

CUSTOMER : _____

DATE: 2025/5/5

SPECIFICATION

Model: QIW-45E2

Color: White ☒ Black ☐

Product: FAST CHARGER

Spec No: E5-006

Version: A1

Type: Wall Mount (Europe Germany)

AC Plug: Fixed Plug

Input: 100-240V~50/60Hz 1.5A Max

Output: PD+PPS (45W Max)

USB Ports: USB-C1+USB-C2

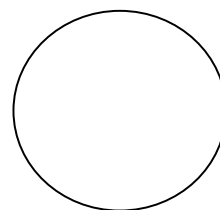
Receiver's stamp or signature

PLEASE APPROVE & RETURN BEFORE: 2025/5/20

OR WE WOULD REGARD IT BEEN CONFIRMED.

RESPONSIBLE	APPROVED	ISSUED
Thomas	Aiwei	Anni

ISSUES STAMP



Revised History

No.	Revised Date	Description	Approved	Issued

QIW Industrial Co.,Ltd.

CHINA:

Http://www.qiw.com

E-Mail: qiw@qiw.com

TEL : +86-755-8980 9888

FAX : +86-755-8983 7166

HONG KONG:

Http://www.qiw.com.cn

E-Mail: qiw@qiw.com.cn

TEL : +852-6952 9522

FAX : +852-3171 2350

	PRODUCT	FAST CHARGER	SHEET NO.	1 OF 4
			VERSION:	A1
	MODEL NO.	QIW-45E2	SPEC NO.	E5-006

- 1.INPUT REQUIREMENT
- 2.OUTPUT SPECIFICATION
- 3.MECHANICAL
- 4.RELIABILITY
- 5.ENVIRONMENT
- 6.OUTLOOKING
- 7.SAFETY
- 8.QC CHECK
- 9.DIMENSION
- 10.LABEL
- 11.PACKING

	PRODUCT	FAST CHARGER	SHEET NO.	2 OF 4
	MODEL NO.	QIW-45E2	VERSION:	A1
			SPEC NO.	E5-006

1.INPUT REQUIREMENT

ITEM	SPECIFCATION	MIN	TYP.	MAX
NORMAL AC INPUT VOLTAGE	SINGLE PHASE	100Vac	110Vac/220Vac	240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac	110Vac/220Vac	264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.			1.5A
NO LOAD POWER	AT 115VAC/230VAC			0.21W
EFFICIENCY	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD	86%		

2.OUTPUT SPECIFICATION
VOLTAGE OUTPUT CHARACTERISTICS OF EACH PORT

USB PORTS	OUTPUT	LOAD CONDITION		Load Regulation	Line Regulation	OCP
		Minimum Load	Nominal Load			
USB-C1	5V	0A	3.0A	±5%	±5%	105%-135%
	9V	0A	3.0A	±5%	±5%	105%-135%
	12V	0A	3.0A	±5%	±5%	105%-135%
	15V	0A	3.0A	±5%	±5%	105%-135%
	20V	0A	2.25A	±5%	±5%	105%-135%
USB-C2	5V	0A	3.0A	±5%	±5%	105%-135%
	9V	0A	3.0A	±5%	±5%	105%-135%
	12V	0A	3.0A	±5%	±5%	105%-135%
	15V	0A	3.0A	±5%	±5%	105%-135%
	20V	0A	2.25A	±5%	±5%	105%-135%

Note: If the output current exceeds 3A, the E-MARK chip needs to be included in the output Type-C line, otherwise only 3A can be output

COMBINED OUTPUT
USB-C1+USB-C2

USB-C1	USB-C2	TOTAL (Max)
45W	--	45W
--	45W	45W
25W	20W	45W
PPS: 5.0-11.0V==4.05A or 5.0-21.0V==2.25A(47.25W Max)		

	PRODUCT	FAST CHARGER	SHEET NO.	3 OF 4
	MODEL NO.	QIW-45E2	VERSION:	A1
			SPEC NO.	E5-006
3.MECHANICAL				
ITEM	SPECIFICATION OR TEST CONDITION		ACCEPTANCE CRITERIA	
BENDING TEST	NORMAL TEMPERATURE THE CORD SHALL WITHSTAND WEIGHT OF 200g, SWINGING FROM LEFT TO RIGHT AT AN ANGLE OF 60 DEG. 1000CYCLE TIMES MIN. S/R SHALL WITHSTAND WEIGHT OF 1N. SWINGING FROM LEFT TO RIGHT AT AN ANGLE OF 60DEG. 1000CYCLE TIMES MIN. BENDING SPEED 40CYCLE/MINUTE		NO SHORT CIRCUIT NO BREAKAGE OF THE CORD	
VIBRATION	FREQUENCY RANGE:10~55Hz AMPLITUDE:1.5mm ACCELERATION: 1G SWEEP 1 MINUTE FOR X,Y,Z,AXIS EACH		THERE SHALL BENO ABNORMALITY ON THE APPEARNCE STRUCTURE AND OPERATING	
4.RELIABILITY				
ITEM	TEST CONDITION		ACCEPTANCE CRITERIA	
TEMPERATURE UP WITH	TEST AT SURFACE OF THE CASE WITH TYPICAL		TEMPERATURE UP UNDER	
TYPICAL LOAD	AC INPUT AND TYPICAL LOAD IN OUTPUT		35 DEGREES	
	50/60Hz			
HI-POT TEST	INPUT TO OUTPUT GRADUALLY RAISED FROM 0 TO THE 3000Vac AND HELD AT THAT VALUE FOR 3S,5mA		NO DAMAGE	
MTBF	TYPICAL INPUT&FULL LOAD , 25℃		30000 HOURS	
LIFE	TYPICAL INPUT&FULL LOAD, 25℃		1YEARS ABOVE	
BURN-IN	AT 25℃(±10℃),NORMAL INPUT VOLTAGE		2 HOURS	
5.ENVIRONMENT				
ITEM	SPECIFICATION OR TEST CONDITION	min.	typ.	max.
OPERATING TEMPERATURE		0℃		25℃
STORAGE TEMPERATURE		-20℃		70℃
OPERATING HUMIDITY	NON-CONDENSING	5%RH		90%RH
STORAGE HUMIDITY	NON-CONDENSING	5%RH		90%RH

	PRODUCT	FAST CHARGER	SHEET NO.	4 OF 4
			VERSION:	A1
	MODEL NO.	QIW-45E2	SPEC NO.	E5-006

6.OUTLOOKING

DIMENSION

:52.8(L)X54.8(W)X29.2(H)mm

WEIGHT

:ABOUT 120g

AC INPUT TYPE

:Europe Germany Fixed Plug

DC OUTPUT TYPE

:USB-C1+USB-C2

DC OUTPUT CABLE

:N/A

INDICATION

:LABEL

CASE MATERIAL

:94V-0 ABS+PC

PCB MATERIAL

:94V-0

7.SAFETY

COMPLY SAFETY STANDARDS	STANDARD	FILE NO.
GS	EN IEC 62368-1:2020+A11	ID 1111298742
CE/LVD	EN 62368-1:2014+A11	AN 50669672 0001

EMI
CE FCC

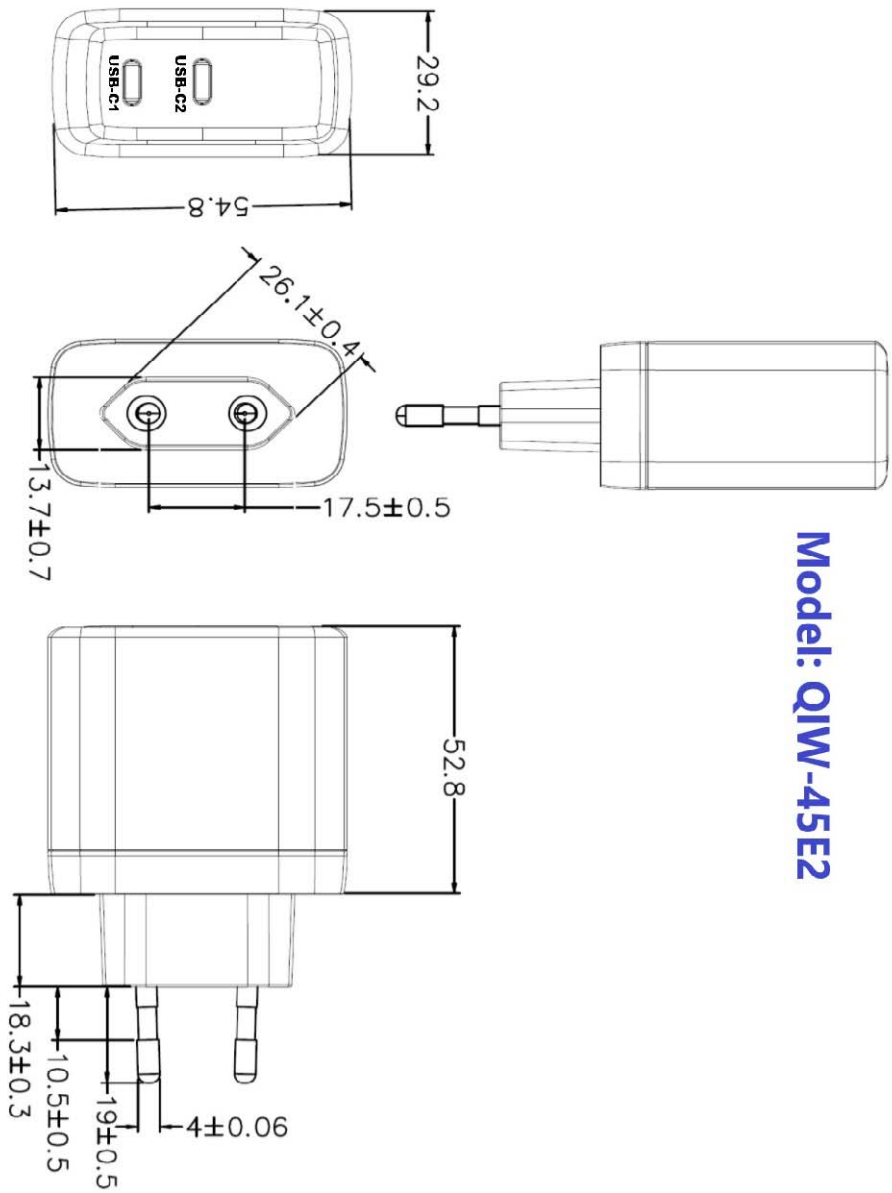
8.QC CHECK

ALL OF THE QUANTITY SHALL BE CHECKED BEFORE SHIPMENT,CHECK ITEM AS BELOW:

- (1)USB PORT CHECK
- (2)OCP FUNCTION CHECK
- (3)DC OUTPUT VOLTAGE CHECK
- (4)HI-POT&INSULATION CHECK
- (5)OUTLOOKING CHECK

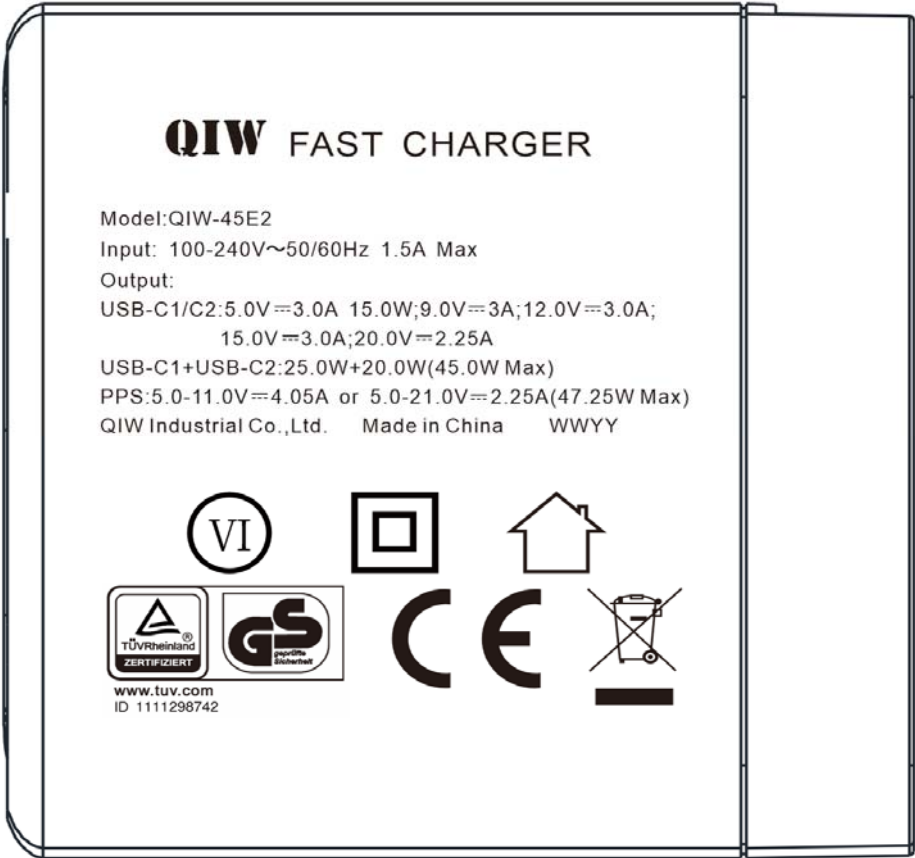
9.DIMENSION

Model: QIW-45E2



TOLERANCE		FINISH		XXXXXX	
L24	±0.05 ±0.08 ±0.1 ±0.2				
4x4x20	±0.05 ±0.1 ±0.2 ±0.3				
20x4x50	±0.1 ±0.15 ±0.3 ±0.4				
50x4x50	±0.15 ±0.25 ±0.3 ±0.6				
20x41	±0.2 ±0.4 ±0.5 ±0.8				
DEC. CHMD. APD.				UNIT	
				mm	
		SCALE		REF.	
				XXXX	
jmh				NO.	
				XXXX	
NAME			DIMENSION		
QIW® 奇旺 www.qiw.com QIW Industrial Co., Ltd. 深圳市奇旺实业有限公司					

10.LABEL (LASER)



QIW®奇旺

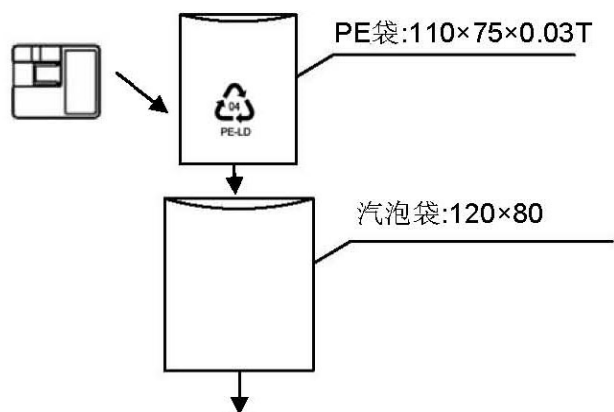
USB-C2

USB-C1

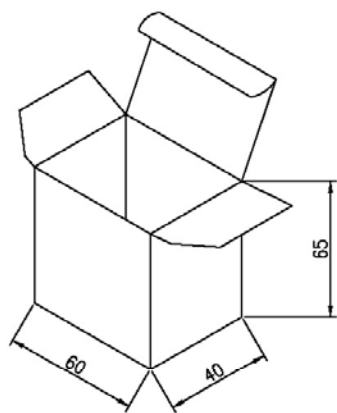
DATE CODE: (WWYY WW=WEEK,YY=YEAR)

TOLERANCE					FINISH					NAME:	LABEL
L≤4	0.05	0.08	0.1	0.2							
4<L≤20	0.08	0.1	0.2	0.3	MATERIAL			QTY.		REV	A1
20<L≤50	0.1	0.15	0.3	0.4							
50<L≤200	0.15	0.25	0.4	0.6							
200<L	0.2	0.4	0.5	0.8							
DEG.	CHKD.	APPD.	SCALE /		UNIT	mm			RART NO	E5-006	
Anni	Aiwei	Thomas			REF.						
					REM.						

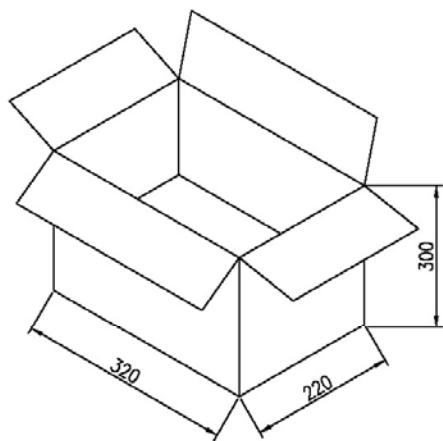
11.PACKING



注:PE袋和汽泡袋不要用胶纸固定



小白盒 500g
外徑寸法 長X寬X高
60×40×65
TOLERANCE:±1
一个小白盒内放一个产品



外箱:(K=K)
成品100PCS 放入
外徑寸法 長X寬X高
320X220X300
TOLERANCE:±3

TOLERANCE					FINISH					
L ≤ 4	±0.05	±0.08	±0.1	±0.2						
4 < L ≤ 20	±0.08	±0.1	±0.2	±0.3	MATERIAL				NAME	PACKING
20 < L ≤ 50	±0.1	±0.15	±0.3	±0.4						
50 < L ≤ 200	±0.15	±0.25	±0.4	±0.6						
200 < L	±0.2	±0.4	±0.5	±0.8						
DEG.	CHKD.	APPD.		UNIT	mm			PART NO.		
			SCALE	REF.						
Anni				DWG NO.						

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

S 50669542 0001

Berichtsnummer Report No.:

CN24K9V8 001

Genehmigungsinhaber License Holder:

QIW Industrial Co.,Ltd.
B1001, No.15-3,
Tantou 1st Village, Songgang Town, Baoan District,
Shenzhen,
518105 Guangdong
P.R. China

Fertigungsstätte Manufacturing Site:

QIW Industrial Co.,Ltd.
West, 4th Floor, Building A7,
Xinghuaxiong Science and Technology
Park, Baihuadong First Industrial Zone,
Guangming New District,
Shenzhen
Guangdong
P.R. China

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

EN IEC 62368-1:2020+A11
EK1 527-12 Rev. 2
EK1 557-13

Geräteidentifikation
Product Identification
Produkt:
Product:

Netzgerät

(FAST CHARGER)

Modell:
Type:

Modelle sind auf nächste(r) Seite(n) gelistet

Type designation(s) are listed on the next page(s)
Technische Daten:
Technical Data:

Nennspannung (Rated Voltage) : AC 100-240V, 50/60Hz

Nennstrom (Rated Current) : 1.5A Max

Schutzklasse (Protection Class) : II

Umgebungstemperatur (Ambient Temperature) : 25°C Max

Höhe (Altitude) : 5000m Max

Ausgang (Output) : Siehe Seite 2 (Refer to page 2)

Gültig bis:
Date of expiry:

2030-03-19

Gültig ab:
Valid from:

2025-03-20

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2025-03-20

Dipl.-Ing. Th. Illing



Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Produkt und Fertigungsstätte erfüllen § 20 des
Produktsicherheitsgesetzes.
*This certificate is based on our Testing and Certification Regulation.
The provisions of §20 Product Safety Act are complied with.*

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

S 50669542 0001

Berichtsnummer *Report No.:*

CN24K9V8 001

Produkt *Product:* Netzgerät
(FAST CHARGER)

Modell *Type:* **Bezeichnung** *Designation:*
1) QIW-65yz, 2) QIW-45yz
y = D, E, kennzeichnet verschiedene Steckertyp.
(means different plug type.)
z = 1, 2, 3, 4; kennzeichnet verschiedene Ausgangsanschlüsse.
(means the different output port type.)

Handelsmarke (Trademark) : QIW

DC Output:

1)z = 1:

USB-C: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 3.25A (65.0W Max).

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 3.0A (63.0W Max).

1)z = 2:

USB-C1/ C2: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 3.25A (65.0W Max.);

USB-C1+USB-C2: 45.0W+20.0W (65.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 3.0A (63.0W Max).

1)z = 3:

USB-C1/ C2: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 3.25A (65.0W Max).;

USB-A: 5.0V 3.0A; 9.0V 3.0A; 12.0V 2.5A;

15.0V 2.0A; 20.0V 1.5A (30.0W Max).;

USB-C1+USB-C2: 45.0W+20.0W (65.0W);

USB-C1+USB-A: 45.0W+18.0W (63.0W);

USB-C2+USB-A: 5.0V 3.0A (15.0W);

USB-C1+(USB-C2+USB-A): 45.0W+ (5.0V 3.0A) (60.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 3.0A (63.0W Max).

1)z = 4:

USB-C: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 3.25A (65.0W Max).;

USB-A: 5.0V 3.0A; 9.0V 3.0A; 12.0V 2.5A;

15.0V 2.0A; 20.0V 1.5A (30.0W Max).;

USB-C+USB-A: 45.0W+18.0W (63.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 3.0A (63.0W Max).

2)z = 1:

USB-C: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A; 15.0V 3.0A; 20.0V 2.25A;

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 2.25A (47.25W Max).

2)z = 2:

USB-C1/ C2: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 2.25A;

USB-C1+USB-C2: 25.0W+20.0W (45.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 2.25A (47.25W Max).

2)z = 3:

USB-C1/ C2: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A;
15.0V 3.0A; 20.0V 2.25A;

USB-A: 5.0V 3.0A; 9.0V 3.0A; 12.0V 2.5A;

15.0V 2.0A; 20.0V 1.5A (30.0W Max).;



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

S 50669542 0001

Berichtsnummer *Report No.:*

CN24K9V8 001

Produkt *Product:* Netzgerät
(FAST CHARGER)

Modell *Type:*
Bezeichnung *Designation:*

USB-C1+USB-C2: 25.0W+20.0W (45.0W);

USB-C1+USB-A: 25.0W+18.0W (43.0W);

USB-C2+USB-A: 5.0V 3.0A (15.0W);

USB-C1+(USB-C2+USB-A): 25.0W+ (5.0V 3.0A) (40.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 2.25A (47.25W Max).

2)z = 4:

USB-C: 5.0V 3.0A; 9.0V 3.0A; 12.0V 3.0A; 15.0V 3.0A; 20.0V 2.25A;

USB-A: 5.0V 3.0A; 9.0V 3.0A; 12.0V 2.5A;

15.0V 2.0A; 20.0V 1.5A (30.0W Max).;

USB-C+USB-A: 25.0W+18.0W (43.0W);

PPS: 5.0-11.0V 4.05A or 5.0-21.0V 2.25A (47.25W Max).

Vermerk: Bei Multiplikation der Ausgangsspannung und des Ausgangsstroms sind Modellbezeichnungen limitiert durch die max. Ausgangsleistung. (Remark: By multiplication of output voltage and output current the type designations are limited through the max. output power.)

Hinweis: Anforderungen der AfPS GS 2019:01 PAK Klausel 3.1 berücksichtigt. (Remark: Requirements of AfPS GS 2019:01 PAK clause 3.1 considered.)

ANLAGE(Appendix) : 1.0



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50669672 0001
Report No.: CN248047 001
Holder: QIW Industrial Co.,Ltd.
B1001, No.15-3,
Tantou 1st Village, Songgang Town, Baoan District,
Shenzhen,
518105 Guangdong
P.R. China
Product: Power Supply
(FAST CHARGER)

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Date: 2025-03-31

Certification Body

Martin Wang



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50669672 0001

Product: Power Supply
(FAST CHARGER)

Identification: Type Designation
QIW-65yz, QIW-45yz
(y = D, E, K; z = 1, 2, 3, 4)
Serial No.: n.a.
Remark: Refer to test report CN248047 001 for details.
Tested acc. to: EN 62368-1:2014+A11



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

Certificate of Conformity

No.: LP24060229C01-02

The following products have been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is demonstrative for the compliance with this EMC Directive.

Applicant : QIW Industrial Co.,Ltd.
Address : B1001, No.15-3, Tantou 1st Village, Songgang Town, Baoan District, Shenzhen City, P.R.China
Product : FAST CHARGER
Model No. : QIW-45yz, QIW-65yz
("y", "z" are variables, see page 4 of the test report for details.)
Trade Mark : **QIW**
Test Standards : EN 55032:2015+A11:2020+A1:2020
EN 55035:2017+A11:2020
EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN 61000-3-3:2013+A1:2019+A2:2021



The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.


Manager: Frank Shen
Date: 2025-2-24

Dongguan Lepont Testing Service Co., Ltd.

Tel.:86-769-83086888 Fax.:86-769-83096886

Room 102, Building 11, No.7, Houjie Science And Technology Avenue, Houjie, Dongguan, Guangdong, China

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab's logo.



Certificate of Conformity

No.: CCI24080681ENR1CER

Reference Report No. : CCI240800681ENR1

Applicant : QIW Industrial Co., Ltd.

Address : B1001, No.15-3, Tantou 1st Village, Songgang Town, Baoan District, Shenzhen City, China

Factory : QIW Industrial Co., Ltd.

Factory Address : B1001, No.15-3, Tantou 1st Village, Songgang Town, Baoan District, Shenzhen City, China

Sample Name : Fast Charger

Model/Item No. : See next page

Test Standards : IEC 62321-3-1: 2013 IEC 62321-7-1:2015
IEC 62321-4: 2013+A1:2017 IEC 62321-7-2:2017
IEC 62321-5: 2013 IEC 62321-8:2017
IEC 62321-6:2015

The submitted sample(s) stated as above has(have) been tested by us with the listed standards and found in conformity with the requirements stated in Directive 2011/65/EU of the European Parliament and of the Council with regard to the restriction of the use of certain hazardous substances in electrical and electronic equipment and its subsequent amendments as well as Commission Delegated Directive (EU) 2015/863. It is possible to use CE marking on the product to demonstrate the conformity with this Directive.

This certification is part of the full test report(s) and should be read in conjunction with it. The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production. Other CE marking directives may be applied, they have not been considered during this RoHS conformity assessment.





Model/Item No.:

QIW-65yz; QIW-45yz ('y' can be W, D, E, K, A, U

'W' means American and Japan Folding plug used

'D' means Replaceable plug used

'E' means European Fixed plug used

'K' means United Kingdom Fixed plug used

'U' means American and Japan Fixed plug used

'A' means Australia Fixed plug used

'z' can be 1, 2, 3, 4 means the different output port type.

'1' for USB-C, '2' for USB-C1 and USB-C2, '3' for USB-C1, USB-C2 and USB-A,

'4' for USB-C and USB-A)



Compliance Control Institute (Guangzhou) Co., Ltd

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou, Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993 Email: cs@ccilab.com.cn

Website: www.ccilab.com.cn