



Wenzhou Safewire Electric Co.,Ltd.

No.152 Xingguang Road, Xingguang industry zone, Liushi town, Yueqing, Wenzhou,China ,325604  
Tel:0086-577-62799688; Email:info@safewirele.com;

[www.safewirele.com](http://www.safewirele.com)

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# SPECIFICATION SHEET

**PRODUCT NAME:** USB charger

**PRODUCT No. :** F1036



ADD: 152 xinguang industrial zone, yueqing city, zhejiang province

(TEL) :0086-577-62799688

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## **USB Characteristic:**

Serial No.	Parameter	Description
1	Panel Material	PC 94-V0
2	Inside material	Tin phosphorous bronze
3	Surface finish	Glossy
4	USB DC output	2.1A/5V
5	Output voltage tolerance	±5%
6	Output power	Max.36W
7	Service life in hours	3000h 10.5W
8	Efficiency	78%
9	No-load power consumption	Max 0.2W
10	Input voltage	100~240v/AC 50~60Hz
11	Color	White RAL9003 Black
12	Number of terminals	2 screw terminals
13	Electrical insulation class	Class II
14	IK degree of protection	IK04
15	IP degree of protection	IP21
16	Dimension of product	45*45mm

## **Environmental requirements**

Serial No.	Parameter	Description
1	Operating temperature	-10℃~+40℃;Operating
2	humidity	20%~90% RH
3	Storage temperature	-20℃~+85℃;storage
4	humidity	10%~95% RH
5	Resistance to pressure	≥3Kv/AC 1min
6	Isolation resistance	500v DC/100MΩ

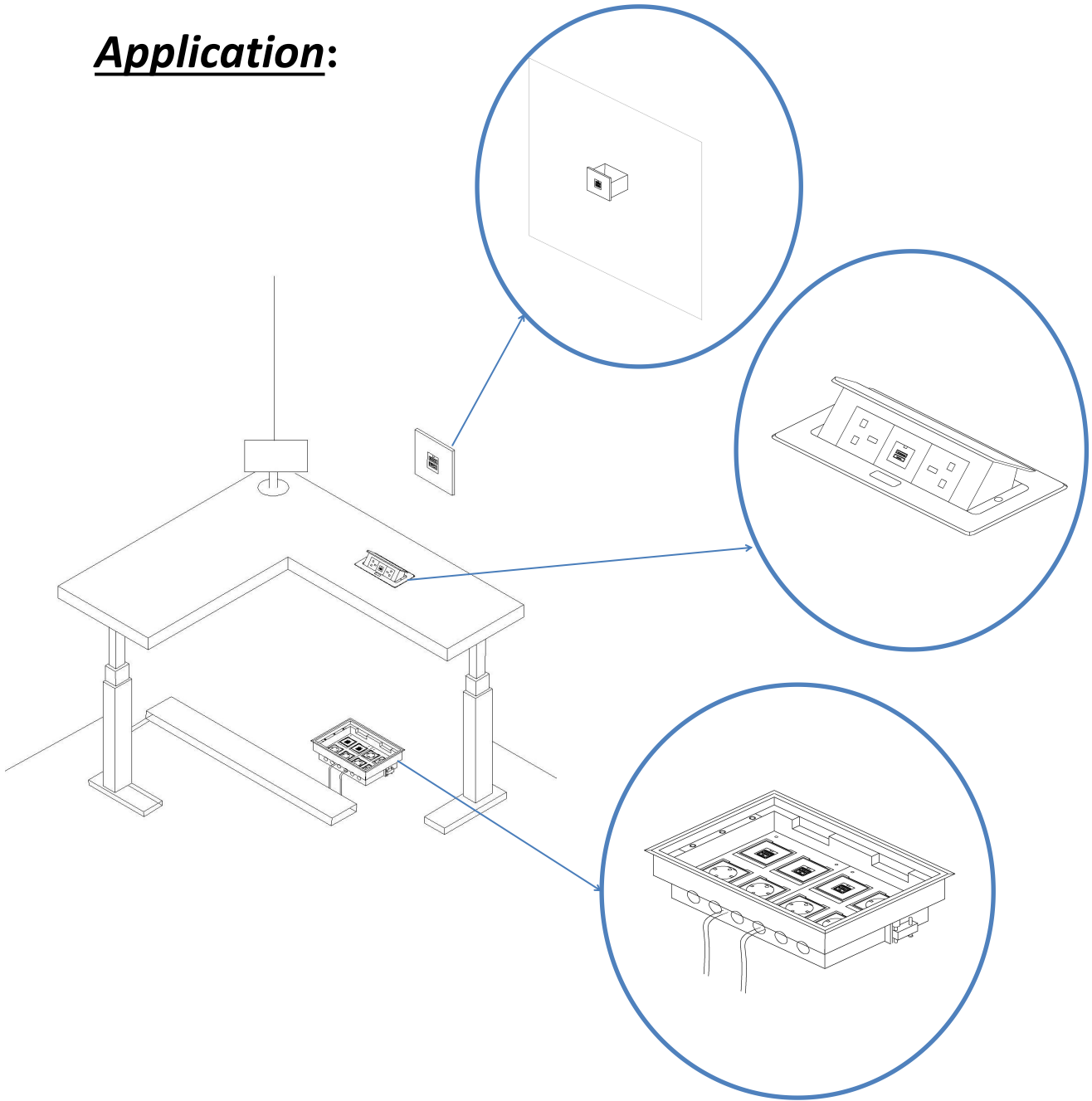


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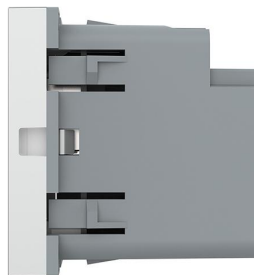
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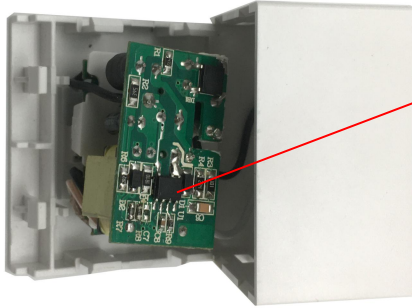
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## Application:



## Feature :



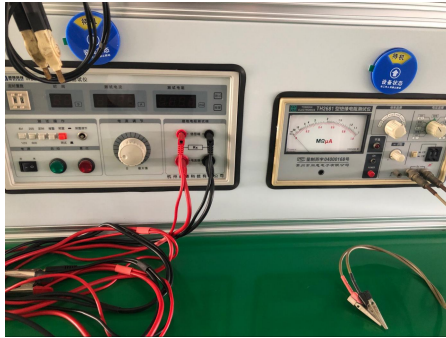


Identificati  
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1.5...2.5mm<sup>2</sup> for stranded cable (s)

1.5...2.5mm<sup>2</sup> for flexible cable (s)

1.5...2.5mm<sup>2</sup> for rigid cable (s)



**insulation resistance tester**



**dielectric strength tester**



**Current tester**

- 1).Dual port USB charger of 2.1A 5VDC;
- 2). Protection type: Short time short-circuit protection;
- 3).With identifying chip: can automatically recognize different mobiles and suit its request charging AMP to meet the charging speed;
- 4) Product be certificated by CE,IEC60950 FOR LVD and IEC55024,IEC61000 for EMC;
- 5). All materials be ROHS directive tested



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Testing Item	Testing Standard	Testing Data
Aging test	USB charger for 2 hours with LED lights must always light	2 hours
	High and low pressure 90V-264V to normal operation	90V-264V normal
Power test	Rated output voltage range: no-load: 5V ±5%, load:5V ±5%	No-load: 4.92-4.95V, load: 5.04-5.1
	Rated output current	5.0V
	Output ripple: load 1A/2.1A, Vpp<200mV	117mV-146mV
	Short circuit protection: output positive and negative short for 2 minutes, after the break to work properly	2 minutes
	Pin output voltage: D-: 2.75VDC/D+:2VDC, subject to actual test value	D-:2.77V/D+:2.763V
Pressure test	Under normal climatic conditions, the input and output terminals should withstand the corresponding voltage(USB-10, 101 series for the 1500V, the other is more than 3000V), Generally every test a minute without breakdown flashing phenomenon was qualified, and leakage ≤5mA.	3000V 0.68mA-0.69mA
Insulation resistance test	In the normal temperature environment, AC input plug and DC input plug between the input DC500V, 1 minute after the insulation resistance of 7 trillion or more	∞
Grounding resistance	In any case the resistance shall not exceed 100m Ω	
Temperature rise test	At room temperature 30 ℃rated work, the charger rated for 2 h after the measurement of its shell surface temperature change <1 ℃/ h that the temperature is stable, this time measuring the surface temperature of its shell <50 ℃	Pass
Limit load	Test the product load current limit can run the load value	pass

Package:10 Pcs inner box into a master carton.Poly bag with box packing.

SafeWire

Package solution






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**C E R T I F I C A T E**  
of Conformity  
EC Council Directive 2014/30/EU  
Electromagnetic Compatibility

**Registration No.:** AE 50442290 0001

**Report No.:** 50273645 001

**Holder:** Zhejiang New-epoch Communication Industry Co., Ltd.  
Develop Road, Wengyang Industry Zone, Yueqing, Zhejiang 325606  
P. R. China

**Product:** Power Supply  
(USB Module )


**Identification:** Type Designation: XJY-USB-27-I-A/A XJY-USB-27-A/A  
XJY-USB-27-I-A/C XJY-USB-27-A/C  
XJY-USB-26-A/A XJY-USB-26-A/C

Serial No.: n.a.  
Remark: Refer to test report 50273645 001 for details.

**Tested acc. to:** EN 55032:2015  
EN 55024:2010+A1  
EN 61000-3-2:2014  
EN 61000-3-3:2013

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the 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 the a.m. Directive.

Date 22.08.2019

  
 Certification Body  
 TÜV Rheinland  
 James  
 Prüfungsstelle

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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



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***F1020 Outline drawing:***



**4.Safety Warning:**

1. For indoor use only.
- 2.This product must be installed/wired by a qualified electrician.

**5.Attentions:**

- 1.Protect children from touch skirt of USB port.
- 2.Ensure current and voltage as rating current/voltage .Do not overload
3. Prevent from corrosive liquid, gas (strong acid, strong alkali, paint)and humidity.