

Declaration of Conformity

Ref No: MPBU-TW-201605023-CE-18

Manufacturer name: Delta Electronics, Inc.

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

Tel: 886- 3- 4526107

Fax: 886 -3- 4527314

Is herewith confirmed the following equipment

Product: SWITCHING POWER SUPPLY

Brand name: Delta

Type Designation: MDS-250ADB12 XX; MDS-250APB12 XX; MDS-300ABB24 XX;
MDS-300ADB24 XX; MDS-300APB12 XX; MDS-300APB24 XX; MDS-300APB48 XX;
MDS-300APB18 XX; MDS-250APB24 XX; MDS-250ADB24 XX; MDS-300ADB12 XX;
MDS-300ADB18 XX; MDS-300ADB48 XX (X=0-9, A-Z or blank)

Input Rating: 100-240Vac, 4A, 50-60Hz

Output rating:

For MDS-300APB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 10A

V2: 5Vsb, 0.5A

Total power 240W max convection air

For MDS-300ABB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 8.33A

V2: 5Vsb, 0.5A

Total power 200W max convection air

For MDS-300ADB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 8.75A

V2: 5Vsb, 0.5A

Total power 210W max convection air

For MDS-300APB12 XX

12V dc/25 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
12 V dc/18.33 A max., 5 V sb/0.5 A max.

Total power 220W max. by natural convection air

For MDS-300APB48 XX

48V dc/ 6.25 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
12 V dc/ 5.0A max., 5 V sb/0.5 A max.

Total power 240W max. by natural convection air

For MDS-250APB12 XX

12V dc/20.83 A max., 5V sb/0.5 A max.

Total power 250W max. with 10 CFM force air
12 V dc/12.5 A max., 5 V sb/0.5 A max.

Total power 150W max. by natural convection air

For MDS-250ADB12 XX

12V dc/20.83 A max., 5V sb/0.5 A max.

Total power 250W max. with 10 CFM force air
12 V dc/11.25 A max., 5 V sb/0.5 A max.

Total power 135W max. by natural convection air

For MDS-250APB24 XX

V1: 24Vdc, 10.41A

V2: 5Vsb, 0.5A

Total power 250W max with 10CFM force air

V1: 24Vdc, 6.15A

V2: 5Vsb, 0.5A

Total power 150W max by convection air

For MDS-250ADB24 XX

V1: 24Vdc, 10.41A

V2: 5Vsb, 0.5A

Total power 250W max with 10CFM force air

V1: 24Vdc, 5.53A

V2: 5Vsb, 0.5A

Total power 135W max by convection air

For MDS-300APB18 XX

18V dc/16.66 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
18 V dc/12.22 A max., 5 V sb/0.5 A max.

Total power 220W max. by natural convection air

For MDS-300ADB12 XX

V1: 12Vdc, 25A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 12Vdc, 15.83A

V2: 5Vsb, 0.5A

Total power 190W max convection air

For MDS-300ADB18 XX

V1: 18Vdc, 16.66A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 18Vdc, 10.56A

V2: 5Vsb, 0.5A

Total power 190W max convection air

For MDS-300ADB48 XX

V1: 48Vdc, 6.25A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 48Vdc, 4.38A

V2: 5Vsb, 0.5A

Total power 210W max convection air

Comply with the following directives and requirements set out in the Council Directive on the Approximation for the Laws of the Member States

- Low Voltage Directive 2014/35/EU
 - EN 62368-1:2014+A11:2017
- MDR Regulation 2017/745
 - EN 60601-1: 2006/A1 :2013/A12 :2014
 - EN 60601-1-2: 2015
 - CISPR 11:2009+A1:2010 (Group I, Class B)
 - IEC 61000-3-2: 2014
 - IEC 61000-3-3: 2013
- EMC Directive 2014/30/EU
 - EN 55032 : 2012+AC :2013 Class B
 - EN 55032 : 2015+AC :2016 Class B
 - EN 55032 : 2015+A11 :2020 Class B
 - EN 55035 : 2017
 - EN 55035 : 2017+A11 :2020
 - EN 55024 : 2010
 - EN 61000-3-2 : 2014, Class D
 - EN IEC 61000-3-2 : 2019, Class D
 - EN 61000-3-3 : 2013+ A1: 2019

- IEC 61000-4-2 : 2008: Edition 2.0
- IEC 61000-4-3 : 2010: Edition 3.2
- IEC 61000-4-4 : 2012: Edition 3.0
- IEC 61000-4-5 : 2014+ A1: 2017: Edition 3.1
- IEC 61000-4-6 : 2013: Edition 4.0
- IEC 61000-4-8 : 2009: Edition 2.0
- IEC 61000-4-11 : 2004+ A1: 2017: Edition 2.1
- RoHS Directive 2011/65/EU+ (EU) 2020/659
 - EN IEC 63000:2018
- Commission Regulation (EU) 2019/1782, ErP Directive 2009/125/EC
 - 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: Sam Tien

Title: Principal Engineer

Place: Taiwan

Date: 2021-08-26

Signature: 

UKCA Declaration of Conformity

Ref No: MPBU-TW-201605023-UKCA-18

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Brand name: Delta

Type Designation: MDS-250ADB12 XX; MDS-250APB12 XX; MDS-300ABB24 XX;
MDS-300ADB24 XX; MDS-300APB12 XX; MDS-300APB24 XX; MDS-300APB48 XX;
MDS-300APB18 XX; MDS-250APB24 XX; MDS-250ADB24 XX; MDS-300ADB12 XX;
MDS-300ADB18 XX; MDS-300ADB48 XX (X=0-9, A-Z or blank)

Input Rating: 100-240Vac, 4A, 50-60Hz

Output rating:

For MDS-300APB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 10A

V2: 5Vsb, 0.5A

Total power 240W max convection air

For MDS-300ABB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 8.33A

V2: 5Vsb, 0.5A

Total power 200W max convection air

For MDS-300ADB24 XX

V1: 24Vdc, 12.5A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 24Vdc, 8.75A

V2: 5Vsb, 0.5A

Total power 210W max convection air

For MDS-300APB12 XX

12V dc/25 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
12 V dc/18.33 A max., 5 V sb/0.5 A max.

Total power 220W max. by natural convection air

For MDS-300APB48 XX

48V dc/ 6.25 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
12 V dc/ 5.0A max., 5 V sb/0.5 A max.

Total power 240W max. by natural convection air

For MDS-250APB12 XX

12V dc/20.83 A max., 5V sb/0.5 A max.

Total power 250W max. with 10 CFM force air
12 V dc/12.5 A max., 5 V sb/0.5 A max.

Total power 150W max. by natural convection air

For MDS-250ADB12 XX

12V dc/20.83 A max., 5V sb/0.5 A max.

Total power 250W max. with 10 CFM force air
12 V dc/11.25 A max., 5 V sb/0.5 A max.

Total power 135W max. by natural convection air

For MDS-250APB24 XX

V1: 24Vdc, 10.41A

V2: 5Vsb, 0.5A

Total power 250W max with 10CFM force air

V1: 24Vdc, 6.15A

V2: 5Vsb, 0.5A

Total power 150W max by convection air

For MDS-250ADB24 XX

V1: 24Vdc, 10.41A

V2: 5Vsb, 0.5A

Total power 250W max with 10CFM force air

V1: 24Vdc, 5.53A

V2: 5Vsb, 0.5A

Total power 135W max by convection air

For MDS-300APB18 XX

18V dc/16.66 A max., 5V sb/0.5 A max.

Total power 300W max. with 10 CFM force air
18 V dc/12.22 A max., 5 V sb/0.5 A max.

Total power 220W max. by natural convection air

For MDS-300ADB12 XX

V1: 12Vdc, 25A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 12Vdc, 15.83A

V2: 5Vsb, 0.5A

Total power 190W max convection air

For MDS-300ADB18 XX

V1: 18Vdc, 16.66A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 18Vdc, 10.56A

V2: 5Vsb, 0.5A

Total power 190W max convection air

For MDS-300ADB48 XX

V1: 48Vdc, 6.25A

V2: 5Vsb, 0.5A

Total power 300W max with 10CFM force air

V1: 48Vdc, 4.38A

V2: 5Vsb, 0.5A

Total power 210W max convection air

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
- Medical Devices Regulations 2002 (SI 2002 No 618, as amended) (UK MDR 2002)
 - BS EN 60601-1: 2006/A1 :2013/A12 :2014
 - BS EN 60601-1-2: 2015
 - CISPR 11:2009+A1:2010 (Group I, Class B)
 - IEC 61000-3-2: 2014
 - IEC 61000-3-3: 2013
- Electromagnetic Compatibility Regulations 2016
 - BS EN 55032 : 2012+AC :2013 Class B
 - BS EN 55032 : 2015+AC :2016 Class B
 - BS EN 55032 : 2015+A11 :2020 Class B
 - BS EN 55035 : 2017
 - BS EN 55035 : 2017+A11 :2020
 - BS EN 55024 : 2010

- BS EN 61000-3-2 : 2014, Class D
- BS EN IEC 61000-3-2 : 2019, Class D
- BS EN 61000-3-3 : 2013+ A1: 2019
- IEC 61000-4-2 : 2008: Edition 2.0
- IEC 61000-4-3 : 2010: Edition 3.2
- IEC 61000-4-4 : 2012: Edition 3.0
- IEC 61000-4-5 : 2014 : Edition 3.0+ A1: 2017: Edition 3.1
- IEC 61000-4-6 : 2013: Edition 4.0
- IEC 61000-4-8 : 2009: Edition 2.0
- IEC 61000-4-11 : 2004: Edition 2.0+ A1: 2017: Edition 2.1
- 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: Sam Tien

Title: Principal Engineer

Place: Taiwan

Date: 2021-08-26

Signature: 