



DECLARATION OF CONFORMITY  
i3A SERIES

**TDK-Lambda Americas Inc.**  
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We TDK-Lambda Americas Inc. declare under our sole responsibility that the i3A series of Product as detailed on the attached products covered sheet or below, comply with the provisions of the following European directives and are eligible to bear the CE mark.

Low Voltage Directive 2006/95/EC (until 19 April 2016)  
 Directive 2014/35/EU (from 20 April 2016)  
 RoHS 2 Directive 2011/65/EU (8 June 2011)

Assurance of conformance of the described product with the provisions of the stated EC Directive is given through compliance to the following standards:


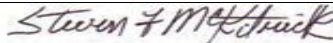
DIN EN 60950-1 (VDE 0805-1):2014-08  
 EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013  
**IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013**

*The VDE Testing and Certification Institute (EU Identification No.0366), Merianstr. 28, 63069 Offenbach(Germany), has tested and certified the product.*

*Last two digits of the year in which the CE marking was affixed:15*

Certificate No. 40046423  
 File Reference 2520400-3336-0052 / 236795

Our European Representative in the EU is TDK-Lambda UK Limited, Kingsley Avenue, Ilfracombe, Devon, EX34 8ES, UK. Further, all products covered by this declaration are manufactured in accordance with ISO9000:2008.

Richardson, Texas 06/29/2017 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 06/29/2017 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

## Products covered

**Product Overview:** The i3A product family consists of high density, non-isolated DC-DC power modules intended to be purchased and used as a component in an end-user's power system. The modules will be offered in multiple input voltage and output voltage ranges. The input ranges from 9 – 53Vdc input. The output voltage will be adjustable between 0V to 30V. The rated output power will be 100W or less.

## Models / Ratings:

i3A4W\*\*\*A%%V-0xx(-R)

where 4W represents input voltage between 9-53Vdc input, 10A max input current

\*\*\* represents rated output current between 0A - 10A,

%% represents rated output voltage between 0Vdc – 30Vdc

and 0xx indicates a number or alphanumeric character

which affects non safety related features.

Optional -R indicated RoHS compliance

The table below indicates the **preliminary example** model numbers:

MODEL #	Input Voltage (Vdc)	Max Input Current* (Adc)	Output Voltage**(V dc)	Output Current (Adc)	Max. Output Power
i3A4W005A150V-0xx(-R)	9-53	10	3.3V-30V	4.5	100W
i3A4W008A033V-0xx(-R)	9-53	10	3.3Vto 12V	8	100W

- \* Maximum input current will be a data sheet parameter telling the customer the maximum current the power module will draw from 0Vin to Vin,max. The typical current draw will be significantly lower. Fuse value for testing shall be as specified in the product data sheet.
- \*\* The output voltage will be adjustable by the customer over a wide range as shown Models / Ratings and in the table. When the output voltage is adjusted up the maximum output power is fixed (i.e. maximum output current is decreased). When the output voltage is adjusted down, the maximum output current is fixed (i.e. available output power is decreased).