

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 Chargers for Lead-Acid (LA), Li-Ion (LI) or LiFePO₄ (LFP) Batteries

Type: 2040 (DeskTop with 3-pins IEC 60320 C14 conn.), 2041 (DeskTop with 2-pins IEC 60320 C7 conn.),
2042 (DeskTop with non-detachable mains cord), 2042 IP67 & 2140 (Ingress protection IP67 to std. IEC 60529)

Data: Input: 1.2A 100-240VAC 50-60 Hz, Class I (2040) or Class II (2041, 2042, 2042 IP67 & 2140)

Output: LA-versions:

12V (14.7VDC 4.0A),
24V (29.4VDC 2.0A),
36V (44.1VDC 1.3A),
48V (58.8VDC 1.0A),

LI-versions:

3 cell (12.6VDC 4.0A),
4 cell (16.8VDC 3.5A),
5 cell (21.0VDC 2.0A),
6 cell (25.2VDC 2.0A),
7 cell (29.4VDC 2.0A),
8 cell (33.6VDC 1.7A),
9 cell (37.8VDC 1.5A),
10 cell (42.0VDC 1.3A),
11 cell (46.2VDC 1.2A),
12 cell (50.4VDC 1.2A),
13 cell (54.6VDC 1.1A),
14 cell (58.8VDC 1.0A),

LFP-versions:

3 cell (11.0VDC 4.0A),
4 cell (14.6VDC 4.0A),
5 cell (18.3VDC 2.0A),
6 cell (21.9VDC 2.0A),
7 cell (25.6VDC 2.0A),
8 cell (29.2VDC 2.0A),
9 cell (32.9VDC 1.7A),
10 cell (36.5VDC 1.5A),
11 cell (40.2VDC 1.4A),
12 cell (43.8VDC 1.3A),
13 cell (47.5VDC 1.2A),
14 cell (51.1VDC 1.1A),
15 cell (54.8VDC 1.1A),
16 cell (58.4VDC 1.0A).

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

Electrical Safety:

EN 60950-1	(EN 60950-1:2006 +/A11:2009, /A12:2011, /AC:2011 & /A2:2013)	(IT-equipment)
EN 60601-1	(EN 60601-1:2006 + /AC:2010)	(Medical electrical equipment, 3 rd 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 +/A1:2011)	(Emission-residential, commercial & light-industrial environment)
EN 55014-1	(EN 55014-1:2006)	(Emission-household appliances)
EN 55014-2	(EN 55014-2:1997 + /A1:2001, /A2:2008)	(Immunity-household appliances)
EN 55022	(EN 55022:2010 +/AC:2011)	(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)

following the provisions of EU-Directives:

2014/35/EU	(repealing 2006/95/EC & 73/23/EEC)	(Low Voltage Directive, LVD, recast)
2014/30/EU	(repealing 2004/108/EC & 89/336/EEC)	(EMC Directive, recast)
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 certified to standard EN 29001:2008 (ISO 9001:2008).

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Fredrikstad, Norway

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