

## EU DECLARATION OF CONFORMITY



**GENESYS™ GH1000W series, GENESYS™ GH1000W series, GENESYS™ 1500W series,  
GENESYS™ 1700W series, GENESYS™ 2700W series, GENESYS™ 3400W series,  
GENESYS™ 5000W series, GSP/GBSP10kW series, GSP/GBSP/GSSP 15kW series**

We, TDK-Lambda Ltd, of Haharoshet St. 56 Industrial Zone P.O.B. 500 Karmiel, Israel declare under our sole responsibility that the TDK-Lambda power supplies, as detailed on the attached products covered sheets, comply with the provisions of the following European Directives and are eligible to bear the CE mark:

Low Voltage	Directive 2014/35/EU
EMC	Directive 2014/30/EU
RoHS	Directive 2011/65/EU (as amended by 2015/863)

Assurance of conformance of the described product with the provisions of the stated EC Directive is given through compliance to the following standards:

Electrical Safety (LVD)	EN 61010-1:2010 (Edition 3) + AM1:2016
Electromagnetic Compatibility (EMC)	EN 61204-3:2000
Restriction of Hazardous Substances (RoHS)	EN 63000:2018

Models covered by **GENESYS™1000W, GENESYS™ GH1000W GENESYS™ GH1500W, GENESYS™ 1700W, GENESYS™2700W, GENESYS™3400W GENESYS™ 5000W, GSP/GBSP10kW and GSP/GBSP/GSSP15kW series** considered as "Professional Equipment" and not intended for sale to the general public.

Our representative in the EU is TDK-Lambda Germany GmbH, located at Karl-Bold-Str. 40, 77855 Achern, Germany.

Note: The EMC performance of a power supply will be affected by the final installation, compliance to the stated EMC standards and conformance to the EMC Directive must be confirmed after installation by the final equipment manufacturer. For guidance with respect to test conditions please visit our website at [https://emea.lambda.tdk.com/EMC\\_Guidance](https://emea.lambda.tdk.com/EMC_Guidance) or contact your local TDK-Lambda sales office.

## UK DECLARATION OF CONFORMITY



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Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016

Restriction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment Regulations 2012

Assurance of conformance of the described product with the provisions of the stated UK Regulation is given through compliance to the following standards:

Electrical Safety EN 61010-1:2010 (Edition 3) + AM1:2016

Electromagnetic Compatibility (EMC) EN 61204-3:2000

Restriction of Hazardous Substances (RoHS) EN 63000:2018

Models covered by **GENESYS™1000W, GENESYS™ GH1000W GENESYS™ GH1500W, GENESYS™ 1700W, GENESYS™2700W, GENESYS™3400W GENESYS™ 5000W, GSP/GBSP10kW and GSP/GBSP/GSSP15kW series** considered as "Professional Equipment" and not intended for sale to the general public.

Our representative in the UK is TDK-Lambda UK Ltd, located at Kingsley Avenue, Ilfracombe, Devon, EX34 8ES, UK.

Note: The EMC performance of a power supply will be affected by the final installation, compliance to the stated EMC standards and conformance to the EMC Regulation must be confirmed after installation by the final equipment manufacturer. For guidance with respect to test conditions please visit our website [https://emea.lambda.tdk.com/EMC\\_Guidance](https://emea.lambda.tdk.com/EMC_Guidance) or contact your local TDK-Lambda sales office.

**PRODUCTS COVERED:**

**GENESYS™ GH1000W series, GENESYS™ GH1000W series, GENESYS™ 1500W series, GENESYS™ 1700W series, GENESYS™ 2700W series, GENESYS™ 3400W series, GENESYS™ 5000W series, GSP/GBSP10kW series, GSP/GBSP/GSSP 15kW series**

**GENESYS™ 1000W and GENESYS™ GH1000W series** with total output power equal or less 1050W;  
 Gxxx-yyy-z-v/uuuuuu/w or Gxxx-yyy-z-v-p-uuuuuu/w: Ordinary unit.  
 GBxxx-yyy-z-v-p/uuuuuu/w or GBxxx-yyy-z-v-p-uuuuuu/w: Blank unit

**GENESYS™ GH1500W series** with total output power equal or less 1560W;  
 GHxxx-yyy-z-v/uuuuuu/w or GHxxx-yyy-z-v-uuuuuu/w: Ordinary unit.  
 GHBxxx-yyy-z-v/uuuuuu/w or GHBxxx-yyy-z-v-uuuuuu/w: Blank unit

**GENESYS™ 1700W series** with total output power equal or less 1700W;  
 Gxxx-yyy-z-v/uuuuuu/w or Gxxx-yyy-z-v-uuuuuu/w : Ordinary unit.  
 GBxxx-yyy-z-v/uuuuuu/w or GBxxx-yyy-z-v-uuuuuu/w : Blank unit

where

- xxx =10-600 (min/max output voltage in VDC);
- yyy =2.6-150 (GH1500W) or 2.8-170 (1700W) or 1.7-100(1000W) (min/max output current in A);
- z =GPIB (IEEE), AnyBus, "IS420", "IS010" or blank (optional);
- v =1P100-240 (Single phase: ~100-240V, 50/60Hz);
- p =E, U, I, J, C, Blank;
- u =A-Z, 0-9, or blank (indicate other options, not safety relevant);
- w =CO Conformal coating used on all boards or partially (for environmental protection only), or blank (without conformal coating).

**GENESYS™ 2700W series** with total output power equal or less 2720W;  
 Gxxx-yyy-z-v/uuuuuu/w or Gxxx-yyy-z-v-uuuuuu/w: Ordinary unit.  
 GBxxx-yyy-z-v/uuuuuu/w or GBxxx-yyy-z-v-uuuuuu/w: Blank unit

**GENESYS™ 3400W series** with total output power equal or less 3450W;  
 Gxxx-yyy-z-v/uuuuuu/w or Gxxx-yyy-z-v-uuuuuu/w: Ordinary unit.  
 GBxxx-yyy-z-v/uuuuuu/w or GBxxx-yyy-z-v-uuuuuu/w: Blank unit

**GENESYS™ 5000W series** with total output power equal or less 5200W;  
 Gxxx-yyy-z-v/uuuuuu/w or Gxxx-yyy-z-v-uuuuuu/w: Ordinary unit.  
 GBxxx-yyy-z-v/uuuuuu/w or GBxxx-yyy-z-v-uuuuuu/w: Blank unit  
 GSSxxx-yyy-z-v/uuuuuu/w or GSSxxx-yyy-z-v-uuuuuu/w: Booster unit

where

- xxx =10-600 (min/max output voltage in VDC);
- yyy =4.5-265 (2700W) or 5.6-340 (3400W) or 8.5-500 (5000W) (min/max output current in A);
- z =GPIB (IEEE), "MDBS", "ECAT", "IS420", "IS010", or blank;
- v =3P208/3P200 (Three phase: ~190-240V, 50/60Hz, 3wire+PE);  
 =3P400 (Three phase: ~380-415V, 50/60Hz, 3wire+PE);  
 =3P480 (Three phase: ~380-480V, 50/60Hz, 3wire+PE);  
 =1P190-240 (Single phase: ~190-240V, 50/60Hz); (2700W and 3400W only)
- u = A-Z, 0-9, or blank (indicate other options, not safety relevant);
- w =CO, Conformal coating used on all boards or partially (for environmental protection only), "CS" (Ordinary or blank units) provided without an output protection bus-bar bracket and input strain relief bracket or blank (without conformal coating).

**GSP/GBSP 10kW series** with total output power equal or less 10400W:  
consist of two separate **GENESYS™** 5000W units connected in parallel, factory assembled;  
GSPxxx-yyy-z-v/uuuuuu/w or GSPxxx-yyy-z-v-uuuuuu/w: Ordinary unit + Booster unit  
GBSPxxx-yyy-z-v/uuuuuu/w or GBSPxxx-yyy-z-v-uuuuuu/w: Blank unit + Booster unit

**GSP/GBSP/GSSP 15kW series** with total output power equal or less 15600W:  
consist of three separate **GENESYS™** 5000W units connected in parallel, factory assembled;  
GSPxxx-yyy-z-v/uuuuuu/w or GSPxxx-yyy-z-v-uuuuuu/w: Ordinary unit + 2 Booster units  
GBSPxxx-yyy-z-v/uuuuuu/w or GBSPxxx-yyy-z-v-uuuuuu/w: Blank unit + 2 Booster units  
GSSPxxx-yyy-z-v/uuuuuu/w or GBSPxxx-yyy-z-v-uuuuuu/w: 3 Booster units

where

xxx =10-600: min/max output voltage in VDC;  
yyyy =17-1000 (10kW)/ or 25.5-1500 (15kW): min/max output current in A;  
z = GPIB (IEEE), "MDBS", "ECAT", "IS420", "IS010", or blank;  
v =3P208/3P200: (Three phase: ~190-240V, 50/60Hz, 3wire+PE);  
=3P400: (Three phase: ~380-415V, 50/60Hz, 3wire+PE);  
=3P480: (Three phase: ~380-480V, 50/60Hz, 3wire+PE);  
u = A-Z, 0-9, or blank: (indicate other options, not safety relevant);  
w =CO: conformal coating used on all boards or partially (for environmental protection only), CS: (15kW only),  
provided without an output protection bus-bar bracket and input strain relief bracket or blank: without conformal coating.

**SIGNATURE PAGE:**

**GENESYS™** GH1000W series, **GENESYS™** GH1000W series, **GENESYS™** 1500W series, **GENESYS™** 1700W series, **GENESYS™** 2700W series, **GENESYS™** 3400W series, **GENESYS™** 5000W series, GSP/GBSP10kW series, GSP/GBSP/GSSP 15kW series

Name of Authorized Signatory	Christopher Haas
Signature of Authorized Signatory	
Position of Authorized Signatory	Head of Quality & Compliance Europe
Date	8 <sup>th</sup> June 2022
Date when this CE declaration first issued	20 <sup>th</sup> September 2017
Date when this UKCA declaration first issued	1 <sup>st</sup> June 2021
Place where signed	Achern, Germany

This declaration is signed for and on behalf of TDK-Lambda