (EN 60601-1-2:2007 +/AC:2010) (Medical equipment, EMC - Requirements and tests)  
EN 55014-1 (EN 55014-1:2006) (Emission-household appliances)  
EN 55014-2 (EN 55014-2:1997 +/A1:2001, /A2:2008) (Immunity-household appliances)

following the provisions of EU-Directives:

2006/95/EC (repealing 73/23/EEC) (Low Voltage Directive, LVD)  
2004/108/EC (repealing 89/336/EEC) (EMC Directive)  
93/42/EEC (General Medical Devices Directive)  
2009/125/EC (repealing 2005/32/EC & 2008/28/EC) (Energy-related Products Directive, ErP)  
2011/65/EU (repealing 2002/95/EC & 2008/35/EC) (Restriction on use of Hazardous Substances in EEE, RoHS2)

and are produced under a quality system acc. to EN 29001:2008 (ISO 9001:2008).

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