

**TDK-Lambda Americas Inc.**  
405 Essex Rd.  
Neptune, NJ 07753 USA  
Phone: +1 732-795-4100  
Toll Free: +1 800-LAMBDA4  
[www.us.lambda.tdk.com](http://www.us.lambda.tdk.com)

## EU DECLARATION OF CONFORMITY



i6A series

We, TDK-Lambda Americas Inc., of 405 Essex Rd., Neptune, NJ 07753 USA, declare under our sole responsibility that the TDK-Lambda power supplies, as detailed on the attached products covered sheets, comply with the provisions of the following European Directives and are eligible to bear the CE mark:

Low Voltage	Directive 2014/35/EU
RoHS	Directive 2011/65/EU (as amended by 2015/863)

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 62368-1:2014/AC:2015
Restriction of Hazardous Substances (RoHS)	EN 63000:2018

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



## i6A series – Products Covered

Product Overview: The i6A product family consists of high density, non-isolated DC-DC power modules intended to be purchased and used as a component in a power system. The modules will be offered in multiple input voltage and output voltage ranges. The input ranges from 9 – 55Vdc input. The output voltage will be adjustable between -30 V to 40V. The rated output power will be 250W or less.

### Models:

i6A24\*\*\*A%%V-0xx(-R)

Where:

24 represents nominal input voltage, with a 9-40Vdc input

\*\*\* represents rated output current between 0A-14A

%%V represents rated output voltage between 0.6Vdc–28Vdc

0xx indicates a number or alphanumeric character which affects non safety related features

Optional –R indicated RoHS compliance

i6A24\*\*\*A%%V-Nxx(-R)

Where:

24 represents nominal input voltage, with a 9-40Vdc input

\*\*\* represents rated output current between 0A-8A

%%V represents rated output voltage between -0.6Vdc to -30Vdc

Nxx indicates a number or alphanumeric character which affects non safety related features

The “N” indicates the output voltage polarity is inverted with respect to the input voltage polarity

Optional –R indicated RoHS compliance

i6A4W\*\*\*A%%V-0xx(-R)

Where:

4W represents input voltage between 9-55Vdc input

\*\*\* represents rated output current between 0A-20A max.

%%V represents rated output voltage between 0.6Vdc-40Vdc

0xx indicates a number or alphanumeric character which affects non safety related features

Optional –R indicated RoHS compliance

## i6A series – Signature Page

Name of Authorized Signatory	Christopher Haas
Signature of Authorized Signatory	
Position of Authorized Signatory	Head of Quality & Compliance Europe
Date	30 <sup>th</sup> November 2021
Date when this CE declaration first issued	22 <sup>nd</sup> January 2015
Date when this UKCA declaration first issued	10 <sup>th</sup> September 2021
Place where signed	Achern, Germany

This declaration is signed for and on behalf of TDK-Lambda