



# Certificate of Compliance

**Certificate:** 80034906

**Master Contract:** 170351

**Project:** 80110255

**Date Issued:** 2021-12-14

**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 supplies /converter, Models PET750-12-050NA, PET750-12-050RA, PET750-12NAS520, PET750-12RAS521 and SPAINWN-01G, Model name may be followed by alpha numeric characters indicating non-safety critical operations.

Input rated: 100-240 V~, 9-4A, 50/60 Hz; Output rated: V1: 12 Vdc, 62 A max.; V2: 5Vsb, 3A



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Note: See Condition of Acceptability for V1 output based on input voltage.

### **CONDITIONS OF ACCEPTABILITY**

- 1) Equipment shall be installed only trained service personal, according to manufacturer installation instructions.
- 2) Suitability of the equipment enclosure as a Fire, Mechanical and Electrical Enclosure is to be determined in the end use installation. Front panel have been evaluated and meet fire, electrical and mechanical enclosure.
- 3) The Power supply unit (PSU) has been evaluated for use in Class I equipment, Reliable connection to Protective Earth shall be provided in the end use installation.
- 4) The PSU has been evaluated for use in Pollution Degree 2 environment, maximum 50°C ambient, The Creepage values of PSU have been evaluated for material group IIIb, The Clearance values of PSU have been evaluated for an altitude of 5000m, under IEC60664-1:1992 Table A.2 (altitude correction factor is 1.48)
- 5) The secondary output of PSU is Electrical energy source class 1 (ES1) and Power source class 3 (PS3).
- 6) The Connector Current Interruption Test was performed on the FCI connector (10118868-003LF), Output Connector for 200 cycles (insertion and withdrawal). Testing for additional cycles shall be determined during the end product evaluation, depending on end product application
- 7) The maximum output rating of unit vary with input voltage.

| Model name                         | Input voltage | Output |      |
|------------------------------------|---------------|--------|------|
|                                    |               | 12 Vdc | 5Vdc |
| PET750-12-054NA                    | 100-165Vac    | 43A    | 3A   |
| PET750-12NAS520<br>SPAINWN-01G     | 165-240Vac    | 62A    | 3A   |
| PET750-12-054RA<br>PET750-12RAS521 | 100-240Vac    | 62A    | 3A   |

### **APPLICABLE REQUIREMENTS**

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

Notes:

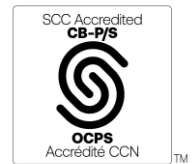


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Products certified under Class C531167 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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>  |
|----------------|-------------|---|
| 80110255       | 2021-12-14  | Update CSA 80034906 to add models PET750-12NAS520, PET750-12RAS521, alternate insulation system for power/auxiliary transformer and additional of alternate component sources |
| 80034906       | 2020-03-02  | Component Power Supply, models PET750-12-050NA, PET750-12-050RA and SPAINWN-01G4NA (upgrade 70026004 to 62368-1)  |