

DEMKO CERTIFICATE

Certificate No.	D-07118-M1
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Date of Issue	2019-05-23
Certificate Holder	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN
Manufacturer	TDK-LAMBDA CORP NAGAOKA TECHNICAL CENTER 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN
Production site	TDK-LAMBDA CORP 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN
Certified Product Model	DC-DC Converter CCG30-ww-xxS See Page 2
Trademark	<i>TDK-Lambda</i>
Rated Voltage / Frequency	9 - 36 Vdc (for Model ww: 24, xx: 03, 05, 12 or 15)
Rated Current / Power	18 - 76 Vdc (for Model ww: 48, , xx: 03, 05, 12, 15 or 48) 3.2 A (for Model ww: 24, xx: 03) 4.0 A (for Model ww: 24, xx: 05 or 12) 3.9 A (for Model ww: 24, xx: 15) 1.6 A (for Model ww: 48, xx: 03) 2.0 A (for Model ww: 48, xx: 05, 12, 15 or 48)
Insulation Class	Not classified
Degree of protection (IP)	IP X0
Tested acc. to	EN 60950-1:2006/A11:2009, EN 60950-1:2006/A12:2011, EN 60950-1:2006/A1:2010, EN 60950-1:2006/A2:2013, EN 60950-1:2006
Test Report No.	E132035-A59-CB-2 issued on 2019-05-17
Additional	The report was revised to include technical modifications. See Page 2
Expire date	2020-12-20

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
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Appendix DEMKO CERTIFICATE

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Model Details:

CCG30-ww-xxS (ww: 24, xx: 03, 05, 12 or 15) or (ww: 48, xx: 03, 05, 12, 15 or 48), maybe followed by suffix "abc" (a is "/" or blank, b is "N" or blank, c is "P" or blank. Note: Suffix "N" is applicable for CCG30-48-48S only.)

Additional Information:

This certificate replaces the certificate No. D-07118, issued on 2019-02-27 due to:

- Addition of transformer (T2) with alternate construction (Enclosure id. 4-15) to model CCG30-48-12S.

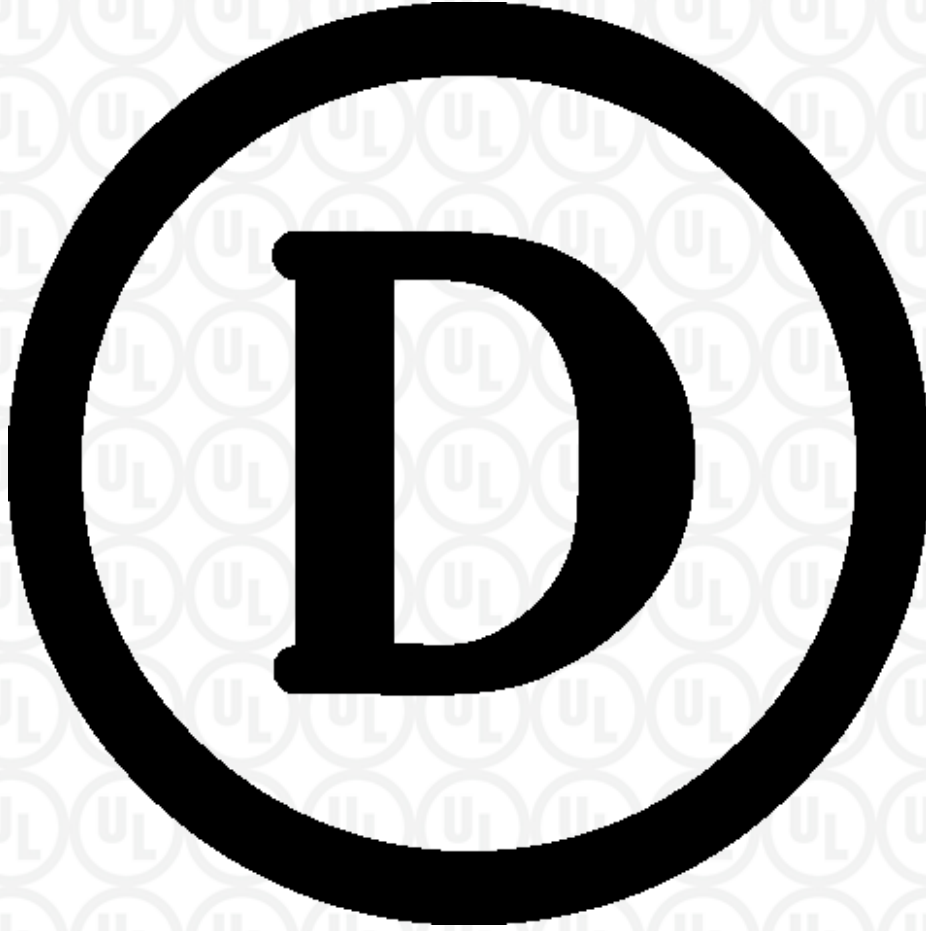
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