

EU DECLARATION OF CONFORMITY

**GENESYS™1000W, GENESYS™GH1000W GENESYS™ GH1500W series,
GENESYS™1700W series, GENESYS™2700W series, GENESYS™3400W series,
GENESYS™ 5000W series,
GSP/GBSP10kW series, GSP/GBSP15kW 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 **GENESYS™1000W GENESYS™ GH1000W ,GENESYS™ GH1500W series, GENESYS™ 1700W series, GENESYS™2700W series, GENESYS™3400W series, GENESYS™ 5000W series, GSP/GBSP10kW series and GSP/GBSP15kW series** of power supplies, as detailed on the attached products covered sheets, complies with the provisions of the following European Directives and is 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 Directives 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

Models covered by **GENESYS™1000W, GENESYS™ GH1000W GENESYS™ GH1500W, GENESYS™ 1700W, GENESYS™2700W, GENESYS™3400W GENESYS™ 5000W, GSP/GBSP10kW and GSP/GBSP15kW series** considered as "Professional Equipment" and not intended for sale to the general public.

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

Name of Authorized Signatory	Christopher Haas
Signature of Authorized Signatory	
Position of Authorized Signatory	Head of Quality & Compliance Europe
Date	17 th June 2020
Date when first CE marked	20 th September 2017
Place where signed	Achern, Germany

**PRODUCTS COVERED SHEET: GENESYS™1000W, GENESYS™GH1000W
GENESYS™ GH1500W, GENESYS™ 1700W, GENESYS™ 2700W, GENESYS™ 3400W,
GENESYS™ 5000W, GSP/GBSP10kW and GSP/GBSP15kW series.**

GENESYS™ 1000W and GENESYS™ GH1000W series 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™ 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 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), AnyBus 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), 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-yyyy-z-v/uuuuuu/w or GSPxxx-yyyy-z-v-uuuuuu/w: Ordinary unit + Booster unit
GBSPxxx-yyyy-z-v/uuuuuu/w or GBSPxxx-yyyy-z-v-uuuuuu/w: Blank unit + Booster unit

GSP/GBSP 15kW series with total output power equal or less 15600W:
consist of three separate **GENESYS™** 5000W units connected in parallel, factory assembled;
GSPxxx-yyyy-z-v/uuuuuu/w or GSPxxx-yyyy-z-v-uuuuuu/w: Ordinary unit + 2 Booster units
GBSPxxx-yyyy-z-v/uuuuuu/w or GBSPxxx-yyyy-z-v-uuuuuu/w: Blank unit + 2 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), AnyBus 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), or
blank: without conformal coating.