Delta Electronics, Inc

UKCA Declaration of Conformity

Ref No: PSBG-117-202410012-UKCA

Manufacturer name: Delta Electronics, Inc.

Add: 3, Tungyuan Road, Chungli Industrial Zone, Taoyuan City 32063, Taiwan

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Is herewith confirmed the following equipment

Product: SWITCHING POWER SUPPLY

Brand name: DELTA

1). MEP-500A12J BX1X2, MEP-500Y12JA X1X2X3;

2). MEP-500A18J BX1X2, MEP-500Y18JA X1X2X3;

3). MEP-500A24J BX1X2, MEP-500Y24JA X1X2X3;

4). MEP-500A48J BX1X2, MEP-500Y48JA X1X2X3

(Where X1, X2, X3 can be any alphanumeric character or blank)

Input rating:

1).

Input:100-240Vac; 6.5A.; 50-60Hz

Output:

12.0Vdc, 20.58A or 41.7A (With Forced Air)

5.0Vsb, 2.0A or 0.92A (Tma (ta) @70°C)

12.0Vfan, 0.6A

Total Power 247W or 500.4W Max. With 16CFM Forced Air (Tma (ta) @50 °C)

Note: below 115Vac to 100Vac derating the output load from 100% to 90%. See Input Voltage Derating Curve for details.

2).

Input:100-240Vac; 6.5A.; 50-60Hz

Output:

18.0Vdc, 13.73A or 27.8A (With Forced Air)

5.0Vsb, 2.0A or 0.92A (Tma (ta) @70°C)

12.0Vfan, 0.6A

Total Power 247W or 500.4W Max. With 16CFM Forced Air (Tma (ta) @50 °C)

Note: below 115Vac to 100Vac derating the output load from 100% to 90%. See Input Voltage Derating Curve for details.

3).

Input:100-240Vac; 6.5A.; 50-60Hz

Output:

24.0Vdc, 12.5A or 20.9A (With Forced Air)

5.0Vsb, 2.0A or 0.92A (Tma (ta) @70℃)

12.0Vfan, 0.6A

Total Power 300W or 501.6W Max. With 16CFM Forced Air (Tma (ta) @50 ℃)

Note: below 115Vac to 100Vac derating the output load from 100% to 90%. See Input Voltage Derating Curve for details.

4).

Input:100-240Vac; 6.5A.; 50-60Hz

Output:

48.0Vdc, 6.25A or 10.5A (With Forced Air)

5.0Vsb, 2.0A or 0.92A (Tma (ta) @70℃)

12.0Vfan, 0.6A

Total Power 300W or 504W Max. With 16CFM Forced Air (Tma (ta) @50 ℃)

Note: below 115Vac to 100Vac derating the output load from 100% to 90%. See Input Voltage Derating Curve for details.

On 1 January 2021 the UK standards will be the same in substance and with the same reference as the standards used in the EU. However, they will use the prefix 'BS' to indicate that they are standards adopted by the British Standards Institution as the UK's national standards body.

The UK regulations that correspond to the EU directives are as linked.

☒ Electrical Equipment (Safety) Regulations 2016

- ☒ BS EN 62368-1:2014+A11:2017
- ☒ BS EN IEC 62368-1:2020+A11:2020

☒ Electromagnetic Compatibility Regulations 2016

- ☒ BS EN 55032 : 2015+A11 :2020 Class B
- ☒ BS EN 55035 : 2017+A11 :2020
- ☒ BS EN 61000-3-2 : 2014, Class D
- ☒ BS EN IEC 61000-3-2 : 2019+A1:2021+A2:2024, Class D

- ☒ BS EN 61000-3-3 : 2013
- ☒ BS EN 61000-3-3 : 2013+A1:2019+A2:2021+AC:2022
- ☒ IEC 61000-4-2 : 2008: Edition 2.0
- ☒ IEC 61000-4-3 : 2020: Edition 4.0
- ☒ IEC 61000-4-4 : 2012: Edition 3.0
- ☒ IEC 61000-4-5 : 2017: Edition 3.1
- ☒ IEC 61000-4-6 : 2023: Edition 5.0
- ☒ IEC 61000-4-8 : 2009: Edition 2.0
- ☒ IEC 61000-4-11 : 2020: Edition 3.0
- ☐ BS EN 61000-6-4 :2007+A1 :2011
- ☐ BS EN IEC 61000-6-4 :2019
- ☐ BS EN 61000-6-2 :2005+AC:2005
- ☐ BS EN IEC 61000-6-2 :2019
- ☐ CISPR 11:2015+AMD1:2016+AMD2:2019 ED. 6.0
- ☐ BS EN 61204-3 :2000
- ☐ CISPR 11:2019 ED. 6.2 (Group, Class A)
- ☐ BS EN 55011:2016+A1:2017+A11:2020+A2:2021

☒ The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended 2019,2020)

- ☒ BS EN IEC 63000 :2018

☒ The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019

- ☒ BS EN 50563: 2011+A1: 2013

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Person responsible for making this declaration

Name, Surname: Delon Lo

Title: Safety Engineer

Place: Taiwan

Date: 2025-04-11

Signature: