

Certification Package – Q2UK and Q2UK USB

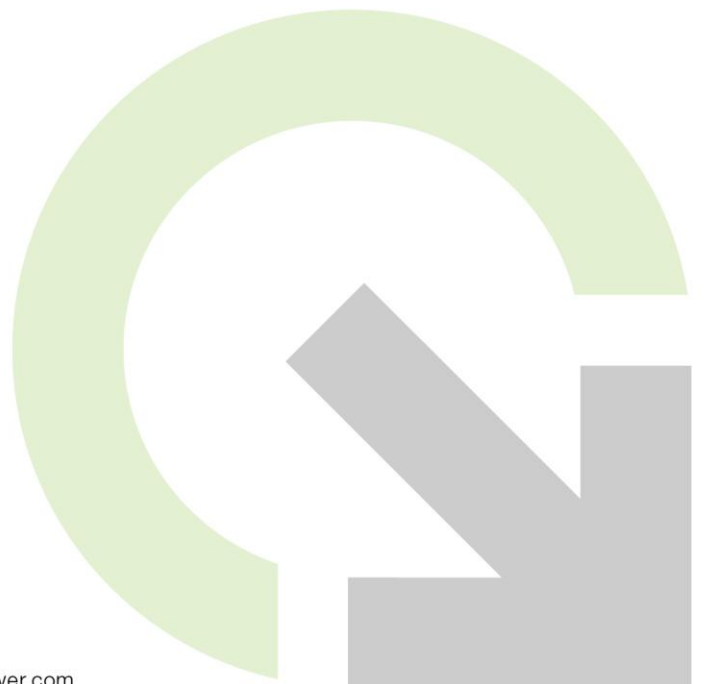
- Commitment to safety standards

1. Declaration of Conformity (DoC)
2. Safety IEC 60884-1
3. Safety IEC 60884-2-5
4. Safety IEC 60950-1
5. EMC
6. FCC
7. ErP
8. NRCAN
9. ICES
10. RohS



Note:

Some documents attached are only an abstract and not the full report due to the size of its content. For the full reports, please ask your sales responsible.



June, 2016

Q2Power Products – Commitment to global standards

Compliance is a focal point at Q2Power AG and the foundation supporting “Quality 2 Power Products”.

Understanding standardisation and its corresponding norms is a prerequisite for producing quality products and is reflected in tested and certified products.

We work in excellent cooperation with the most renowned state-approved test laboratories (Notified Bodies) in order to test our products under the latest international conditions and requirements.

We achieve lasting quality and competitive pricing through our close cooperation with local and international standardisation bodies and committees, which enables us to anticipate and take account of any possible future product requirements.

We shall be very pleased to present you with our in-depth knowledge and provide you with a sample of approved certificates and test reports.

For the product of your choice, you can request the “DoC and Certification Pack” today, which will be sent to you immediately.

We kindly ask you to understand that we can only provide you with our full test reports following a non-disclosure agreement, since they contain valuable and sensitive company information.

If you have any further questions regarding Q2P, please do not hesitate to contact us at your convenience.

Q2Power AG



Hansjörg Wittwer
CEO



Declaration of conformity

We,

Q2Power AG, Industriering 31, 9491 Ruggell, Liechtenstein

declare on our own sole responsibility, to whom it may concern, that the product

Type **q2power – “Q2xx series” and “Q2xx USB series”**

is in conformity with the following laws and standards or other name normative documents:

- AUS plug (if available) complies to the relevant standard AS/NZS3112
- CH plug (if available) complies to the relevant standard SEV 6534-2 Type 12
- EU plug (if available) complies to the relevant standard DIN 49441 and CEE7
- IT plug (if available) complies to the relevant standard CEI 23-50
- UK plug (if available) complies to the relevant standard BS1363
- US plug (if available) complies to the relevant standard 5-15P ANSI NEMA WD6
- EU socket input complies to the relevant standard EN50075
- UK socket input complies to the relevant standard BS1363
- AUS socket input complies to the relevant standard AS/NZS3112
- US socket input complies to the relevant standard UL817
- IT socket input complies to the relevant standard CEI 23-50
- CH socket input complies to the relevant standard SEV 1011

For the safety evaluation of the compliance to the above directive, the following standard(s) are applied:

- IEC 60884-1: 2006-07 (Third Edition) + A1:2006 + A2:2013
- IEC 60884-2-5: 1995 (First Edition)
- BS 8546:2016

For the safety evaluation and compliance to the directive LVD “Low Voltage Directive” 2014/35/EU the following standard(s) are applied:

- EN 60950-1 (ed.2); am1: 2009; am2: 2013

For the passive and active harmonic line current reduction evaluation and compliance to EMC Directive 2014/30/EU:

- EN61000-3-2:2014
- EN61000-3-3:2013
- EN61204-3:2000
- EN55024:2010 + A1:2015
- EN55032:2015

For the passive and active harmonic line current reduction evaluation and compliance to FCC, the product is complying to:

- FCC part 15:2017

For the Regulation of ecodesign requirements for external power supplies, the product is complying to:

- EN 50563:2011; A1:2013 // ErP 2009/125/EC

For the Regulation of energy efficiency requirements for external power supplies, the product is complying to:

- Nrcan, Amendment 11, October 2012

For the Regulation of energy efficiency requirements for external power supplies, the product is complying to:

- ICES-003 Issue 6:2017

For the Regulation of REACH and RoHS2:

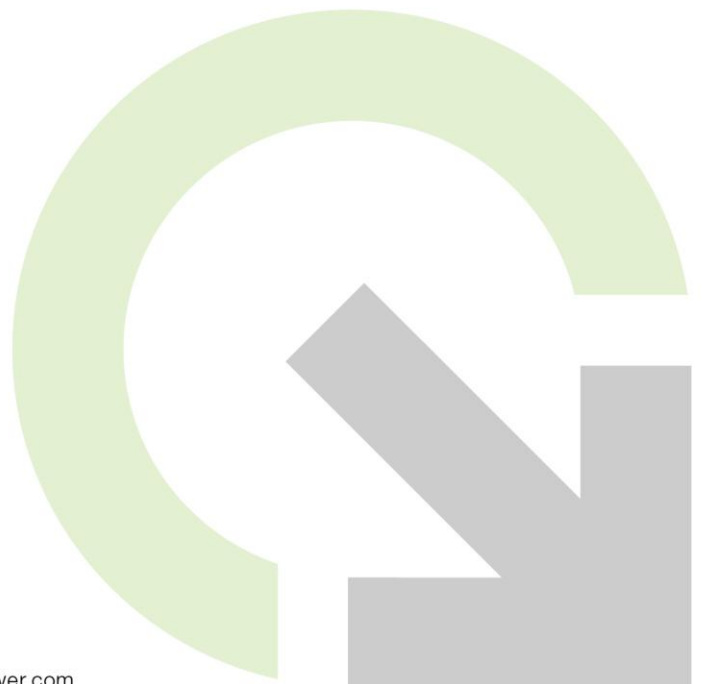
- REACH Directive 1907/2006
- RoHS2 Directive 2011/65/EU

Place and Date:



Liechtenstein, 9491 Ruggell, 09.11.2017



Hansjörg Wittwer
CEO



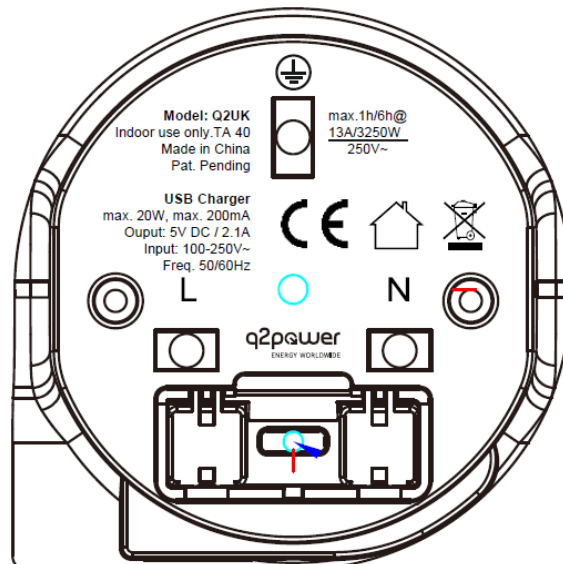
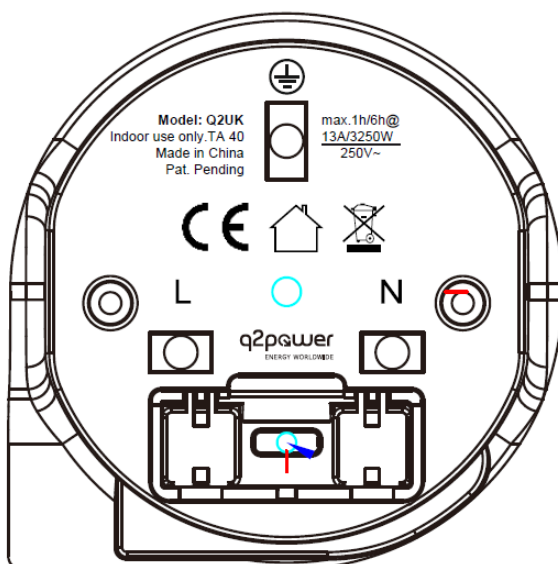
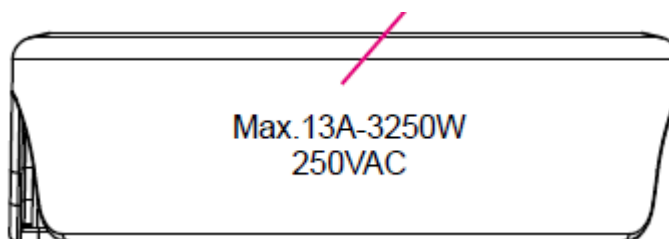
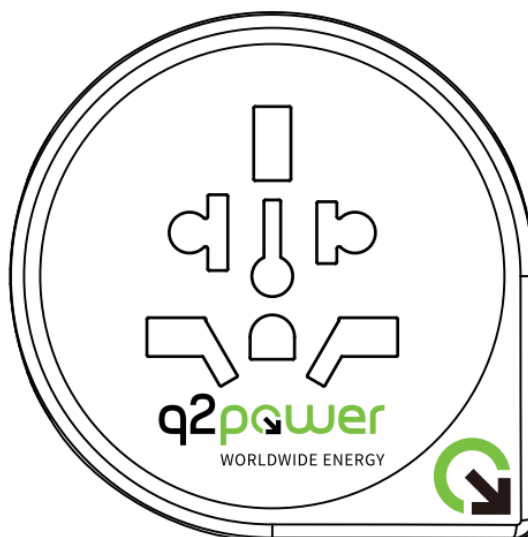
TEST REPORT IEC 60884-1 Plugs and socket-outlets for household and similar purposes Part 1: General requirements	
Report Number.....	4325360.50
Date of issue	2016-11-29
Total number of pages	55 pages
Applicant's name	Q2Power AG
Address.....	Industriering 31, Ruggell, Liechtenstein
Test specification:	
Standard	IEC 60884-1:2002 (Third Edition) + A1:2006 + A2:2013
Test procedure	Type test (partial test)
Non-standard test method	N/A
Test Report Form No.	IEC60884_1D
Test Report Form(s) Originator	IMQ S.p.A.
Master TRF	Dated 2013-08
Test item description.....	Travel adaptor
Trade Mark.....	Q2Power
Manufacturer	Dongguan Liaobu Shensen Electronic Co., Ltd. Si Hai Industry, Kengkou, Liaobu City, Dongguan, Guangdong, China
Model/Type reference	Q2UK, Q2UK USB
Ratings.....	13 A, 250 V~

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	Testing Laboratory:	DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch
Testing location/ address.....:		Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-tech Industrial Development Zone, Guangzhou 510663, P.R. China
<input type="checkbox"/>	Associated Testing Laboratory:	
Testing location/ address.....:		
Tested by (name + signature).....:		N. Liang 
Approved by (name + signature)		J. Peng 
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature)		
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address.....:		
Tested by (name + signature).....:		
Witnessed by (name + signature)		
Approved by (name + signature)		
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature)		
Supervised by (name + signature)....:		

List of Attachments (including a total number of pages in each attachment): Attachment 1 (1 page): Standard dimension sheet Figure 4a) for BS 1363-1:1995+A4:2012 Attachment 2 (3 pages): Construction requirement for BS 1363-1:1995+A4:2012 Attachment 3 (7 pages): Photos	
Summary of testing:	
Tests performed (name of test and test clause): Partial test (see "General remarks" for the details of the test items)	Testing location: DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-tech Industrial Development Zone, Guangzhou 510663, P.R. China
Summary of compliance with National Differences List of countries addressed: Plug portion: Britain (Dimension requirement only)	
<input checked="" type="checkbox"/> The product fulfils the requirements of BS 1363-1:1995 + A4:2012 (Dimension requirement only) and are listed in this test report:	

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



Test item particulars	Travel adaptor
Standard Sheet	Plug: Figure 4a) for BS 1363-1 Socket: not-standardized, multiple receptivity of following plugs: US plug: ANSI NEMA WD6 5-15P plug AU plug: Fig 2.1(a1) of AS/NZS 3112 IT plug: S11 of CEI 23-50 SW plug: Type 12 of SEV 6534-2:2009
Rated current (A) / Rated voltage (V)	13 / 250
Degree of protection against access to hazardous parts and against harmful ingress of solid foreign objects	IP2X
Degree of protection against harmful ingress of water	IPX0
Provision for earthing	With earthing contacts
Method of connecting the cable	Non-rewirable
Type of cable	N/A
Nominal cross-sectional areas (mm²)	N/A
Type of terminals	N/A
Type of connections	Other: Riveted
Socket-outlets:	
Degree of protection against electric shock	Normal protection
Existence of shutters	With shutters
Method of application / mounting of the socket-outlet	Portable type
Method of installation	N/A
Intended for circuits where	A single earthing circuit provides protective earthing
Plugs:	
Class of equipment	I
Possible test case verdicts:	
- test case does not apply to the test object	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
- test object not checked due to inherent construction	NC (Not checked)
Testing	
Date of receipt of test item	2016-01-04
Date (s) of performance of tests	2016-01-04 to 2016-07-30

General remarks:

The test results presented in this report relate only to the object tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(See Enclosure #)" refers to additional information appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

This Test Report shall be read in conjunction with Test Report with Ref. No. 4321262.50 for Building-in PCBA (USB-Charger) according to IEC 60950-1:2005 (Second Edition) + A1:2009 + A2:2013

The report is only for partial test for plug portion of British(UK) and non-standardized socket-outlet portion with multiple receptivity of America(US), Australia(AU), Swiss(SW) and Italy(IT) plugs as below:

Tests	Plug	Socket (multiple receptivity)			
	UK	US	AU	SW	IT
8. Marking	T	T	T	T	T
9. Checking of dimensions.	T	NC	NC	NC	NC
10. Protection against electric shock	T	T	T	T	T
11. Provision for earthing	T	T	T	T	T
12. Terminals and terminations	T	T	T	T	T
14. Construction of plugs and portable socket-outlets	T	T	T	T	T
16. Resistance to ageing, protection provided by enclosures, and resistance to humidity	T	T	T	T	T
17. Insulation resistance and electric strength	T	T	T	T	T
18. Operation of earthing contacts	T	T	T	T	T
19. Temperature rise	T	T	T	T	T
20. Breaking capacity	N/A	T	T	T	T
21. Normal operation	N/A	T	T	T	T
22. Force necessary to withdraw the plug	N/A	T	T	T	T
24. Mechanical strength	T	T	T	T	T
25. Resistance to heat	T	T	T	T	T
26. Screws, current-carrying parts and connections	T	T	T	T	T
27. Creepage distances, clearances and distances through sealing compound	T	T	T	T	T
28. Resistance of insulating material to abnormal heat, to fire and to tracking	T	T	T	T	T
29. Resistance to rusting	N/A	N/A	N/A	N/A	N/A
30. Additional tests on pins provided with insulating sleeves	T	N/A	N/A	N/A	N/A
Remark: 1) T: Tested according to standard; 2) N/A: Not applicable; 3) NC: Not checked due to construction;					

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... : ☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies): Dongguan Liaobu Shensen Electronic Co., Ltd
Si Hai Industry, Kengkou, Liaobu City, Dongguan, Guangzhou, China.

General product information:
Product data

Product	:	Travel adaptor
Type(s)	:	Q2UK, Q2UK USB
Rated current	:	13 A
Rated voltage	:	250 V~
Earthing	:	With earthing-contacts
Design	:	Non-rewirable
Standard sheet	:	Plug: Figure 4a) for BS 1363-1
		Socket: not-standardized, multiple receptive
Description	:	Body of thermoplastic material, with UK plug portion and non-standardized socket outlet portion which is multiple receptive for plugs of America, Australia, Swiss and Italy
Markings	:	Are shown on the body

Model Q2UK USB is identical to model Q2UK except model Q2UK USB is equipped with PCBA (USB-Charger)

TEST REPORT IEC 60884-2-5 Plugs and socket-outlets for household and similar purposes Part 2: Particular requirements for adaptors	
Report Reference No.....	4325360.51
Tested by (name + signature)	N. Liang
Witnessed by (name + signature)	
Supervised by (name + signature)	
Approved by (name + signature)	J. Peng
Date of issue.....	2016-11-29
Number of pages.....	37
CB Testing laboratory name	DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch
Address.....	Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-tech Industrial Development Zone, Guangzhou 510663, P.R. China
Testing location/ procedure	CBTL <input checked="" type="checkbox"/> SMT <input type="checkbox"/> WMT <input type="checkbox"/> TMP <input type="checkbox"/>
Testing location/ address	Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-tech Industrial Development Zone, Guangzhou 510663, P.R. China
Applicant's name.....	Q2Power AG
Address.....	Industriering 31, Ruggell, Liechtenstein
Test specification:	
Standard	IEC 60884-2-5:1995 (First Edition) [see also IEC 60884-1:1994 (Second Edition) + A1:1994 + A2:1995]
Test procedure	Type test (partial test)
Non-standard test method.....	N/A
Test Report Form No.	IEC60884_2_5A
TRF originator.....	IMQ
Master TRF.....	Dated 2004-09

Test item description:	Travel adaptor
Trade Mark	Q2Power
Manufacturer	Dongguan Liaobu Shensen Electronic Co., Ltd Si Hai Industry, Kengkou, Liaobu vity, Dongguan, Guangzhou, China.
Model/Type reference	Q2UK, Q2UK USB
Ratings.....	13 A, 250 V~
Copy of marking plate and summary of test results (information/comments): See 4325360.50	
Summary of testing: Partial test (see "General remarks" for the details of the test items)	

Test item particulars:

Standard Sheet: Plug: Figure 4a) for BS 1363-1
Socket: not-standardized, multiple receptivity

Rated current (A) and/or power (W): 13 A

Rated voltage (V): 250 V~

Degree of protection against harmful ingress of water : Ordinary

Provision for earthing: With earthing contacts

Method of connecting the cable: Non-rewirable intermediate adaptor

Type of cable: N/A

Nominal cross-sectional areas (mm²): N/A

Type of terminals: N/A

Type of connections: Other: Riveted

Socket-outlets:

Degree of protection against electric shock: Normal protection

Existence of enclosures: Enclosed

Existence of shutters: With shutters

Method of application / mounting of the socket-outlet ..: Portable-type

Method of installation: N/A

Plugs:

Class of equipment: I

Possible test case verdicts:

- test case does not apply to the test object.....: N/A

- test object does meet the requirement: P (Pass)

- test object does not meet the requirement: F (Fail)

- test object not checked due to inherent construction.: NC (Not checked)

Testing:

Date of receipt of test object: 2016-01-04

Date (s) of performance of tests: 2016-01-04 to 2016-07-30

General remarks:

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IEC 02.

The test results presented in this report relate only to the object(s) tested.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a ☒ comma or ☐ point is used as the decimal separator.

This Test Report shall be read in conjunction with Test Report No. 4325360.50 according to IEC 60884-1:2002+ A1:2006+ A2:2013 and test Report No. 4321262.50 for Building-in PCBA (USB-Charger) according to IEC 60950-1:2005 (Second Edition) + A1:2009 + A2:2013

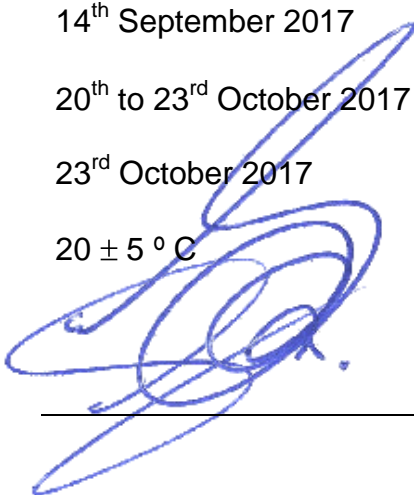
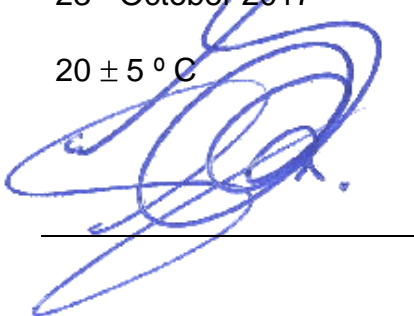
The report is only for partial test for plug portion of British(UK) and non-standardized socket-outlet portion with multiple receptive of America(US), Australia(AU), Swiss(SW) and Italy(IT) plugs as below:

Tests	Plug	Socket (multiple receptivity)			
	UK	US	AU	SW	IT
8. Marking	T	T	T	T	T
9. Checking of dimensions.	T	NC	NC	NC	NC
10. Protection against electric shock	T	T	T	T	T
11. Provision for earthing	T	T	T	T	T
12. Terminals and terminations	T	T	T	T	T
14. Construction of plugs and portable socket-outlets	T	T	T	T	T
16. Resistance to ageing, protection provided by enclosures, and resistance to humidity	T	T	T	T	T
17. Insulation resistance and electric strength	T	T	T	T	T
18. Operation of earthing contacts	T	T	T	T	T
19. Temperature rise	T	T	T	T	T
20. Breaking capacity	N/A	T	T	T	T
21. Normal operation	N/A	T	T	T	T
22. Force necessary to withdraw the plug	N/A	T	T	T	T
24. Mechanical strength	T	T	T	T	T
25. Resistance to heat	T	T	T	T	T
26. Screws, current-carrying parts and connections	T	T	T	T	T
27. Creepage distances, clearances and distances through sealing compound	T	T	T	T	T
28. Resistance of insulating material to abnormal heat, to fire and to tracking	T	T	T	T	T
29. Resistance to rusting	N/A	N/A	N/A	N/A	N/A
30. Additional tests on pins provided with insulating sleeves	T	N/A	N/A	N/A	N/A

Remark: 1) T: Tested according to standard; 2) N/A: Not applicable; 3) NC: Not checked due to construction

TEST REPORT

No: 50735

Client	Q2Power AG Industriering 31 9491 Ruggell Liechtenstein
Client contact	Mr Daniel Anderson
Item/s tested	Travel Adaptor with UK BS 1363-1 plug pin section and multi-aperture Socket outlet & USB charging port Rated: 250V~ 13A
Sample/s tested / Conditions	One / condition good
Tested to	Limited Safety Evaluation based on BS 8546: 2016 and national standard sheets/ requirements where relevant. Refer to individual results in this report.
Date sample received	14 th September 2017
Test period	20 th to 23 rd October 2017
Date of Issue	23 rd October 2017
Tests carried out at	20 ± 5 °C
Testing Officer	 <i>Giuseppe Capanna</i>
Verified by	 <i>Bunmi Phillips</i>



Form No: QF102-2
Issue No: 1
Issue Date: 03.08.07



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

CB TEST CERTIFICATE

Product	Building-in power board in USB adapter
Name and address of the applicant	Q2Power AG Industriering 31, Ruggell Liechtenstein
Name and address of the manufacturer	Dongguan Liaobu Shensen Electronic co., Ltd Si Hai industry, Kengkou, Liaobuu city, Dongguan, Guangdong China
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 Dongguan Liaobu Shensen Electronic co., Ltd Si Hai industry, Kengkou, Liaobuu city, Dongguan, Guangdong China
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-250 V~, 50/60 Hz, 200 mA USB Output: 5 V dc, 2,1 A max
Trademark (if any)	Q2Power AG
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	Q2EU USB, Q2UK USB, Q2US USB, Q2AUS USB, Q2CH USB, Q2IT USB
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013 National differences: EU Group Differences, EU Special National Conditions, AU, CN, GB, HK, JP, US, ZA
As shown in the Test Report Ref. No. which forms part of this Certificate	4337221.50

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051, NL-6825 MJ Arnhem, Netherlands



Date: 2017-05-27

Signature: Miranda Zhou





中国认可
检测
TESTING
CNAS L5805



4337758.50

EMC Test report for Travel adapter

**Models Q2EU, Q2EU USB, Q2UK, Q2UK USB,
Q2US, Q2US USB, Q2AUS, Q2AUS USB
Q2CH, Q2CH USB, Q2IT, Q2IT USB
W2Slide AUS, W2Slide AUS USB**

Guangzhou, date of issue: 2017-06-27

Author Harry Deng

By order of Q2Power AG at Ruggell, Liechtenstein

Author : Harry Deng

Reviewed : Tim Yan

Pages : 29 pages

Annex : NIL

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1 TEST DESCRIPTION

The conclusion and results stated in this test report are based on a non-recurrent examination of sample(s) provided by the applicant.

This report is based on report 4336758.50. In this update,
1, the applied standards were updated.

Original standard	Updated standard
EN 61000-3-2:2006+A1:2009+A2:2009	EN 61000-3-2: 2014
EN 55024: 2010	EN 55024: 2010 + A1:2015

2, the standard EN 55022 had been replaced by EN 55032.

After technical review, no additional test was added.

1.1 Model description

The apparatus as supplied for the test is travel adapter intended for residential use, the product contains electronic control circuitry and with earth connection.

Base on client's declaration,

1, models Q2EU USB and Q2EU are with similar circuitry, but model Q2EU USE is with a DC power output and Q2EU not.

2, models W2Slide AUS USB, Q2EU USB, Q2UK USB, Q2US USB, Q2AUS USB, Q2CH USB, Q2IT USB are identical except the plug for different country.

3, models W2Slide AUS, Q2EU, Q2UK, Q2US, Q2AUS, Q2CH, Q2IT are identical except the plug for different country.

Hence, model Q2EU USB was chosen for full test, and the corresponding data are representative of the other models as well.

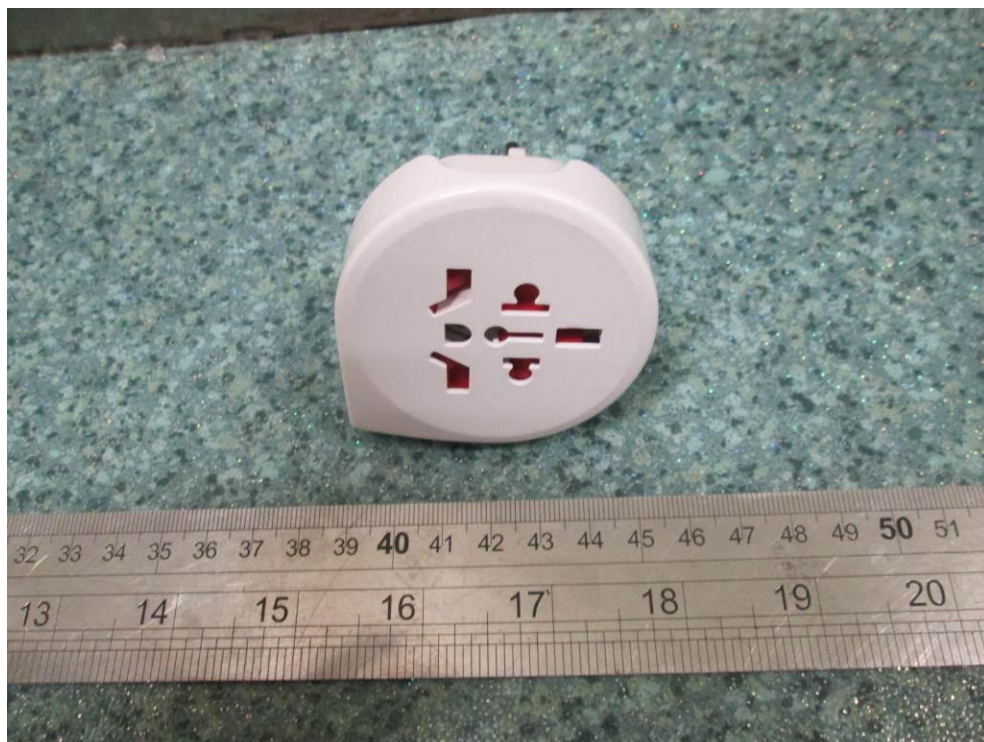


Figure 1 model Q2EU USB

The Operating Modes as stated in the User Manual are on and off mode.

1.2 Environment

The requirements and standards apply to equipment intended for use in:

✓	Residential (domestic) environment
✓	Commercial and light-industrial environment
	Industrial environment
	Medical environment

1.3 Classification

For the equipment under test the following classification is applicable.

	EN 55032 Class A	All other equipment doesn't belongs to Class B.
✓	EN 55032 Class B	Equipment intended to offer adequate protection to broadcast services within the residential environment.

2 SUMMARY

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

2.1 Applied standards

Standard	Year	Title
EN 55032	2015	Electromagnetic compatibility of multimedia equipment - Emission requirements
EN 55024	2010	Information technology equipment - Immunity
A1	2015	characteristics - Limits and methods of measurement
EN 61000-3-2	2014	Electromagnetic compatibility (EMC) -- Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
EN 61000-3-3	2013	Electromagnetic compatibility (EMC) -- Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61204-3*	2000	Low-voltage power supplies, d.c. output – Part 3: Electromagnetic compatibility (EMC)

*Remark: this standard is not within the CNAS scope yet.

2.2 Overview of results

Emission tests	Result
Mains conducted disturbance voltage	PASS
Radiated Emission	PASS
Harmonic current emission	PASS
Limitation of voltage fluctuations (flicker)	PASS

Immunity tests	Result
Electrostatic Discharges (ESD)	PASS
Radiated EM Field	PASS
Electrical fast transient (EFT) / Burst transients	PASS
Surge transients	PASS
Conducted RF disturbances	PASS
Power supply voltage interruptions & dips	PASS

3 GENERAL INFORMATION

3.1 Product Information

Equipment under test	Travel adapter
Trade mark	q2power
Tested Type	Q2EU USB
Represented type(s)	W2Slide AUS, W2Slide AUS USB, Q2EU, Q2UK, Q2US, Q2AUS, Q2CH, Q2IT, Q2UK USB, Q2US USB, Q2AUS USB, Q2CH USB, Q2IT USB
U nominal	100-250 Vac, 50/60 Hz
Output	5 Vdc, 2,1 A for models with USB only
The highest frequency of the internal sources	Less than 108 MHz

3.2 Customer Information

Applicant	Q2Power AG
Address	Industriering 31, Ruggell, Liechtenstein

Manufacturer / Factory	Dongguan Liaobu Shensen Electronic Co Ltd.
Address	Si Hai Industry, Kengkou, Liaobu, Dongguan, Guangdong, China

3.3 Test data

Location	DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch
Address	Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, P.R. China
Location	Guangzhou Electrical Safety Testing Institute (CEST)
Address	No.6, Haichengdong Street, Xingangdong Road, Haizhu District, Guangzhou, 510330, P. R. China
Date	2015-02-02 to 2015-02-25
Supervised by	Harry Deng

3.4 Measurement uncertainty

Measurement	Uncertainty
Mains disturbance voltage (150 kHz – 30MHz)	$\pm 1,66$ dB
Radiated disturbance (30MHz– 1000MHz)	$\pm 3,32$ dB

3.5 Equipment list

Location: DEKRA Testing and Certification (Shanghai) Ltd. Guangzhou Branch

Item	Instrumentation	Manufacturer	Model No.	Serial No.	Dekra No.	Cal. due date
1	EMI Receiver	R&S	ESCI	101206	G/L858	2017-11-28
2	LISN	R&S	ENV216	101336	G/L859	2017-11-28
3	Shielding Room	Changzhou Feite	/	/	G/L861	2018-07-06
4	EMI receiver	R&S	ESCI	101205	G/L857	2017-11-28
5	Antenna (30MHz-3GHz)	SCHWARZBECK	VULB9163	506	G/L864	2017-11-28
6	Chamber	ETS	/	/	G/L856	2018-07-06
7	Dimensional Loop ANTENNA	HXY9170	SCHWARZBECK	9170-206	G/L866	2017-11-09
8	ESD Generator	TESEQ	NSG435	6513	G/L867	2016-11-30
9	Signal Generator	TESEQ	NSG3040	1821	G/L868	2017-09-22
10	STEPTRANSFORMER	TESEQ	INA6501	/	G/L868	2017-09-22
11	Signal Generator	TESEQ	NSG4070	31446	G/L870	2018-01-25
12	CDN	TESEQ	M016	31564	G/L870	2018-01-25
13	EM-Koppelzange	TESEQ	KEMZ801	31493	G/L870	2018-01-25
14	6dB	TESEQ	ATN6075	30789	G/L870	2018-01-25
15	POWER SOURCE	California Instruments	500LiX-CTS-400	1132A00193	G/L862	2017-11-09
16	Analyzer	California Instruments	PACS-A	1132A00193	G/L862	2017-11-09

Location: Electrical Safety Laboratory of Inspection & Quarantine Technology Center of Guangdong Entry-Exit Inspection & Quarantine Bureau

NO.	Model No.	Manufacturer	Equipment	Serial No.	Cal. due date
SD00716	SAC10	Frankonia GabH	10m Semi-anechoic chamber	F069042	2018.03.05
200744CP001-2	AT1080	AR	Log-Periodic Antenna(80MHz-1000MHz)	0325160	N/A
200744CP001-4	2023B	Aeroflex	Signal Generator	202308/671	2017.09.09
200744CP001-3	PM2002	AR	Power Meter	324169	2017.09.09
200744CP001-5	SC1000M2	AR	Electronic Switch	0324683	N/A
200744CP001-7	150W1000M3	AR	Bandwidth Power Amplifier	0325215	N/A
1444BK0015SD	EP601	PMM	Field Probe	511WX21270	2017.10.07
1444BK0017SD	NSG3060 (FTM3425)	TESEQ	EFT/Burst Module	3089	2017.08.15
1444BK0017SD	NSG3060 (CWM3650)	TESEQ	Combination wave Module	0473	2017.08.15
SD00720-2	15003ix	California Instruments	Programmable ac s source	59862/59863/59864	2017.09.09

ATTESTATION OF CONFORMITY

Issued to: Q2Power AG
Industriering 31, Ruggell, Liechtenstein

For the product: Travel adapter

Trade name: q2power

Type/Model: Q2EU, Q2EU USB, Q2UK, Q2UK USB, Q2US, Q2US USB, Q2AUS, Q2AUS USB
Q2CH, Q2CH USB, Q2IT, Q2IT USB

Ratings: 100-250 Vac, 50/60 Hz
5 Vdc, 2,1 A for models with USB only
Less than 108 MHz

Manufactured by: Dongguan Liaobu Shensen Electronic Co Ltd.
Si Hai Industry, Kengkou, Liaobu, Dongguan, Guangdong, China

Requirements: FCC part 15:June 2017

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4338273.50.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Guangzhou, 14 July 2017

Number: 4338273.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.,
Guangzhou branch



Miranda Zhou
Certification Manager

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TEST REPORT	
No-load condition electric power consumption and average active efficiency of external power supplies	
Report Reference No.	: 4332641.51
Tested by (name + signature)	: Lyne Wang 
Reviewed by (name + signature) ...	: Among Chen 
Date of issue.....	: 2016-12-14
Contents	: 8 pages
Testing Laboratory.....	: DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch
Testing location / address.....	: Building A3, No.3 Qiyun Road, Science City, Guangzhou Hi-tech Industrial Development Zone, Guangzhou 510663, P.R. China
Applicant.....	: Q2POWER AG
Address	: Industriering 31, Ruggell, Liechtenstein
Test specification	:
Standard(s)	: EN 50563:2011+A1:2013
	External a.c. - d.c. and a.c. - a.c. power supplies - Determination of no-load power and average efficiency of active modes
Test procedure	: COMMISSION REGULATION (EC) No 278/2009
	Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies
Test object description	: Travel Adaptor
Trade Mark	: Q2Power
Manufacturer	: Q2POWER AG
	: Industriering 31, Ruggell, Liechtenstein
Factory	: Dongguan Liaobu Shensen Electronic Ltd.
	: Si Hai industry, Kengkou, Liaobu city, Dongguan, Guangdong, China
Model/Type reference.....	: Q2EU USB, Q2UK USB, Q2US USB, Q2AUS USB, Q2CH USB, Q2IT USB
	Q2EU USB sLine, Q2UK USB sLine, Q2US USB sLine, Q2IT USB sLine, Q2CH USB sLine, Q2AUS USB sLine

Ratings	: Input: 100-250 V~, 50/60 Hz, 200 mA USB Output: 5 V dc, 2,1 A max
The test results shown in this report relate only to the tests performed according to the test program. The test object has not been submitted to a full test program. © Integral publication of this document is allowed.	

Possible test case verdicts:	:
- test case does not apply to the test object	: N/A (not applicable)
- test object does meet the requirement	: P(Pass)
- test object does not meet the requirement	: F(Fail)
Testing	:
Date of receipt of test item	: 2016-09-23
Date (s) of performance of tests	: 2016-09-23- 2016-10-19
Test program	: The test object has been submitted to a test program as mentioned on the next pages.
Copy of marking plate:	N/A
General remarks: Throughout this report a comma is used as the decimal separator. The test results presented in this report relate only to the object tested. When determining of test conclusion, measurement uncertainty of tests have been considered. This report shall not be reproduced except in full without the written approval of the testing laboratory.	
General product information: This AC/DC Adaptor is a switching mode power supply with direct plug-in connection. Model Q2EU USB is identical to Q2UK USB, Q2US USB, Q2AUS USB, Q2CH USB, Q2IT USB except model name and plug portion and export market. Model Q2EU USB was selected to perform full test as far as applicable. Amendment report 4332641.51 this report was based on test report 4321262.51 issued by DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou Branch, issued date 2015-05-06,. It was issued due to below modification: 1. add alternative product Q2EU USB sLine, Q2UK USB sLine, Q2US USB sLine, Q2IT USB sLine, Q2CH USB sLine, Q2AUS USB sLine, which identical to each other except the plug type. 2. Change the manufacturer from "Dongguan Liaobu Shensen Electronic co., Ltd" to "Q2Power AG" After technical review, no additional testing is needed.	

Certificate of Conformance

Energy Efficiency Certification

UL conducted an independent evaluation on behalf of:

DONGGUAN CITY LIAOBU SHENSEN ELECTRONIC PROCESSING FACTORY.

No.3 Workshop, Sihai Industrial Park, Kengkou, Liaobu Town Dongguan,
Guangdong 523400 CN

for the following products:

External Power Supply (EPS)

Brand: q2power

Model (s):

Q2EU USB, Q2IT USB, Q2CH USB,
Q2AUS USB, Q2US USB, Q2UK USB

**This product meets all of the necessary
qualifications pursuant to:**

NRCAN: Amendment 11 to the Energy
Efficiency Regulations for External Power
Supplies, published on October 12, 2011 in
the Canada Gazette, Part II;

"Test Method for Calculating the Energy
Efficiency of Single-Voltage External AC-DC
and AC-AC Power Supplies" dated August
11, 2004
International Efficiency Marking Protocol for
External Power Supplies - Level VI



2015-05-29

Certification Date

N/A

Certification Revision Date

A handwritten signature in black ink, appearing to read 'M. L.', is written over a horizontal line.

Issued by

4786916224

UL Product Number

ATTESTATION OF CONFORMITY

Issued to: Q2Power AG
Industriering 31, Ruggell, Liechtenstein

For the product: Travel adapter

Trade name: q2power

Type/Model: Q2EU, Q2EU USB, Q2UK, Q2UK USB, Q2US, Q2US USB, Q2AUS, Q2AUS USB
Q2CH, Q2CH USB, Q2IT, Q2IT USB

Ratings: 100-250 Vac, 50/60 Hz
5 Vdc, 2,1 A for models with USB only
Less than 108 MHz

Manufactured by: Dongguan Liaobu Shensen Electronic Co Ltd.
Si Hai Industry, Kengkou, Liaobu, Dongguan, Guangdong, China

Requirements: ICES-003 Issue 6: January 2016 (updated April 2017)

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4338273.51.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Guangzhou, 17 July 2017

Number: 4338273.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.,
Guangzhou branch



Miranda Zhou
Certification Manager

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Q2Power AG
Indutriering 31, Ruggell, Liechtenstein

**DEKRA Testing and Certification (Shanghai)
Ltd., Guangzhou branch**

DEKRA House, No.3 Qiyun Road, Science City,
Guangzhou Hi-tech Industrial Development Zone,
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Tel.: +86 20 6661 2000
Fax: +86 20 6661 2001

Contact
Raymond Yu
Tel.: +86 20 6684 3299
E-Mail: raymond.yu@dekra-certification.cn
Date: 2015-05-22
Page 1 of 9

TEST REPORT

Test Report No. : 4322655.50

Project No. : 4322655.00

Job No. : GZTC2015050102

Applicant : Q2Power AG
Indutriering 31, Ruggell, Liechtenstein

Product Name : Travel adapter

Model No. : Q2EU USB

Reference Model No. : Q2UK/Q2UK UKB, Q2US/Q2US USB, Q2AUS/Q2AUS USB,
Q2CH/Q2CH USB, Q2IT/Q2IT USB

Test Requested : In accordance with RoHS Directive 2011/65/EU
- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated
biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)

Test Method : Please refer to next pages

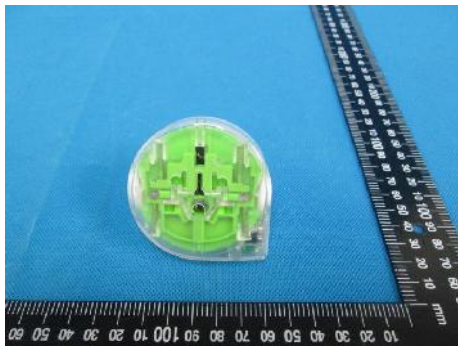
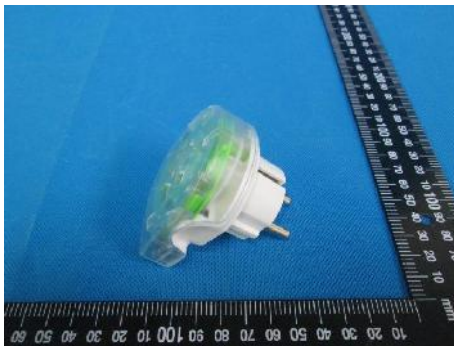
Sample Received : 2015-05-08

Testing Period : 2015-05-08 to 2015-05-21

Test Results

- following pages -

Resume:

Parameter	Product Name: Travel adapter	
	Front	Side
		
Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE)	PASS	

Guangzhou, May 22, 2015

Signed for and on behalf of

DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch

Chemical, Hardgoods & Toys




 Raymond Yu
 Manager

Attention: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of the testing laboratory.