



DECLARATION OF CONFORMITY
iEA 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 iEA 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:


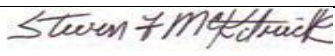
DIN EN 60950-1 (VDE 0805-1):2014-08
 EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013
IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

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. 40009716
 File Reference 2520400-3336-0010 / 218758

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 11/24/2015 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 11/24/2015 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

PRODUCT COVERED SHEET

Type Designation

The modules currently come in two input voltage ranges; a wide range 36 – 75Vdc or 18 - 60Vdc input. The output voltage will be between 1V and 28V depending upon the model number.

The product is available in two different mechanical configurations – the IEA, and IEC versions.

The matrix below indicates the preliminary model numbers.

MODEL #	Input Voltage	Max Input Current*	Output Voltage**	Output Current	Max. Output Power
IE(A/C)48003A280V-0###	36-75	4	28	2.8	78W
IE(A/C)48003A240V-0###	36-75	4	24	3.3	78W
IE(A/C)48004A200V-0###	36-75	4	20	3.9	78W
IE(A/C)48004A180V-0###	36-75	4	18	4.3	78W
IE(A/C)48005A150V-0###	36-75	4	15	5.2	78W
IE(A/C)48007A120V-0###	36-75	4	12	6.5	78W
IE(A/C)48008A050V-0###	36-75	2	5	8	40W
IE(A/C)48013A050V-0###	36-75	4	5	13	65W
IE(A/C)48015A050V-0###	36-75	4	5	15	75W
IE(A/C)48010A033V-0###	36-75	2	3.3	10	33W
IE(A/C)48025A033V-0###	36-75	4	3.3	25	82.5W
IE(A/C)48020A033V-0###	36-75	4	3.3	20	66W
IE(A/C)48010A025V-0###	36-75	2	2.5	10	25W
IE(A/C)48025A025V-0###	36-75	4	2.5	25	62.5W
IE(A/C)48020A025V-0###	36-75	4	2.5	20	50W
IE(A/C)48010A020V-0###	36-75	2	2.0	10	20W
IE(A/C)48025A020V-0###	36-75	4	2.0	25	50W
IE(A/C)48020A020V-0###	36-75	4	2.0	20	40W
IE(A/C)48010A018V-0###	36-75	2	1.8	10	18W
IE(A/C)48025A018V-0###	36-75	4	1.8	25	45W
IE(A/C)48020A018V-0###	36-75	4	1.8	20	36W
IE(A/C)48010A015V-0###	36-75	2	1.5	10	15W
IE(A/C)48025A015V-0###	36-75	4	1.5	25	37.5W
IE(A/C)48020A015V-0###	36-75	4	1.5	20	30W
IE(A/C)48010A012V-0###	36-75	2	1.2	10	12W
IE(A/C)48025A012V-0###	36-75	4	1.2	25	30W
IE(A/C)48020A012V-0###	36-75	4	1.2	20	24W
IE(A/C)48015A012V-0###	36-75	4	1.2	15	18W
IE(A/C)48015A015V-0###	36-75	4	1.5	15	22.5W
IE(A/C)48015A018V-0###	36-75	4	1.8	15	27W
IE(A/C)48015A020V-0###	36-75	4	2	15	30W
IE(A/C)48015A025V-0###	36-75	4	2.5	15	37.5W
IE(A/C)48015A033V-0###	36-75	4	3.3	15	49.5W
IE(A/C)4W004A120V-0###	18-60	5	12	4	48W

PRODUCT COVERED SHEET Cont.

- * Maximum input current will be a data sheet parameter telling the customer the maximum current the power module will draw from 0 Vin 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 +10% to -10% of the nominal output voltage 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). iEA4W has no output voltage adjust.

Naming Convention:

The initial letter I is a fixed character that indicates that the power module is an Innoveta product. The next two letters indicate the platform name; it dictates the mechanical form factor and pin out of the power module.

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 033V implies 3.3 Volts.

The part number is completed with a -0## or -0xx 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 mechanical changes such as modifying the pin length or could be electrical changes such as adding or modifying a control function e.g. modifying the logic for the customer on/off interface.