

TDK-Lambda Corporation

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EU DECLARATION OF CONFORMITY



CC-E series

We, TDK-Lambda Corporation, of 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, comply with the provisions of the following European Directives and are eligible to bear the CE mark:

Low Voltage

Directive 2014/35/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 62368-1:2014/AC:2015

Restriction of Hazardous Substances (RoHS)

EN 63000:2018

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

CC-E series – Products Covered

CC1R5-05-E, CC1R5-12-E, CC1R5-24-E and CC1R5-48-E series

Example product nomenclature:

Series	Output (W) [range]	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII	VIII
CC	1R5-	24	05	S	F	-	-E

I. Series Type: CC

II. Output wattage:

1R5-: [1.32, 1.44 or 1.50W]

III. Input rated voltage:

05: [4.5-9V], 12: [9-18V], 24: [18-36V], 48: [26-76V]

IV. Output Voltage:

03: [3.3-3.6V], 05: [5.0-6.0V], 12: [12-15V (for 1 output type) to +/-12+/-15 (for 2 output types)]

V. Output number:

S: 1 output, D: 2 outputs

VI. Terminal construction:

F: Flow (DIP) type, R: Reflow (SMD) type

VII. Variation:

Blank: Standard, A-Z: Variation

VIII. Internal Control Number

-E: The fifth generation

CC3-05-E, CC3-12-E, CC3-24-E and CC3-48-E series

Example product nomenclature:

Series	Output (W) [range]	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII	VIII
CC	3-	24	05	S	F	-	-E

I. Series Type: CC

II. Output wattage:

3-: [2.64 or 3.00W]

III. Input rated voltage:

05: [4.5-9V], 12: [9-18V], 24: [18-36V], 48: [36-76V]

IV. Output Voltage:

03: [3.3-3.6V, for model of SIP type: 3.3-3.67V], 05: [5.0-6.0V], 12: [12-15V (for 1 output type) or +/-12 to +/-15 (for 2 output type)]

V. Output number:

S: 1 output, D: 2 outputs

VI. Terminal construction:

F: Flow (DIP) type, R: Reflow (SMD) type, S: SIP models

VII. Variation:

Blank: Standard, A-Z: Variation

VIII. Internal Control Number

-E: The fifth generation

CC6-05-E, CC6-12-E, CC6-24-E and CC6-48-E series

Example product nomenclature:

Series	Output (W) [range]	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII	VIII
CC	6-	24	05	S	F	-	-E

I. Series Type: CC

II. Output wattage:

6-: [3.96, 4.95, 5.00 or 6.00W]

III. Input rated voltage:

05: [4.5-9V], 12: [9-18V], 24: [18-36V], 48: [36-76V]

IV. Output Voltage:

03: [3.3-3.6V], 05: [5.0-6.0V], 12: [12-15V (for 1 output type) to +/-15 (for 2 output types)]

V. Output number:

S: 1 output, D: 2 outputs

VI. Terminal construction:

F: Flow (DIP) type, R: Reflow (SMD) type

VII. Variation:

Blank: Standard, A-Z: Variation

VIII. Internal Control Number

-E: The fifth generation

CC10-05-E, CC10-12-E, CC10-24-E and CC10-48-E series

Example product nomenclature:

Series	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII
CC10-	05	03	S	F	-	-E

I. Series Type: CC10-

II. Input rated voltage:

05: [4.5-9V], 12: [9-18V], 24: [18-36V], 48: [36-76V]

III. Output Voltage:
03: [3.3-3.6V], 05: [5.0-6.0V], 12: [12-15V]

IV. Output number:
S: 1 output, D: 2 outputs

V. Terminal construction:
F: Flow (DIP) type, R: Reflow (SMD) type

VI. Variation:
Blank: Standard, A-Z: Variation

VII. Internal Control Number
-E: The fifth generation

CC15-24-E series

Example product nomenclature:

Series	Output (W) [range]	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII	VIII
CC	15-	24	05	S	F	A	-E

I. Series Type: CC

II. Output wattage:
15-: [15W]

III. Input rated voltage:
24: [18-36V]

IV. Output Voltage:
03: [3.3V], 05: [5.0V]

V. Output number:
S: 1 output

VI. Terminal construction:
F: Flow type (DIP), R: Reflow type (SMD)

VII. Internal Control Number (Optional):
A: A-Z or Blank

VIII. Internal Control Number
-E: A-Z or Blank

CC15-P-E series

Example product nomenclature:

Series	Output (W)	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Case	Identification	Control number
I	II	III	IV	V	VI	VII	VIII	IX
CC	15-	24	3	S	F	P	#	-E

I. Series Type: CC

II. Output wattage:
15-: [15W]

III. Input rated voltage:
24: [18 – 36V], 48: [36 – 76V]

IV. Output Voltage:
03, 3R3, 3.3 : 3.3V; 05, 5R0, 5.0 : 5.0V; 12, 12R: 12.0V; 15, 15R: 15.0V

V. Output number:
S: 1 output

VI. Terminal construction:
F: Flow type (DIP), R: Reflow type (SMD)

VII. Case:
P: with case, H: without case

VIII. Identification
Blank: Standard, A – Z: Identification for sales to manufacturer

IX. Internal control number not affecting safety
-E: The fifth generation

CC25-24-E series

Example product nomenclature:

Series	Output (W) [range]	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Variation	Control number
I	II	III	IV	V	VI	VII	VIII
CC	25-	24	05	S	F	A	-E

I. Series Type: CC

II. Output wattage:
25-: [25W]

III. Input rated voltage:
24: [18-36V]

IV. Output Voltage:
03: [3.3V], 05: [5.0V]

V. Output number:
S: 1 output

VI. Terminal construction:
F: Flow (DIP) type, R: Reflow (SMD)

VII. Internal Control Number (Optional):
A: A-Z or Blank

VIII. Internal Control Number
-E: A-Z or Blank

CC30-P-E series

Example product nomenclature:

Series	Output (W)	Rated input (V) [voltage range]	Output (V) [range]	Number of outputs	Terminal construction	Case	Identification	Control number
I	II	III	IV	V	VI	VII	VIII	IX
CC	30-	24	3	S	F	P	#	-E

IV. Series Type: CC

V. Output wattage:
30-: [30W]

VI. Input rated voltage:
24: [18 – 36V], 48: [36 – 76V]

IV. Output Voltage:
03, 3R3, 3.3: 3.3V; 05, 5R0, 5.0: 5.0V; 12, 12R: 12.0V; 15, 15R: 15.0V

X. Output number:
S: 1 output

XI. Terminal construction:
F: Flow type (DIP), R: Reflow type (SMD)

XII. Case:
P: with case, H: without case

XIII. Identification
Blank: Standard, A – Z: Identification for sales to manufacturer

XIV. Internal control number not affecting safety
-E: The fifth generation

CC-E series – Signature Page

Name of Authorized Signatory	Christopher Haas
Signature of Authorized Signatory	
Position of Authorized Signatory	Head of Quality & Compliance Europe
Date	13 th December 2021
Date when this CE declaration first issued	9 th January 2019
Date when this UKCA declaration first issued	10 th September 2021
Place where signed	Achern, Germany

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