



TDK-Lambda Americas Inc.
405 Essex Rd.
Neptune, NJ 07753 USA
Phone: +1-732-795-4100
Toll Free: +1-800-Lambda4
www.us.tdk-lambda.com

EU DECLARATION OF CONFORMITY

I3A series

We, TDK-Lambda Americas Inc., DTC, of USA declare under our sole responsibility that the TDK-Lambda power supplies, as detailed on the attached products covered sheets, complies with the provisions of the following European Directives and is eligible to bear the CE mark:

Low Voltage Directive 2014/35/EU

RoHS 10 Directive 2015/863/EU

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

Electrical Safety (LVD) EN 60950-1:2006 + A2:2013
EN 62368-1:2014 / A11:2017

Note: The EMC performance of a component power supply will be affected by the final installation, compliance to the EMC standards and conformance to the EMC Directive must be confirmed after installation by the final equipment manufacturer. For guidance with respect to test conditions please visit our website at 'emea.tdk-lambda.com/EMC_guidance' or contact your local TDK-Lambda sales office.

Our representative in the EU is TDK-Lambda Germany GmbH, located at Karl-Bold-Str. 40, 77855 Achern, Germany.

Name of Authorized Signatory:	Steven F. McKittrick
Signature of Authorized Signatory:	
Position of Authorized Signatory:	Engineer
Date:	2019-09-18
Date when first CE marked:	2017-06-29
Place where signed:	Richardson, Texas

The products covered by this declaration are:



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,

%%V 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 Optional –R indicated RoHS compliance

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

MODEL #	Input Voltage (Vdc)	Max Input Current* (Adc)	Output Voltage**(Vdc)	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).