



DECLARATION OF CONFORMITY
iQG SERIES

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

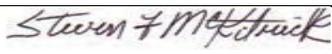
DIN EN 60950-1 (VDE 0805-1):2014-08
 EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013
IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

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. 40025513
 File Reference 2520400-3336-0023 / 207809*

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 11/15/2015 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 11/15/2015 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

PRODUCT COVERED SHEET

Product Designation

iPAQGxxxx is a iQG48***A%%V-xxx or iQG4N***A%%V-xxx,
where xxxx is a four digit number or alphanumeric character indicating a mechanical function, such as addition of Heatsink.

iQG48***A%%V-xxx

Input: 36 - 75V dc, 10A max,

Output: 8.0 - 12V dc, 25A - 36A, 300W max.

iQG48***A%%V-xxx

Input: 36 - 75V dc, 11.5A max,

Output: 8.0 - 12.4V dc, 30A - 40A, 400W max.

iQG48***A%%V-xxx

Input: 36 - 75V dc, 12A max,

Output: 8.0 - 10.8V dc, 33A - 50A, 480W max.

iQG48***A%%V-xxx

Input: 39 - 75V dc, 15A max,

Output: 8.0 - 12V dc, 33A - 50A, 504W max.

iQG4N***A%%V-xxx

Input: 38 - 56V dc, 12.5A max,

Output: 8.0 - 11.4V dc, 33A - 50A, 540W max.

where *** represents a three digit output current between 25A - 50A;

where %%% represents a three digit output voltage between 8.0V - 12.4V,
followed

where xxx is a three digit number or alphanumeric character indicating a
mechanical or control function modification.

1. -XDX option for Droop circuit, Output Voltage at higher than nominal and decreasing as Output Current increases to rated current, see manufacturers data sheet for details.
2. 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. The power modules **are not internally fused**. An external input line fuse with a maximum value of **20A** is required.
3. The output voltage can be adjusted in iQG products when the trim pin is populated (optional).