

EU DECLARATION OF CONFORMITY

GENESYS™ 1700W 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™ 1700W**, **GENESYS™ 5000W**, **GSP/GBSP10kW** 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

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 60950-1:2006 + A2:2013
Electromagnetic Compatibility (EMC)	EN 61204-3:2000

Models covered by **GENESYS™ 1700W**, **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	Technical & Quality Manager, TDK-Lambda Germany GmbH
Date	28 August 2018
Date when first CE marked	20 September 2017
Place where signed	Achern, Germany

PRODUCTS COVERED SHEET: GENESYS™ 1700W, GENESYS™ 5000W, GSP/GBSP10kW, and GSP/GBSP15kW series.

GENESYS™ 1700W series

Gxxx-yyy-z-uuuuuu-w: Ordinary unit.

GBxxx-yyy-z-uuuuuu-w: Blank unit

with total output power equal or less 1700W,

where

xxx =10-600 (min/max output voltage in VDC);

yyy =2.8-170 (min/max output current in A);

z =GPIB (IEEE), AnyBus or blank (optional);

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™ 5000W series

Gxxx-yyy-z-v-uuuuuu-w: Ordinary unit.

GBxxx-yyy-z-v-uuuuuu-w: Blank unit

GSSxxx-yyy-z-v-uuuuuu-w: Booster unit

with total output power equal or less 5200W,

where

xxx =10-600 (min/max output voltage in VDC);

yyy =8.5-500 (min/max output current in A);

z =GPIB (IEEE), AnyBus or blank;

v =3P208/3P200 (Input supply voltage options 1: Three phase: ~190-240V, 50/60Hz, 3wire+PE);

=3P400 (Input supply voltage options 2: Three phase: ~380-415V, 50/60Hz, 3wire+PE);

=3P480 (Input supply voltage options 3: 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).

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: Ordinary unit + Booster unit

GBSPxxx-yyy-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-yyy-z-v-uuuuuu-w: Ordinary unit + 2 Booster units

GBSPxxx-yyy-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: Input supply voltage options 1: Three phase: ~190-240V, 50/60Hz, 3wire+PE;

=3P400: Input supply voltage options 2: Three phase: ~380-415V, 50/60Hz, 3wire+PE;

=3P480: Input supply voltage options 3: 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.