

IEC SYSTEM FOR CONFORMITY TESTING AND  
CERTIFICATION OF ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

SYSTEME CEI D'ESSAIS DE CONFORMITE ET DE CERTIFICATION  
DES EQUIPEMENTS ELECTRIQUES (IECEE)  
METHODE OC

## CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product  
Produit

Name and address of the applicant  
Nom et adresse du demandeur

Name and address of the manufacturer  
Nom et adresse du fabricant

Name and address of the factory  
Nom et adresse de l'usine

Rating and principal characteristics  
Valeurs nominales et caractéristiques principales

Trademark (if any)  
Marque de fabrique (si elle existe)

Model / Type Ref.  
Ref. de type

Additional information (if necessary)  
Information complémentaire (si nécessaire)

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à la

as shown in the Test Report Ref. No.  
which forms part of this Certificate  
comme indiqué dans le Rapport d'essais numéro  
de référence qui constitue partie de ce Certificat

Power Supply

SL Power Electronics Corp  
6050 King Drive, Bldg. A  
Ventura, CA 93003, USA

SL Power Electronics Corp  
6050 King Drive, Bldg. A  
Ventura, CA 93003, USA

1. Industrias S L S A De C V  
Costa Rica #60, Col Cuahutemoc, Mexicali, Baja California N, Mexico
2. SL Power Electronics Xianghe  
Anping Economic & Tech Developing Zone  
Xianghe, Hebei 065402, China

Input: 100-240 V ac, 3.0-1.5 A, 50/60 Hz  
See CB Test Report for details regarding output ratings.



For model information see second page of this certificate.

The CB Test Report comprises 7 enclosures.

**PUBLICATION**

**EDITION**

**IEC 60950-1 (2001) First Edition,**  
Additional evaluation to CENELEC Common Modifications also included.  
See Test Report for National Differences.

E135803-A36-CB-1

**This CB Test Certificate is issued by the National Certification Body**  
**Ce Certificat d'essai OC est établi par l'Organisme National de Certification**



**Underwriters  
Laboratories**

Underwriters Laboratories Inc. / Certification Programs Office, USA  
333 Pfingsten Road, Northbrook, IL 60062-2096  
United States of America  
TEL INT\* +1 847 664 3008, FAX INT\* +1 847 313 3008  
email: jolanta.m.wroblewska@us.ul.com

Date:

Issued: 2009 April 14

Signature:



Ronald Vaickauski

IEC SYSTEM FOR CONFORMITY TESTING AND  
CERTIFICATION OF ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

SYSTEME CEI D'ESSAIS DE CONFORMITE ET DE CERTIFICATION  
DES EQUIPEMENTS ELECTRIQUES (IECEE)  
METHODE OC

## CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Class I Power Supplies: GNT2XX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage. The third X is an optional letter L, U, F or T which represents L-Bracket, U-Channel, Fan/Cover with U-Channel or Slotted Cover with U-Channel. -YYY is any number 000-999 which represents value added options not related to Safety, and G indicates compliance by the manufacturer to RoHS. Model GNT212-104G, where G indicates compliance by the manufacturer to RoHS. (RoHS compliance has not been evaluated by UL).

Class II Power Supplies: G2T2XX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage, -YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance by the manufacturer to RoHS. (RoHS compliance has not been evaluated by UL).

Additional information (if necessary)  
*Information complémentaire (si nécessaire)*

The CB Test Report comprises 7 enclosures.

This CB Test Certificate is issued by the National Certification Body  
*Ce Certificat d'essai OC est établi par l'Organisme National de Certification*



**Underwriters  
Laboratories**

Underwriters Laboratories Inc. / Certification Programs Office, USA  
333 Pfingsten Road, Northbrook, IL 60062-2096  
United States of America  
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email: jolanta.m.wroblewska@us.ul.com

Date: Issued: 2009 April 14

Signature:



Ronald Vaickauski

## **COVER PAGE FOR TEST REPORT**

Product Category:	Power Supplies for Information Technology Equipment Including Electrical Business Equipment
Product Category CCN:	QQGQ2, QQGQ8
Test Procedure:	Component Recognition
Product:	Power Supply
Model/Type Reference:	<p>Class I Power Supplies: GNT2XXX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage. The third X is an optional letter L, U, F or T which represents L-Bracket, U-Channel, Fan/Cover with U-Channel or Slotted Cover with U-Channel. -YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance to RoHS (RoHS compliance has not been evaluated by UL).</p> <p>Class II Power Supplies: G2T2XX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage, -YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance to RoHS (RoHS compliance has not been evaluated by UL).</p>
Rating(s):	<p>Input: 100-240 V ac, 3.0-1.5 A, 50/60 Hz</p> <p>Output:</p> <p>See Enclosure Miscellaneous for output rating.</p>
Standards:	<p>UL 60950-1, 1st Edition, 2006-07-07 (Information Technology Equipment - Safety - Part 1: General Requirements)</p> <p>CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)</p>
Applicant Name and Address:	<p>SL POWER ELECTRONICS CORP 6050 KING ST VENTURA CA 93003</p>
This Report includes the following parts, in addition to this cover page:	
<ol style="list-style-type: none"><li>1. Specific Technical Criteria</li><li>2. Enclosures</li></ol>	

Issue Date: 2007-05-30  
Correction 1 2008-03-12

Page 2 of 2

Report Reference #

E135803-A36-UL-1

This is to certify that representative samples of the products covered by this Test Report have been investigated in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of Underwriters Laboratories Inc. ('UL') in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

UL authorizes the applicant to reproduce the latest pages of the referenced Test Report consisting of the first page of the Specific Technical Criteria through to the end of the Conditions of Acceptability.


Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

Test Report By:




Linus Park  
Lead Engineering Associate  
Underwriters Laboratories Inc.

Reviewed By:



Kevin F. Tang  
Staff Engineer  
Underwriters Laboratories Inc.

## SPECIFIC TECHNICAL CRITERIA

<b>UL 60950-1, First Edition Information technology equipment - Safety- Part 1: General Requirements</b>	
Report Reference No .....	E135803-A36-UL-1
Compiled by .....	Linus Park
Reviewed by .....	Kevin F. Tang
Date of issue .....	2007-05-30
Standards .....	UL 60950-1, 1st Edition, 2006-07-07 (Information Technology Equipment - Safety - Part 1: General Requirements) CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)
Test procedure .....	Component Recognition
Non-standard test method .....	N/A
<b>Test item</b> description .....	Power Supply
Trademark .....	
Model and/or type reference .....	<p>Class I Power Supplies: GNT2XXX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage. The third X is an optional letter L, U, F or T which represents L-Bracket, U-Channel, Fan/Cover with U-Channel or Slotted Cover with U-Channel. -YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance to RoHS (RoHS compliance has not been evaluated by UL).</p> <p>Class II Power Supplies: G2T2XX-YYY G Series, where XX is any number from 12 through 48, which represents the output voltage, -YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance to RoHS (RoHS compliance has not been evaluated by UL).</p>
Rating(s) .....	Input: 100-240 V ac, 3.0-1.5 A, 50/60 Hz  Output:  See Enclosure Miscellaneous for output rating.

**Particulars: test item vs. test requirements**

Equipment mobility .....: for building-in  
Operating condition .....: continuous  
Mains supply tolerance (%) .....: +10%, -10%  
Tested for IT power systems .....: Yes, considered  
IT testing, phase-phase voltage (V) .....: 230  
Class of equipment .....: GNT2XXX Class I (earthed), G2T2XXX Class II.  
Mass of equipment (kg) .....: 0.85  
Protection against ingress of water .....: IP X0

**Possible test case verdicts:**

- test case does not apply to the test object .....: N / A
- test object does meet the requirement .....: Pass
- test object does not meet the requirement .....: Fail (acceptable only if a corresponding, less stringent national requirement is "Pass")

**General remarks:**

- "(see Enclosure #)" refers to additional information appended to the Test Report
- "(see appended table)" refers to a table appended to the Test Report
- Throughout the Test Report a point is used as the decimal separator

<b>GENERAL PRODUCT INFORMATION:</b>	
CA1.0	<b>Report Summary</b>
CA1.1	N/A
CB1.0	<b>Product Description</b>
CB1.1	Switching Power Supplies.
CC1.0	<b>Model Differences</b>
CC1.1	<p>The GNT2XX Series models are Class I power supplies and are similar to each other and differ only on secondary circuitry. The G2T2XX Series models are Class II power supplies and are similar to each other and differ only on secondary circuitry.</p> <p>Differences between Class I and Class II models:            Components C4, C8, W1, W3 and Ground Tab are provided in Class I models and are not provided in class II models. Components W2, C20 and C23 are provided in class II models and are not provided in class I models.</p> <p>There are several Chassis and or cover options identified by the letters:            L - L-Bracket,            U - U-Channel,            F - Fan/Cover with U-Channel,            T - Slotted Cover with U-Channel.</p> <p>These options are not for use on the G2T2XX Series since they would violate Basic Insulation.</p>
CD1.0	<b>Additional Information</b>
CD1.1	<p>Samples of Models GNT30-12, GNT30-24, and GNT30-48, and G2T30-48 were tested to represent Models G2T30-5, G2T30-12, G2T30-15, G2T30-24, G2T30-28 and G2T30-48 respectively. Where testing was applicable to class II models only, samples of Model G2T30-48 was tested to represent the entire class II series.</p> <p>The schematics for these models are kept in file at the CB Testing Laboratory mentioned in the first page of this test report, and can be provided by the applicant upon request by NCB's/CBTL's.</p> <p>The power supplies described in this report have the same model number/construction as the power supplies described in Report Ref. # E116994-A35.</p> <p>Amendment 1: Add chassis and cover options including an optional fan.</p> <p>Correction 1: Enclosure - Output Rating and Installation Instructions attachments replaced to include new cover options.</p>
CE1.0	<b>Technical Considerations</b>
CE1.2	The product was submitted and tested for use at the maximum ambient temperature (T <sub>ma</sub> ) permitted by the manufacturer's specification of: 40°C and 50°C.

CE1.4	The product is intended for use on the following power systems: IT, TN, ,
CE1.7	The product was investigated to the following additional standards: EN 60950-1:2001 (which includes all European national differences, including those specified in this test report).
CF1.0	<b>Engineering Conditions of Acceptability</b>
CF1.1	For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.  When installed in an end-product, consideration must be given to the following:
CF1.3	The end-product Electric Strength Test is to be based upon a maximum working voltage of: Primary-SELV: 474 Vrms, 739 Vpk
CF1.5	The following secondary output circuits are SELV: All.
CF1.7	The following secondary output circuits are at non-hazardous energy levels: All.
CF1.11	The power supply terminals and/or connectors are: Not investigated for field wiring
CF1.12	The maximum investigated branch circuit rating is: 20 A
CF1.13	The investigated Pollution Degree is: 2
CF1.15	Proper bonding to the end-product main protective earthing termination is: Required for the Class I models (GNT2XX Series)
CF1.16	An investigation of the protective bonding terminals has: Not been conducted
CF1.18	The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C): T4 and T5 (Class F) (140°C)
CF1.20	The following components require special consideration during end-product Thermal (Heating) tests due to the indicated maximum temperature measurements during component-level testing: C6, C8 (105°C), L1, L2, T3, T4 (130°C)
CF1.21	The maximum continuous power supply output (Watts) relied on forced air cooling from: 200 W with 200 LFM turbulent airflow from the output side of the power supply to the input side of the power supply or model options F and U which include an integral 6.4 cfm fan.
CF1.23	The equipment is suitable for direct connection to: AC mains supply
CF2.0	This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, UL60950-1, First Edition, dated April 1, 2003.
CF2.1	The power supply shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the end-use application.
CF2.2	The unit was evaluated under several conditions; a) 40°C convection cooled reduced load, b) 50°C convection cooled at reduced load, c) 50°C full load with external 200 LFM airflow, d) 40°C full load with external 200 LFM airflow, e) Optional chassis/ cover configurations U and F were tested in a 50°C ambient at full load, f) Optional chassis/ cover configurations U, L and T were tested in a 40°C ambient with a reduced load.
CF2.3	The ground tab on the PWB has not been evaluated for use as the main earthing connection for the end product.
CF2.4	The product input and output are isolated from each other by Reinforced insulation.
CF2.5	All tests were conducted with an internal UL R/C fuse, rated T4.0 A, 250 V.
CF2.6	Both Line and Neutral of the power supplies are fused, warning shall be provided in the end

	product.
CF2.7	The Output Common for the class II models should not be connected to Earth Ground in the end product application, as this will violate spacings between Primary and Secondary. The unit should be mounted to a non-conductive chassis or with non-conductive mounting hardware in order to maintain proper Primary to Secondary spacings.,
CF2.8	When installing the power supplies to the end-product, A non-conductive barrier should be placed between the unit and any conductive metal chassis or mounting platform.

# DEMKO CERTIFICATE

**Certificate No.** 147466-01  
**Page** 1/3  
**Date of Issue** 2009-04-20

**Certificate Holder** SL Power Electronics Corp.  
6050 King Drive, Bldg. A, , Ventura, CA 93003, United States

**Manufacturer** SL Power Electronics Corp.  
6050 King Drive, Bldg. A, , Ventura, CA 93003, United States

**Production site** See appendix

**Certified Product** Power Supply  
**Model** GNT2XX-YYY G Series  
**Trademark** SL power  
**Rated Voltage / Frequency** 100-240 V ac, 50/60 Hz  
**Rated Current / Power** 3.0-1.5 A,  
**Insulation Class** I  
**Degree of protection (IP)** X 0  
**Tested acc. to** EN 60950-1:2001  
**Test Report No.** E135803-A36-CB-1 Issue Date: 2009-04-13  
**Additional** For building-in  
We here XX is any number from 12 through 48, which represents the output voltage. The third X is an optional letter L, U, F or T, which represents L-Bracket, U-Channel, Fan/Cover with U-Channel or Slotted Cover with U-Channel. -YYY is any number 000-999 which represents value added options not related to Safety, and G indicates compliance by the manufacturer to RoHS. Model GNT212-104G, where G ndicates compliance by the manufacturer to RoHS. (RoHS compliance has not been evaluated by UL).

**Expire date** 2010-12-01

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**Certification Manager**  
Jan-Erik Storgaard

**Certification Body**

The product and production sites listed on the certificate comply with the D-mark requirements and the UL Global Service Agreement, with reference to Terms and Conditions for the D mark. The Owner of the certificate is entitled to use the ® or for cables «DEMKO» for the products listed on the certificate and manufactured at the production sites listed. UL has to be informed in writing about any changes to the product or production site in accordance with the Term and Conditions of the D mark. The validity of the certificate is shortened if the EU legislation require re-testing and re-certification due to new standards or amendments coming into force before the expiry date.

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730 Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com  
[www.ul-europe.com](http://www.ul-europe.com)

# Appendix DEMKO CERTIFICATE

Certificate No. 147466-01  
 Page 2/3  
 Date of Issue 2009-04-20

## Production Site:

Industrias S.L.S.A. de C.V.  
 Costa Rica #60, Col Cuahutemoc, Mexicali, Baja California N, Mexico

SL Power Electronics Xianghe  
 Anping Economic & Tech Developing Zone, Xianghe, Hebei 065402, P.R.China

The certificate has been issued on the basis of CB certificate (CB Test certificate) No. US/13762/UL, issued by Underwriters Laboratories Inc, dated 2009-04-14

Input: 100-240 V ac, 3.0-1.5 A, 50/60 Hz  
 Output: 12 thru 48 V, 200 W maximum or see table for standard output voltage models.

Model #	Output Volts	Output Current 100-240V-Input Fan Cooled *	Output Current w/100 V-Input Convection Cooled	Output Current w/240 V-Input Convection Cooled	Option F#	Options L or U##		Options T and U ##	
						100V~	240V~	100V~	240V~
GNT212	12	16.7A – 200W	8.3A – 100W	12.5A – 150W	16.7A – 200W	9.58A – 115W	14.58A – 175W	7.92A – 95W	12.5A – 150W
G2T212	12	16.7A – 200W	8.3A – 100W	12.5A – 150W	N/A	N/A	N/A	N/A	N/A
GNT215	15	13.3A – 200W	6.7A – 100W	10A – 150W	13.3A – 200W	7.66A – 115W	11.67A – 175W	6.33A – 95W	10A – 150W
G2T215	15	13.3A – 200W	6.7A – 100W	10A – 150W	N/A	N/A	N/A	N/A	N/A
GNT218	18	11.1A – 200W	5.6A – 100W	8.3A – 150W	11.1A – 200W	6.38A – 115W	9.72A – 175W	5.27A – 95W	8.33A – 150W
G2T218	18	11.1A – 200W	5.6A – 100W	8.3A – 150W	N/A	N/A	N/A	N/A	N/A
GNT224	24	8.3A – 200W	4.2A – 100W	6.3A – 150W	8.3A – 200W	4.79A – 115W	7.29A – 175W	3.96A – 95W	6.25A – 150W
G2T224	24	8.3A – 200W	4.2A – 100W	6.3A – 150W	N/A	N/A	N/A	N/A	N/A
GNT228	28	7.1A – 200W	3.6A – 100W	5.4A – 150W	7.1A – 200W	4.1A – 115W	6.25A – 175W	3.39A – 95W	5.36A – 150W
G2T228	28	7.1A – 200W	3.6A – 100W	5.4A – 150W	N/A	N/A	N/A	N/A	N/A
GNT236	36	5.6A – 200W	2.5A – 90W	3.9A – 140W	5.6A – 200W	2.64A – 95W	3.61A – 130W	1.94A – 70W	3.33A – 120W
G2T236	36	5.6A – 200W	2.5A – 90W	3.9A – 140W	N/A	N/A	N/A	N/A	N/A
GNT248	48	4.2A – 200W	1.9A – 90W	2.9A – 140W	4.2A – 200W	1.98A – 95W	2.71A – 130W	1.46A – 70W	2.5A – 120W
G2T248	48	4.2A – 200W	1.9A – 90W	2.9A – 140W	N/A	N/A	N/A	N/A	N/A

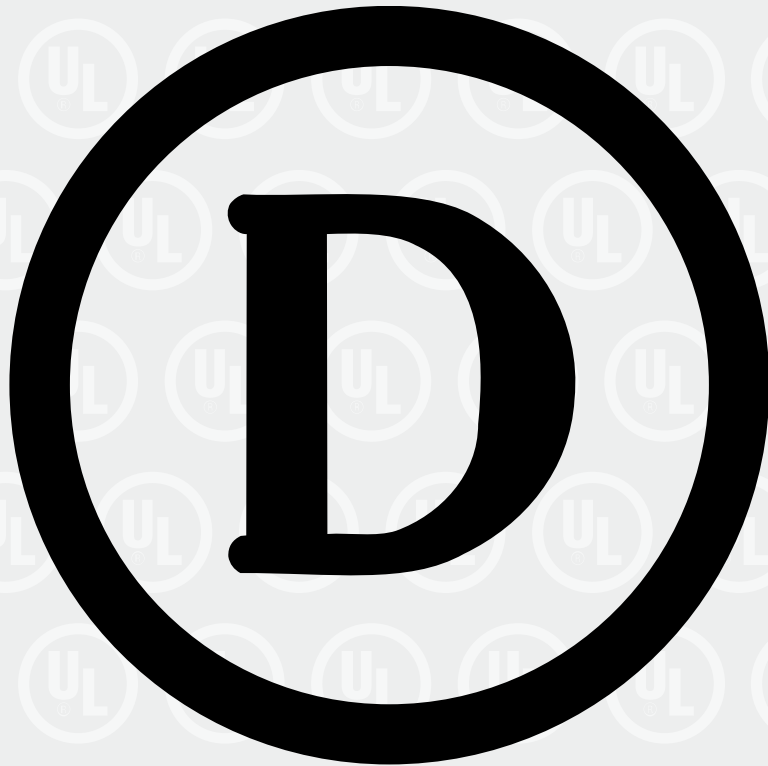
\* 200 LFM airflow required over unit. # - Option F – Integral 6.4 CFM fan at 50°C ## - Options L, U, T – Convection Cooled at 40°C

## Certification Body

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730 Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com  
[www.ul-europe.com](http://www.ul-europe.com)

# Appendix DEMKO Certificate

<b>Certification Mark</b>	<b>D-mark</b>
<b>Certificate No.</b>	147466-01
<b>Page</b>	3/3
<b>Date of Issue</b>	2009-04-20



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**Certification Body**

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730  
Herlev, Denmark, Tel. +45 44 85 65 65, [info.dk@dk.ul.com](mailto:info.dk@dk.ul.com)  
[www.ul-europe.com](http://www.ul-europe.com)

# DEMKO CERTIFICATE

**Certificate No.** 147475-01  
**Page** 1/3  
**Date of Issue** 2009-04-20

**Certificate Holder** SL Power Electronics Corp.  
6050 King Drive, Bldg. A, , Ventura, CA 93003, United States

**Manufacturer** SL Power Electronics Corp.  
6050 King Drive, Bldg. A, , Ventura, CA 93003, United States

**Production site** See appendix

**Certified Product** Power Supply  
**Model** G2T2XX-YYY G Series  
**Trademark** SL power  
**Rated Voltage / Frequency** 100-240 V ac, 50/60 Hz  
**Rated Current / Power** 3.0-1.5 A,  
**Insulation Class** II  
**Degree of protection (IP)** X 0  
**Tested acc. to** EN 60950-1:2001  
**Test Report No.** E135803-A36-CB-1 Issue Date: 2009-04-13  
**Additional** For building-in

Where XX is any number from 12 through 48, which represents the output voltage, - YYY is any number 000-999 which represents value added options not related to Safety and G indicates compliance by the manufacturer to RoHS. (RoHS compliance has not been evaluated by UL).

**Expire date** 2010-12-01

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**Certification Manager**  
Jan-Erik Storgaard

The product and production sites listed on the certificate comply with the D-mark requirements and the UL Global Service Agreement, with reference to Terms and Conditions for the D mark. The Owner of the certificate is entitled to use the ® or for cables «DEMKO» for the products listed on the certificate and manufactured at the production sites listed. UL has to be informed in writing about any changes to the product or production site in accordance with the Term and Conditions of the D mark. The validity of the certificate is shortened if the EU legislation require re-testing and re-certification due to new standards or amendments coming into force before the expiry date.

**Certification Body** UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730 Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com  
**www.ul-europe.com**

# Appendix DEMKO CERTIFICATE

Certificate No. 147475-01  
 Page 2/3  
 Date of Issue 2009-04-20

## Production Site:

Industrias S.L.S.A. de C.V.  
 Costa Rica #60, Col Cuahutemoc, Mexicali, Baja California N, Mexico

SL Power Electronics Xianghe  
 Anping Economic & Tech Developing Zone, Xianghe, Hebei 065402, P.R.China

The certificate has been issued on the basis of CB certificate (CB Test certificate) No. US/13762/UL, issued by Underwriters Laboratories Inc, dated 2009-04-14

Input: 100-240 V ac, 3.0-1.5 A, 50/60 Hz  
 Output: 12 thru 48 V, 200 W maximum or see table for standard output voltage models.

Model #	Output Volts	Output Current 100-240V-Input Fan Cooled *	Output Current w/100 V-Input Convection Cooled	Output Current w/240 V-Input Convection Cooled	Option F#	Options L or U##		Options T and U ##	
						100V~	240V~	100V~	240V~
GNT212	12	16.7A – 200W	8.3A – 100W	12.5A – 150W	16.7A – 200W	9.58A – 115W	14.58A – 175W	7.92A – 95W	12.5A – 150W
G2T212	12	16.7A – 200W	8.3A – 100W	12.5A – 150W	N/A	N/A	N/A	N/A	N/A
GNT215	15	13.3A – 200W	6.7A – 100W	10A – 150W	13.3A – 200W	7.66A – 115W	11.67A – 175W	6.33A – 95W	10A – 150W
G2T215	15	13.3A – 200W	6.7A – 100W	10A – 150W	N/A	N/A	N/A	N/A	N/A
GNT218	18	11.1A – 200W	5.6A – 100W	8.3A – 150W	11.1A – 200W	6.38A – 115W	9.72A – 175W	5.27A – 95W	8.33A – 150W
G2T218	18	11.1A – 200W	5.6A – 100W	8.3A – 150W	N/A	N/A	N/A	N/A	N/A
GNT224	24	8.3A – 200W	4.2A – 100W	6.3A – 150W	8.3A – 200W	4.79A – 115W	7.29A – 175W	3.96A – 95W	6.25A – 150W
G2T224	24	8.3A – 200W	4.2A – 100W	6.3A – 150W	N/A	N/A	N/A	N/A	N/A
GNT228	28	7.1A – 200W	3.6A – 100W	5.4A – 150W	7.1A – 200W	4.1A – 115W	6.25A – 175W	3.39A – 95W	5.36A – 150W
G2T228	28	7.1A – 200W	3.6A – 100W	5.4A – 150W	N/A	N/A	N/A	N/A	N/A
GNT236	36	5.6A – 200W	2.5A – 90W	3.9A – 140W	5.6A – 200W	2.64A – 95W	3.61A – 130W	1.94A – 70W	3.33A – 120W
G2T236	36	5.6A – 200W	2.5A – 90W	3.9A – 140W	N/A	N/A	N/A	N/A	N/A
GNT248	48	4.2A – 200W	1.9A – 90W	2.9A – 140W	4.2A – 200W	1.98A – 95W	2.71A – 130W	1.46A – 70W	2.5A – 120W
G2T248	48	4.2A – 200W	1.9A – 90W	2.9A – 140W	N/A	N/A	N/A	N/A	N/A

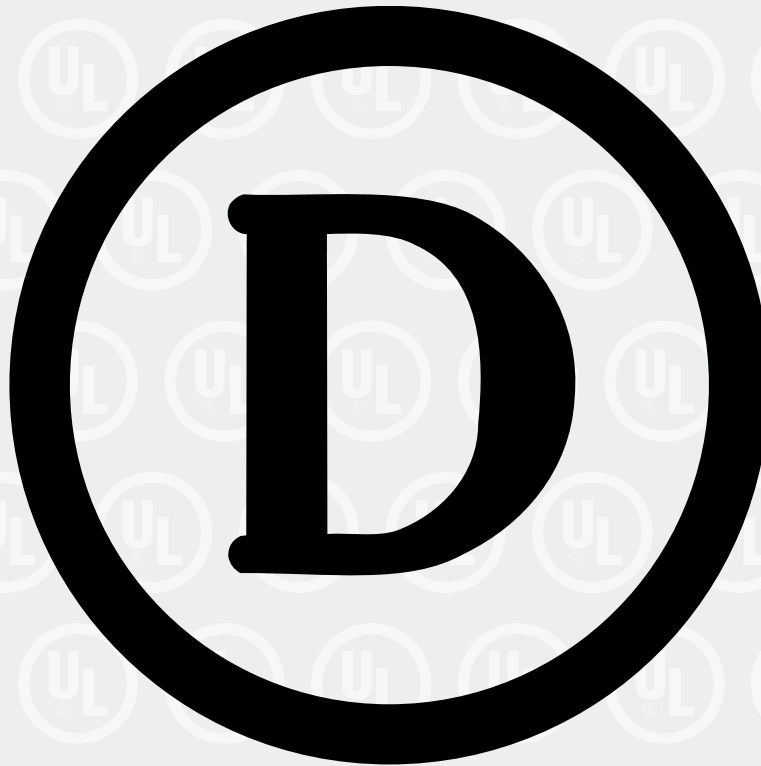
\* 200 LFM airflow required over unit. # - Option F – Integral 6.4 CFM fan at 50°C ## - Options L, U, T – Convection Cooled at 40°C

## Certification Body

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# Appendix DEMKO Certificate

**Certification Mark** D-mark  
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**Date of Issue** 2009-04-20



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