



DECLARATION OF CONFORMITY
GQA SERIES

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


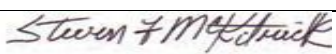
DIN EN 60950-1 (VDE 0805-1):2014-08
EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013
IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

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:16

Certificate No. 40045074
File Reference 2520400-3336-0051 / 228393

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 2016-09-30 (Place, Date)		Quality Engineer (Legally binding signature of the issuer)
Richardson, Texas 2016-09-30 (Place, Date)		Product Safety Engineer (Legally binding signature of the issuer)

PRODUCT COVERED SHEET

Product Designation

Models:

GQA24***A%%V-xxx(-R), or -(007) for unpotted or (-0P7) for potted where 24 represents nominal input voltage, with a 18-36Vdc input, Max Input Current 9A_{dc}, *** represents rated output current between 0A – 2.5A, %%% represents rated output voltage, 48Vdc nominal, with Max Output Power of 120W and xxx indicates a number or alphanumeric characters which indicate a feature set.. Optional (-R) indicating RoHS compliance, or -(007) for unpotted or (-0P7) for potted, -R indicates RoHS compliance)

GQA2W***A%%V-xxx(-R), or -(007) for unpotted or (-0P7) for potted where 2W represents nominal input voltage, with a 9-36Vdc input, with a Max Input Current of 23A *** represents rated output current between 4.28A – 20A, %%% represents rated output voltage between, 5Vdc - 28Vdc, with Max Output Power of 150W and xxx indicates a number or alphanumeric characters which indicate a feature set. Optional (-R) indicating RoHS compliance, or -(007) for unpotted or (-0P7) for potted, -R indicates RoHS compliance)

Maximum input current will be a data sheet parameter telling the customer the maximum current the power module will draw from 0V_{in} to V_{in,max}. The typical current draw will be lower. GQA power modules **are not internally fused**. An external input line fast-acting fuse with a maximum value of **30A** is required.