



# Certificate of Compliance

**Certificate:** 70186325

**Master Contract:** 170351

**Project:** 80150410

**Date Issued:** 2022-12-05

**Issued To:** Bel Fuse Inc.  
206 Van Vorst St  
Jersey City, New Jersey, 07302  
United States

**Attention:** Editha S. Vergara

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*

**Issued by:** Gwangyeol Park  
Gwangyeol Park



## **PRODUCTS**

CLASS - C531167 - POWER SUPPLIES Component Type (CSA 62368-1)

CLASS - C531197 - POWER SUPPLIES - Component Type (UL 62368-1) - Component Type (UL 62368-1)

- Certified to US Stds

Component type power supplies intended for use with Information Technology and Business Equipment, where the suitability of the combination is to be determined by CSA Group.

AC/DC Switching Power Supply, Models SPACSCO-26G, SPACSCO-34G, SPACSCO-39G, SPACSCO-41G, SPACSCO-43G, SPACSCO-44G, PET1300-12-054NA, model names may be followed by alphanumeric characters indicating non-safety critical options.



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**Electrical Rating:**

Model	Input (AC)			Output (DC)	
	V	A	Hz	V	A
SPACSCO-26G, SPACSCO-34G, SPACSCO-39G, SPACSCO-41G, SPACSCO-43G, SPACSCO-44G	100-240 V~	12-5 A	50-60 Hz	V1: 12	90*
				V2: 3.3	3
PET1300-12-054NA	100-240 V~	12-6 A	50-60 Hz	V1: 12	108**
				V2: 3.3	3

**Note:**  
1. For models SPACSCO-26G, SPACSCO-34G and SPACSCO-39G only: \*V1 output current: max 90 A at 100-240 Vac input, 45°C operating ambient and at 120-240 Vac input, 55°C operating ambient; derated to max 80 A at 100-120 Vac input, 55°C operating ambient.  
2. For model PET1300-12-054NA only: \*\*V1 output current: derated to 90A at 90-108Vac (100 Vac nominal) input, 45°C operating ambient. V1 is maximum 108A at 108-264Vac (120-240 Vac nominal), input, 45°C operating ambient.

**CONDITIONS OF ACCEPTABILITY**

- Equipment shall be installed only by trained service personnel, according to the manufacturer installation instructions.
- Temperature tests shall be considered for specific installation conditions in the end system.
- Supply cord is not provided with the units and not part of the evaluation. Suitability of the supply cord for AC supply shall be considered at the end product application.
- Evaluated as Class I (earthed equipment). Reliable connection to Protective Earth shall be provided in the end use installation.
- Evaluated for connection to AC power with a branch circuit protector rated max 20 A.
- The appliance inlet for detachable power supply cord is considered the main disconnect device.
- Evaluated for use in a Pollution Degree 2 environment, up to 1800 m altitude, 55°C ambient and up to 4000 m, 45°C ambient for models SPACSCO-26G, SPACSCO-34G, and SPACSCO-39G. Models SPACSCO-41G, SPACSCO-43G, SPACSCO-44G, and PET1300-12-054NA can be operated up to 3050 m altitude, 55°C ambient.

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8. Suitability of the enclosure provided with the equipment as a FIRE, MECHANICAL and ELECTRICAL enclosure is to be determined in the end system. Front bezel was evaluated and complies with MECHANICAL and ELECTRICAL enclosure requirements.
  9. All secondary output circuits are ES1; Output V1 operates at hazardous energy levels (PS3).
  10. The output connector is not suitable for field wiring; it is only intended for connection to the main connectors in the end system. The connector was evaluated and maybe used for hot swap operation. Current Interruptions Test was performed (100 cycles for all models except PET1300-12-054NA; 200 cycles for PET1300-12-054NA).

#### **APPLICABLE REQUIREMENTS**

- |                              |   |   |
|------------------------------|---|---|
| CAN/CSA-C22.2 No. 62368-1:19 | - | Audio/video, information and communication technology equipment – Part 1: Safety requirements |
| UL 62368-1 3rd Ed.           | - | Audio/video, information and communication technology equipment – Part 1: Safety requirements |

#### Notes:

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Products certified under Class C531167 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80150410	2022-12-05	Update CSA 70186325 (SPACSCO-26G) to add alternate Bel P/N for isolating transformers due to alternate insulation system and add alternate sources of components, and upgrade approval to from 62368-1 (2.0) to (3.0) - based on acceptance of data from CPC program
70198251	2018-09-13	Update to report 70186325 models SPACSCO-41G to 44G, PET1300 to include addition of alternate fan source
70186325	2018-06-04	AC/DC Power Supply Models SPACSCO-26 to 44, PET1300 (CSA c/us)