

Declaration of Conformity

Ref No: EISBG-117-202007022-CE

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:	Constant Voltage LED Driver
Type Designation:	1. USVI-100024FR1XX (X=0-9, A-Z or blank) 2. USVI-100024FHXX (X=0-9, A-Z or blank) 3. USVI-080024FR1XX (X=0-9, A-Z or blank)
Input:	1,2. 120 - 277VAC, 0.91-0.4A, 50/60Hz, 110W, PF: 0.95 3. 120 - 277VAC, 0.76-0.36A, 50/60Hz, 92W, PF: 0.9
Output:	1,2. 24VDC, 4A, 96W (Max.), Uout= 25.6Vdc (Max.) No Load 3. 24VDC, 3.33A, 80W (Max.), Uout= 25.6Vdc (Max.) No Load

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

<input checked="" type="checkbox"/> Low Voltage Directive 2014/35/EU	
	EN 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011 + A2: 2013 (invalid after 2020-12-20 base on OJ announcement)
	EN 62368-1:2014/AC: 2015
	EN 61347-2-12: 2005+A1: 2010 used in conjunction with EN 61347-1: 2015
V	EN 61347-2-13:2014/A1:2017 used in conjunction with EN 61347-1: 2015
	EN 61558-2-16:2009+A1:2013 used in conjunction with EN 61558-1: 2005/A1: 2009
	EN 60335-2-29:2004+A2:2018 in conjunction with EN 60335-1:2012+A14:2019 and EN 62233:2008
	EN 61010-1: 2010

<input type="checkbox"/> MDD Directive 93/42/EEC	
	EN 60601-1: 2006+A1 :2013+A12 :2014
	EN 60601-1-2: 2015
	EN 60601-1-11:2015
	CISPR 11:2009+A1:2010 (Group I, Class B)
	IEC 61000-3-2: 2014

<input type="checkbox"/> MDR REGULATION (EU) 2017/745	
	EN 60601-1: 2006+A1 :2013+A12 :2014
	EN 60601-1-2: 2015
	EN 60601-1-11:2015

	CISPR 11:2009+A1:2010 (Group I, Class B)
	IEC 61000-3-2: 2014


<input checked="" type="checkbox"/>	EMC Directive 2014/30/EU
	EN 55032 : 2012+AC :2013 Class B
	EN 55032 : 2015+AC :2016 Class B
	EN 55035 : 2017
	EN 55013 : 2013
V	EN 55015 : 2013+A1:2015
V	EN 61547 : 2009
	EN 55020 : 2007/A11:2011
	EN 55024 : 2010+A1:2015
	EN 55011 : 2009+A1: 2010
	EN 55014-2 : 2015
V	EN 61000-3-2 : 2014
V	EN 61000-3-3 : 2013

<input type="checkbox"/>	WEEE Directive 2012/19/EU								
<input checked="" type="checkbox"/>	RoHS Directive 2011/65/EU+ (EU) 2015/863 + (EU) 2020/659								
	<input checked="" type="checkbox"/> EN 50581: 2012 (invalid after 2021-11-18 based on OJ announcement)								
	<input checked="" type="checkbox"/> EN IEC 63000: 2018								
<input type="checkbox"/>	Commission Regulation (EU) 2019/1782, ErP Directive 2009/125/EC								
	<input type="checkbox"/> EN 50563: 2011+A1: 2013								
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 60%;">Input Voltage(V ac): 230V ac, 50 Hz</th> <th style="width: 40%;">Efficiency (%):</th> </tr> </thead> <tbody> <tr> <td>Minimum Average Efficiency in Active Mode</td> <td></td> </tr> <tr> <td>Minimum 10% Load Average Efficiency in Active Mode</td> <td></td> </tr> <tr> <td>Maximum Power In No-Load Condition</td> <td></td> </tr> </tbody> </table>		Input Voltage(V ac): 230V ac, 50 Hz	Efficiency (%):	Minimum Average Efficiency in Active Mode		Minimum 10% Load Average Efficiency in Active Mode		Maximum Power In No-Load Condition	
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Minimum Average Efficiency in Active Mode									
Minimum 10% Load Average Efficiency in Active Mode									
Maximum Power In No-Load Condition									
<input checked="" type="checkbox"/>	Eco-Design requirements for Energy-related products Directive(Erp) Directive 2009/125/EC, Implementing measure Commission Regulation (EU) No 2019/2020.								

The first time to declare CE is at 2020-10-29

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:	2021-01-06
Signature:	

UKCA Declaration of Conformity

Ref No: EISBG-117-202007022-UKCA

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: Constant Voltage LED Driver

Brand name: Delta

Type Designation: 1. USVI-100024FR1XX (X=0-9, A-Z or blank)

2. USVI-100024FHXX (X=0-9, A-Z or blank)

3. USVI-080024FR1XX (X=0-9, A-Z or blank)

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Output rating: 1,2. 24VDC, 4A, 96W (Max.), Uout= 25.6Vdc (Max.) No Load

3. 24VDC, 3.33A, 80W (Max.), Uout= 25.6Vdc (Max.) No Load

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 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011 + A2: 2013

(Report No)

BS EN 60065: 2002+A1: 2006+A11: 2008+A2: 2010 (Report No)

BS EN 62368-1:2014+A11:2017 (Report No.....)

BS EN 62368-1:2020+A11:2020 (Report No.....)

BS EN 61347-2-12: 2005+A1: 2010 used in conjunction with EN 61347-1: 2008+A1: 2011+A2: 2013 (Report No)

BS EN 61347-2-13:2014/A1:2017 used in conjunction with BS EN 61347-1: 2015 (Report No: NN2012C3 001)

BS EN 61558-2-16: 2009 used in conjunction with EN 61558-1: 2005/A1: 09 (Report No)

BS EN 60335-2-29:2004+A2:2010 in conjunction with EN 60335-1:2002+A1:2004+ A2:2006+A11:2004+A12:2006+A13:2008+A14:2010+A15:2011 and EN 62233:2008.

(Report No)

- BS EN 61010: 2010 (Report No)
- Other (Report No)

Electromagnetic Compatibility Regulations 2016

- BS EN 55032 : 2012+AC :2013 Class B
 - BS EN 55032 : 2015+AC :2016 Class B
 - BS EN 55035 : 2017
 - BS EN 55013 : 2013
 - BS EN 55015 : 2013+A1:2015
 - BS EN 55020 : 2007/A11:2011
 - BS EN 55024 : 2010+A1:2015
 - BS EN 55014-1 : 2006+A1:2009+A2:2011
 - BS EN 61547 : 2009
 - BS EN IEC 61000-3-2 : 2019
 - BS EN 61000-3-3 : 2013+A1:2019
 - BS IEC 61000-4-2 : 2008: Edition 2.0
 - BS IEC 61000-4-3 : 2010: Edition 3.2
 - BS IEC 61000-4-4 : 2012: Edition 3.0
 - BS IEC 61000-4-5 : 2014: Edition 3.0
 - BS IEC 61000-4-6 : 2013: Edition 4.0
 - BS IEC 61000-4-8 : 2009: Edition 2.0
 - BS IEC 61000-4-11 : 2004: Edition 2.0
- (Report No: CEBAPP-WTW-P20100144)

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

- BS EN 50581: 2012 (Issue No: 20201028)

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

- BS EN 50563: 2011+A1: 2013 (Report No)

The first time to declare UKCA is at 2021

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: 2021-01-06

Signature: 