



**TDK-Lambda Corporation**  
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## EU DECLARATION OF CONFORMITY

### ZWS & ZWS-AF & ZWS-PAF & ZWQ & ZWD-PAF series

We, TDK-Lambda Corporation, 2-5-1, Nihonbashi, Chuo-ku, Tokyo, 103-6128 Japan, declare under our sole responsibility that the TDK-Lambda 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
RoHS 10	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 60950-1:2006 + A2:2013
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Our representative in the EU is TDK-Lambda Germany GmbH, located at Karl-Bold-Str. 40, 77855 Achern, Germany.

Name of Authorized Signatory:	Christopher Haas
Signature of Authorized Signatory:	
Position of Authorized Signatory:	Head of Quality & Compliance, TDK-Lambda Germany GmbH
Date:	14 <sup>th</sup> August 2019
Date when first CE marked:	29 <sup>th</sup> May 1997
Place where signed:	Achern, Germany

**The products covered by this declaration are (see also next page):**

ZWS5-x  
x = 3, 5, 12, 15 or 24, Maybe followed by suffix /J, /A, /JA or /JVY

ZWS10-x/y  
x = 3, 5, 12, 15 or 24, /y = /J, /A, /JA or blank

ZWS15-x/y  
x = 3, 5, 12, 15 or 24, /y = /J, /A, /JA or blank

ZWS30-xyz  
x = 3, 5, 12, 15, 24, 36 or 48, y = / or blank, z = J, A, JA, JEZ or blank

ZWS50-3, -5, -12, -15, -24, -36 or -48  
 May be followed by /J, /A or /JA  
 ZWS50-17/ITA

ZWS300-3, ZWS300-5, ZWS300-5/TCO, ZWS300-12, ZWS300-15, ZWS300-24, ZWS300-36, ZWS300-48  
 May be followed by /T, /B, /R, /RB, /RT or /T-FG

ZWS50AF-24/JFC, ZWS50AF-5/JFC, ZWS50AF-xx  
 Where xx = 5, 12, 15 or 24, may be followed by suffixes: /J, /A, /L, /FG, /JA, /JL, /JFG, /AFG, /LFG, /JLFG or /JAFG

ZWS75AF-xx,  
 Where: xx = 3, 5, 12, 15, 24, 36 or 48 may be followed by suffix /J, /A, /L, /FG, /JA, /JL, /JFG, /AFG, /LFG, /JLFG or /JAFG  
 ZWS75AF-24/JFCA

ZWS100AF-xx  
 Where: xx = 3, 5, 6, 12, 15, 24, 36 or 48, may be followed by suffix /J, /A, /L, /FG, /JA, /JL, /JFG, /AFG, /LFG, /JLFG or /JAFG  
 ZWS100AF-24/LDP

ZWS150AF-5/JFC  
 ZWS150AF-xx  
 Where: xx = 3, 5, 12, 15, 24, 36 or 48, may be followed by suffix: /J, /A, /L, /FG, /JA, /JL, /JFG, /AFG, /LFG, /JLFG or /JAFG

ZWS150PAF-xy  
 Where: x = 24, 36 or 48, y = blank, /J, /S, /T, /OTP, /JOTP, /SOTP, /TOTP, /L, /JL, /SL, /TL, /A, /JA, /SA, /TA, /TP, /NB or /JE

ZWS240PAF-xy  
 Where: x = 24, 36 or 48, y = blank, /J, /S, /T, /OTP, /JOTP, /SOTP, /TOTP, /L, /JL, /SL, /TL, /A, /JA, /SA, /TA, /TP, /NB or /JE

ZWQ80-5xy2, ZWQ80-5xy4, ZWQ80-5xyz  
 Where: x, y = 2 or F, z = 3, 5, B or D, may be followed by suffix /L, /A, /FG, /LFG, /AFG, /AC, /LAC

ZWQ-130-522z/y  
 Where: Z = B, 3, D, 5, 2, 4, /y = /L, /A, /FG, /LFG, /AFG, /LWG, /LAC or blank

ZWD100PAF-0524x  
 Where x -blank, /J, /L, /T, /A, /FG, /CO, /FGCO, /LCO, /LFG, /LFGCO, /ACO, /AFG, /AFGCO, /JCO, /JFG, /JFGCO, /JL, /JLCO, /JLFG, /JLFGCO, /JA, /JACO, /JAFG, /JAFGCO, /TCO, /TFG, /TFGCO, /TL, /TLCO, /TLFG, /TLFGCO, /TA, /TACO, /TAFG, /TAFGCO

ZWD150PAF-0524x  
 Where x = blank, /J, /L, /T, /A, /FG, /CO, /FGCO, /LCO, /LFG, /LFGCO, /ACO, /AFG, /AFGCO, /JCO, /JFG, /JFGCO, /JL, /JLCO, /JLFG, /JLFGCO, /JA, /JACO, /JAFG, /JAFGCO, /TCO, /TFG, /TFGCO, /TL, /TLCO, /TLFG, /TLFGCO, /TA, /TACO, /TAFG, /TAFGCO

ZWD225PAF-0524x, ZWD225PAF-0541x, JP225PAF-0524x

(x stand for : blank, /J, /L, /T, /A, /FG; /CO, /FGCO, /LCO, /LFG, /LFGCO, /ACO, /AFG, /AFGCO, /JCO, /JFG, /JFGCO, /JL, /JLCO, /JLFG, /JLFGCO, /JA, /JACO, /JAFG, /JAFGCO, /TCO, /TFG, /TFGCO, /TL, /TLCO, /TLFG, /TLFGCO, /TA, /TACO, /TAFG, /TAFGCO

- a) Connector type
  1. "Blank" with Molex connector
  2. "J" with JST connector
  3. "T" with terminal block.
- b) Different metal chassis
  1. "L" with L-shape metal plate type
  2. "A" with L-shape metal plate and cover
- c) "FG" with low leakage current (not affecting safety)
- d) "CO" with coating (not affecting safety)