

## UL TEST REPORT AND PROCEDURE

<b>Standard:</b>	UL 62368-1, 2nd Ed, 2014-12-01 (Audio/video, information and communication technology equipment Part 1: Safety requirements) CAN/CSA C22.2 No. 62368-1-14, 2nd Ed (Audio/video, information and communication technology equipment Part 1: Safety requirements)
<b>Certification Type:</b>	Component Recognition
<b>CCN:</b>	QQJQ2, QQJQ8 (Power Supplies for Use in Audio/Video, Information and Communication Technology Equipment)
<b>Complementary CCN:</b>	N/A
<b>Product:</b>	Switching Power Supply
<b>Model:</b>	RL0402x-yz (x = E or U; y = 03, 05, 12, 18, 24, 36 or 48; z = blank or I), RL0402Dx-y (x = E or U; y = 0312, 0324, 0512, 0524 or 1224), RL0803, and RL0803-0528
<b>Rating:</b>	See Enclosure Id. 07-01 for details.
<b>Applicant Name and Address:</b>	ULTRA LEVEL TECH CO LTD 4TH FL 2 LANE 235 BAU-CHIAU RD HSIN-TIEN DISTRICT NEW TAIPEI 231 TAIWAN

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 UL LLC ('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 UL LLC (UL) or any authorized licensee of UL.

Prepared By: Elicia M. Sosa / Project Handler      Reviewed By: David G. Feusier / Reviewer

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50072578

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0001

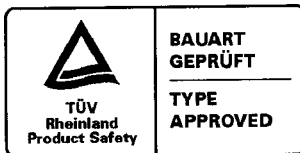
Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
93-0819/PSE	ZTW1-ALD- 10015055 001	26.10.2005	

**Genehmigungsinhaber *License Holder***  
Rltech Inc.  
4F., No. 156, Chingmei St.  
Wen Shan Ward  
Taipei 116  
Taiwan

**Fertigungsstätte *Manufacturing Plant***  
Ultra Level Tech. Co., Ltd.  
4F. No.2, Lane 235, Bau-Chiau Road  
Hsin-Tien City, Taipei Hsien 231  
Taiwan

## Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*  
EN 60950-1:2001+A11

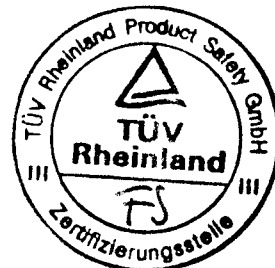


**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Einbau-Schaltnetzteil (Switching Power Supply)

Bezeichnung (Type Designation)	: RL0402x-yz (RL)	10
x steht für (stands for)	: E oder (or) U	1
y steht für (stands for)	: 03, 05, 12, 18, 24, 36, 48	1
z steht für (stands for)	: freibleibend (blank) oder (or) I	1
Nennspannung (Rated Voltage)	: AC 100-240V, 47-63Hz	
Nennstrom (Rated Current)	: 6.35A-3.25A	
max. Umgebungstemperatur (max. Ambient Temperature)	: 50°C	
Schutzklasse (Protection Class)	: I	
Verschmutzungsgrad (Pollution Degree)	: 2	
Fortsetzung Blatt (continued on page) 02		



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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

**TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln**

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althoff@de.tuv.com

Dipl.-Ing. F. Staelzel

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50072578

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0003

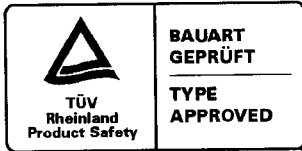
Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i> (day/mo/yr)
93-0819/PSE	ZTW1-ALD- 10015055 001	26.10.2005	

**Genehmigungsinhaber *License Holder***  
Rltech Inc.  
4F., No. 156, Chingmei St.  
Wen Shan Ward  
Taipei 116  
Taiwan

**Fertigungsstätte *Manufacturing Plant***  
Ultra Level Tech. Co., Ltd.  
4F. No.2, Lane 235, Bau-Chiau Road  
Hsin-Tien City, Taipei Hsien 231  
Taiwan

**Prüfzeichen *Test Mark***

**Geprüft nach *Tested acc. to***  
EN 60950-1:2001+A11



**Zertifiziertes Produkt (Geräteidentifikation)**  
***Certified Product (Product Identification)***

**Lizenzentgelte - Einheit**  
***License Fee - Unit***

Einbau-Schaltnetzteil (Switching Power Supply)

wie Blatt (as page) 01

Ergänzung  
(Addition)

Bezeichnung (Type Designation)	: RL0402Dx-y (RL)	1
x steht für (stands for)	: E oder (or) U	1
y steht für (stands for)	: 0312, 0324, 0512, 0524, 1224	1
Ausgänge (Outputs)	: siehe Aufbau-Übersicht (see constructional dataform)	
max. Ausgangsleistung: (max. Output Power)	: siehe Aufbau-Übersicht (see constructional dataform)	

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

Zertifizierungsstelle

**TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln**

Tel.:(+49/221)8 06 - 13 71 Fax:(+49/221)8 06 - 39 35 e-mail: Althoff@de.tuv.com

Dipl.-Ing. F. Staelzel

# Zertifikat Certificate



Zertifikat Nr. *Certificate No.*  
R 50072578

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0009

<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum</i>	<i>Date of Issue</i> (day/mo/yr)
238044999/FW040121	ZTW1-RNK- 10015055 012	19.01.2021	

## Genehmigungsinhaber *License Holder*

Ultra Level Tech. Co., Ltd.  
4F. No.2, Lane 235, Bau-Chiau Road  
Hsin-Tien Dist., New Taipei City  
231  
Taiwan

## Fertigungsstätte *Manufacturing Plant*

Ultra Level Tech. Co., Ltd.  
4F. No.2, Lane 235, Bau-Chiau Road  
Hsin-Tien Dist., New Taipei City  
231  
Taiwan

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
EN 62368-1:2014+A11

Zertifiziertes Produkt (*Geräteidentifikation*)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

Einbau-Schaltnetzteil (Switching Power Supply)

wie Blatt (as page) 01

Änderung  
(Change)

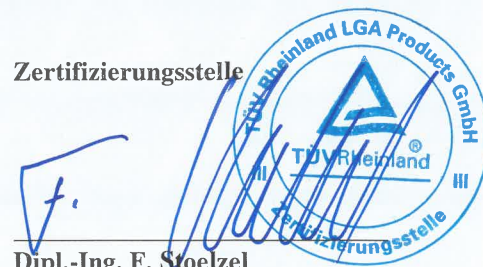
Prüfgrundlage : siehe oben  
(Test Requirement) (see above)

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. F. Staelzel

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

## Product

Switching Power Supply

## Name and address of the applicant

Ultra Level Tech. Co., Ltd.  
4TH FL 2 LANE 235 BAU-CHIAU RD HSIN-TIEN DISTRICT NEW  
TAIPEI, 231 TAIWAN

## Name and address of the manufacturer

Ultra Level Tech. Co., Ltd.  
4TH FL 2 LANE 235 BAU-CHIAU RD HSIN-TIEN DISTRICT NEW  
TAIPEI, 231 TAIWAN

## Name and address of the factory

Note: When more than one factory, please report on page 2

Ultra Level Tech. Co., Ltd.  
4F, No. 2, Lane 235, Bau-Chiau Road, Hsin-Tien Dist., New  
Taipei City, 231  
Taiwan Additional Information on page 2

## Ratings and principal characteristics

Input: 100-240Vac, 47-63Hz, 6.35A-3.25A for model:  
RL0402x-03z (x = E or U; z = blank or I),  
see test report for details.

## Trademark (if any)



## Type of Customer's Testing Facility (CTF) Stage used

## Model / Type Ref.

RL0402Dx-y, RL0402x-yz, RL0803-0528, RL0803  
See Page 2

## Additional information (if necessary may also be reported on page 2)

 Additional Information on page 2

## A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

## As shown in the Test Report Ref. No. which forms part of this Certificate

1901003-CB issued on 2019-07-19

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-07-26

Signature:

Jan-Erik Storgaard

## Model Details:

RL0402x-yz (x = E or U; y = 03, 05, 12, 18, 24, 36 or 48; z = blank or I)  
RL0402Dx-y (x = E or U; y = 0312, 0324, 0512, 0524 or 1224)

## Additional Information:

Additionally evaluated to EN 62368-1:2014 / A11:2017  
National Difference specified in the CB Test Report

## Additional information (if necessary)



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-07-26

Signature:

  
Jan-Erik Storgaard

# VERIFICATION OF COMPLIANCE

**Issue Date:** September 02, 2022

**Applicant:** ULTRA LEVEL TECH CO., LTD.

**Address:** 4F, No.2, Lane 235, Bau-Chiau Road, Hsin-Tien District, New Taipei City 231, Taiwan, R.O.C..

**Manufacturer:** ULTRA LEVEL TECH CO., LTD.

**Address:** 4F, No.2, Lane 235, Bau-Chiau Road, Hsin-Tien District, New Taipei City 231, Taiwan, R.O.C..

**Product:** Switching Power Supply

**Brand Name/Trade Mark:** N/A

**Model/Type:** 1) RL0402x-yz (x= E,U ; y=03, 05,12,18, 24, 36,48 ; z=blank or I)  
2) RL0402Dx-y (x= E,U ; y=0312, 0324, 0512, 0524,1224)

**Added Model(s):** N/A

**Applicable Standards:** **EN 55032: 2015+A11: 2020**  
EN 61000-3-2: 2014, EN 61000-3-3: 2013  
**EN 55035: 2017+A11: 2020**  
IEC 61000-4-2: 2008, IEC 61000-4-3: 2020  
IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+A1:2017  
IEC 61000-4-6: 2013+C1: 2015, IEC 61000-4-8: 2009  
IEC 61000-4-11: 2020+C1:2020

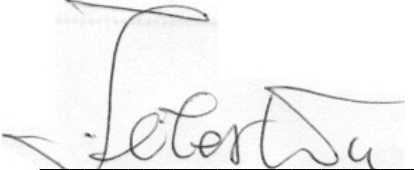
**Test Laboratory:** Compliance Certification Services Inc.  
Tainan Lab  
No.8, Jiucengling, Xinhua Dist., Tainan City, Taiwan

**Test Report No. :** TMTN2207000937NE, dated on September 02, 2022

**Conclusion:**

Based upon a review of the Test Report(s), the tested sample of the product mentioned above is deemed to comply with the requirements of the above standards.

**Note:** This verification is only valid for the product and configuration described and in conjunction with the test report as detailed above.

**Authorised Signatory:**

Compliance Certification Services Inc.

Jeter Wu

Manager

FM-023A-R02