



DECLARATION OF CONFORMITY
iEH SERIES

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


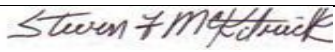
DIN EN 60950-1 (VDE 0805-1):2014-08
 EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013
IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

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. 40037572
 File Reference 2520400-3336-0048 / 212475

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 08/12/2015 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 08/12/2015 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

PRODUCT COVERED SHEET

Product: Power supply for IT-Equipment / DC/DC-Converter

Type designation: iEH48025A120V-xxx(-R), iEH48020A120V-xxx(-R), iEH4N028A108V-xxx(-R), iEH4N033A096V-xxx(-R), iEH4N031A096V-xxx(-R), iEH4N040A120V-xxx(-R), iEH4N042A108V-xxx(-R)

MODEL No.	Input Voltage	Max Input Current (1)	Output Voltage (2)	Output Current	Max. Output Power
iEH48025A120V-xxx(-R)	36-75V	9.0A	12V	25A	300W
iEH48020A120V-xxx(-R)	36-75V	7.5A	12V	20A	240W
iEH4N028A108V-xxx(-R)	51-55V	6.5A	10.8V	28A	302W
iEH4N033A096V-xxx(-R)	38-55V	8.5A	9.6V	33.3A	320W
iEH4N031A096V-xxx(-R)	38-55V	8.0A	9.6V	31.3A	300W

(1) 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 lower. iEH module uses the transformer turns ratios such that the output voltage regulation will be out of spec (targeted output voltage) in the voltage range between 36V and 42V for 12V output codes (or between 38V and 41V for 9.6V output codes). The power modules **are not internally fused**. An external input line fast-acting fuse with a maximum value of **15A** is required.

(2) The output voltage can NOT be externally adjusted for iEH products except for 5V product.

MODEL No.	Input Voltage	Max Input Current (1)	Output Voltage (2)	Output Current	Max. Output Power
iEH4N040A120V-xxx(-R)	49.5-55.5V	10.5A	12V	40A	480W
iEH4N042A108V-xxx(-R)	49.5-55.5V	9.8A	10.8V	42A	454W

(1) 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 lower. iEH module uses the transformer turns ratios such that the output voltage regulation will be out of spec (targeted output voltage) in the input voltage range between 43V and 49.5V for 12V output codes. The power modules **are not internally fused**. An external input line fast-acting fuse with a maximum value of **15A** is required.

(2) The output voltage can NOT be externally adjusted for iEH products.

The part number is completed with a -xxx where the three digits indicate the feature set. The feature set is 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. -1xx suffix indicates that the module has a base-plate for better thermal de-rating. -2Ux suffix indicates that the module has an integrated base-plate with fins and the bottom cooling feature for even better thermal de-rating.

-R option, designates ROHS compliance