



DECLARATION OF CONFORMITY  
iBD SERIES

**TDK-Lambda Americas Inc.**  
**Dallas Technical Center (DTC)**  
 3320 Matrix Drive, Ste 100, Richardson, TX 75082  
 Phone (214) 239-3100 FAX (214) 239-3102  
 www.tdk-lambda.com

We TDK-Lambda Americas Inc. declare under our sole responsibility that the iBD 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:


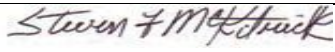
DIN EN 60950-1 (VDE 0805-1):2014-08  
 EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013  
**IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013**

*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. 40025515  
 File Reference 2520400-3336-0022 / 210282*

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 12/01/2015 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 12/01/2015 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

## PRODUCT COVERED SHEET

### Product Designation

The modules currently come in two input voltage ranges; a wide range 6-14Vdc input, and a narrow range of 9.6-14Vdc input. The output voltage be adjustable by the customer over a range of 0.75V to 5.5V. The rated output current will be up to 7A. The rated output power will be maximum 35W.

iBD12\*A%V-#(-R)  
eg.iBD12007A008V-#(-R)

where:

\* represents a three digit current, eg. "007" means 7A  
% represents a three digit voltage, eg. "008" means 0.8V,  
# represents a three digit combination of numbers and/or letters  
which indicate the feature set (see below)  
-R option, designates ROHS compliance

- \* 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 range of 0.75V to 5.5V.

### **Naming Convention**

The first two numbers indicate the nominal input voltage, followed by three numbers that indicate the maximum output current. The three numbers are followed by an A indicating the unit for the current is amperes.

The next three numbers indicate the nominal output voltage; the next character V for volts, indicates the unit for the voltage. Note that the third digit is preceded by a decimal point, so 008V implies 0.8 Volts. The part number is completed with a -0## where the three digits indicate the feature set. The second two characters of the feature set are considered to be non-safety affecting changes. Changes to the feature set could be input voltage range change or could be modifying sequence feature or could be modifying a control function e.g. modifying the logic for the customer on/off interface.

At the customer's request, an optional "-R" may be added to the product code to indicate ROHS compliance, or ROHS-5 no additional marking.