

Proprietary Information of:  POWER SOLUTIONS & PROTECTION	Title: EMC Declaration of Conformity	Document No. URR.03127	Rev. AC
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Declaration of Conformity

We, Bel Fuse Inc., hereby declare under our sole responsibility that the products herein after referred to are in compliance with the European **EMC Directive 2014/30/EU**.

Manufacturer/Address: **Bel Fuse Inc.**
206 Van Vorst Street, Jersey City, New Jersey,
USA 07302

Product: **AC-DC Converter**

Type Designation: **LT Series**
 (Refer to detailed P/N on next page(s))

Directive: **DIR 2014/30/EU, EMC Directive**
 EMC Standard(s): **EN 55011:2016/AC:2017**
EN IEC 6100-6-2:2019
EN 61000-3-2:2014
EN 61000-3-3:2013

Prepared by:



Dubnica nad Váhom, Slovakia **Nov 25, 2019**
 (Manufacturer) (Place) (Date)
 Marian Hostacny, Engineering Manager

Approved by:



Uster, Switzerland **Nov 25, 2019**
 Rolf Baldauf, VP PMO & VAVE (Place) (Date)

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List of Product P/N:

No.	P/N	No.	P/N
1	LT1240-7DZ	22	LT1740-7
2	LT1240-7DZG	23	LT1740-7D
3	LT1240-7Z	24	LT1740-7DG
4	LT1240-7ZB1	25	LT1740-7DZ
5	LT1240-7ZB1G	26	LT1740-7DZG
6	LT1242-7Z	27	LT1740-7G
7	LT1242-7ZG	28	LT1740-7Z
8	LT1701-7	29	LT1740-7ZB1
9	LT1701-7B1G	30	LT1740-7ZB1G
10	LT1701-7G	31	LT1240-7ZG
11	LT1702-7	32	LT1740-7ZG
12	LT1702-7B1	33	LT1746-7DZ
13	LT1702-7B1G	34	LT1746-7DZG
14	LT1702-7DG	35	LT1804-7G
15	LT1702-7G	36	
16	LT1704-7	37	
17	LT1704-7G	38	
18	LT1705-7	39	
19	LT1705-7G	40	
20	LT1706-7	41	
21	LT1706-7G	42	

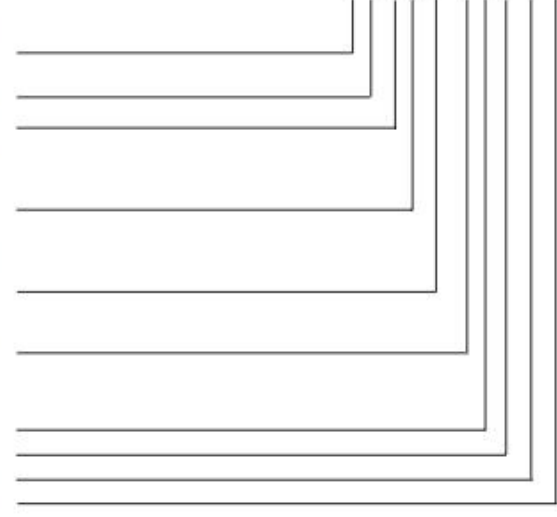
Note: model names may be followed by suffix indicating non-EMC critical option



Part Number Description

LT 1740-7DZB1G

Operating input range V_i, f_i	
70 – 140 VAC, 47 – 63 Hz	U
85 – 255 VAC, 47 – 63 Hz	L
Series	T
Number of outputs	1
Output setting voltage $V_{o\ set}$	
24, 27.25 V	2
48, 54.5 V	7
Rectifier version	01, 02 ³
Battery charger version	40 ⁴
Other voltages	00 to 99
Ambient temperature range T_A	
-25 to 71 °C	-7
Customer-specific models	-0 to -6
Auxiliary functions and options ¹	
Undervoltage monitor (option)	D
Cell voltage selector switch	Z ²
Baseplate (option)	B1
RoHS compliant for all six substances	G



¹ See *Description of Options*. Contact the Company for availability and lead times !
² Only for T1240/1740
³ No input for battery temperature sensor
⁴ With input for battery temperature sensor

Note: The sequence of options must follow the order above.

Example: LT1740-7ZG: AC-DC converter, input voltage range 85 – 255 VAC, single output 50.5 – 56.5 V, 10 A, operational ambient temperature –25 to 71 °C, with cell voltage selector switch, RoHS-compliant for all six substances.