

EU DECLARATION OF CONFORMITY



**GENESYS™ GH1000W series, GENESYS™ 1000W series,
GENESYS™ GH1500W series, GENESYS™ 1700W series, GENESYS™ 2700W series,
GENESYS™ 3400W series, GENESYS™ 5000W series, GSP/GBSP10kW series,
GSP/GBSP/GSSP 15kW series**

We, TDK-Lambda Germany GmbH, of Karl-Bold-Str. 40, 77855 Achern, Germany, declare under our sole responsibility as EU representative that the TDK-Lambda power supplies, as detailed on the attached products covered sheets, comply with the provisions of the following EU 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/A1:2019

Electromagnetic Compatibility (EMC) EN 61204-3:2000

Restriction of Hazardous Substances (RoHS) EN IEC 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.

Note: The EMC performance of a component 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 or contact your local TDK-Lambda sales office.

Trademark:

TDK-Lambda

UK DECLARATION OF CONFORMITY



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GENESYS™ GH1500W series, GENESYS™ 1700W series, GENESYS™ 2700W series,
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GSP/GBSP/GSSP 15kW series**

We, TDK-Lambda UK Limited, of Kingsley Avenue, Ilfracombe, Devon, EX34 8ES, declare under our sole responsibility as UK representative that the TDK-Lambda power supplies, as detailed on the attached products covered sheets, comply with the provisions of the following UK Regulations and are eligible to bear the UKCA mark:

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/A1:2019

Electromagnetic Compatibility (EMC) EN 61204-3:2000

Restriction of Hazardous Substances (RoHS) EN IEC 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.

Note: The EMC performance of a component 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 or contact your local TDK-Lambda sales office.

Trademark:

TDK-Lambda

Products covered under this declaration:

GENESYS™ GH1000W series, **GENESYS™** 1000W series, **GENESYS™** GH1500W series, **GENESYS™** 1700W series, **GENESYS™** 2700W series, **GENESYS™** 3400W series, **GENESYS™** 5000W series, **GSP/GBSP** 10kW series, **GSP/GBSP/GSSP** 15kW series

GENESYS™ 1000W with total output power equal or less 1050W;
Gxxx-yyy-z-v-p/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™ GH1000W series:

GHxxx-yyy-z-v-p/uuuuuu/w or GHxxx-yyy-z-v-p-uuuuuu/w: Ordinary unit
GHBxxx-yyy-z-v-p/uuuuuu/w or GHBxxx-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-r-v/uuuuuu/w or Gxxx-yyy-z-r-v-uuuuuu/w : Ordinary unit.
GBxxx-yyy-z-r-v/uuuuuu/w or GBxxx-yyy-z-r-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&GH1000W) (min/max output current in A);
z = GPIB (IEEE), AnyBus, "IS420", "IS010" or blank (optional);
r = "PSINK", blank;
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-r-v/uuuuuu/w or Gxxx-yyy-z-r-v-uuuuuu/w: Ordinary unit.
GBxxx-yyy-z-r-v/uuuuuu/w or GBxxx-yyy-z-r-v-uuuuuu/w: Blank unit

GENESYS™ 3400W series with total output power equal or less 3450W;
Gxxx-yyy-z-r-v/uuuuuu/w or Gxxx-yyy-z-r-v-uuuuuu/w: Ordinary unit.
GBxxx-yyy-z-r-v/uuuuuu/w or GBxxx-yyy-z-r-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;
r = "PSINK", 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;
- yyy = 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:

Name of Authorized Signatory	Christopher Haas
Signature of Authorized Signatory	
Position of Authorized Signatory	Head of Quality & Compliance EMEA
Date	12 th April 2023
Date when this CE declaration first issued	20 th September 2017
Date when this UKCA declaration first issued	1 st June 2021
Place where signed	Achern, Germany

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