



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

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SPECIFICATION SHEET

PRODUCT NAME: USB charger

PRODUCT No. : SF-86-USB-27



SF-86-USB-27

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

(TEL) :0086-577-62799688

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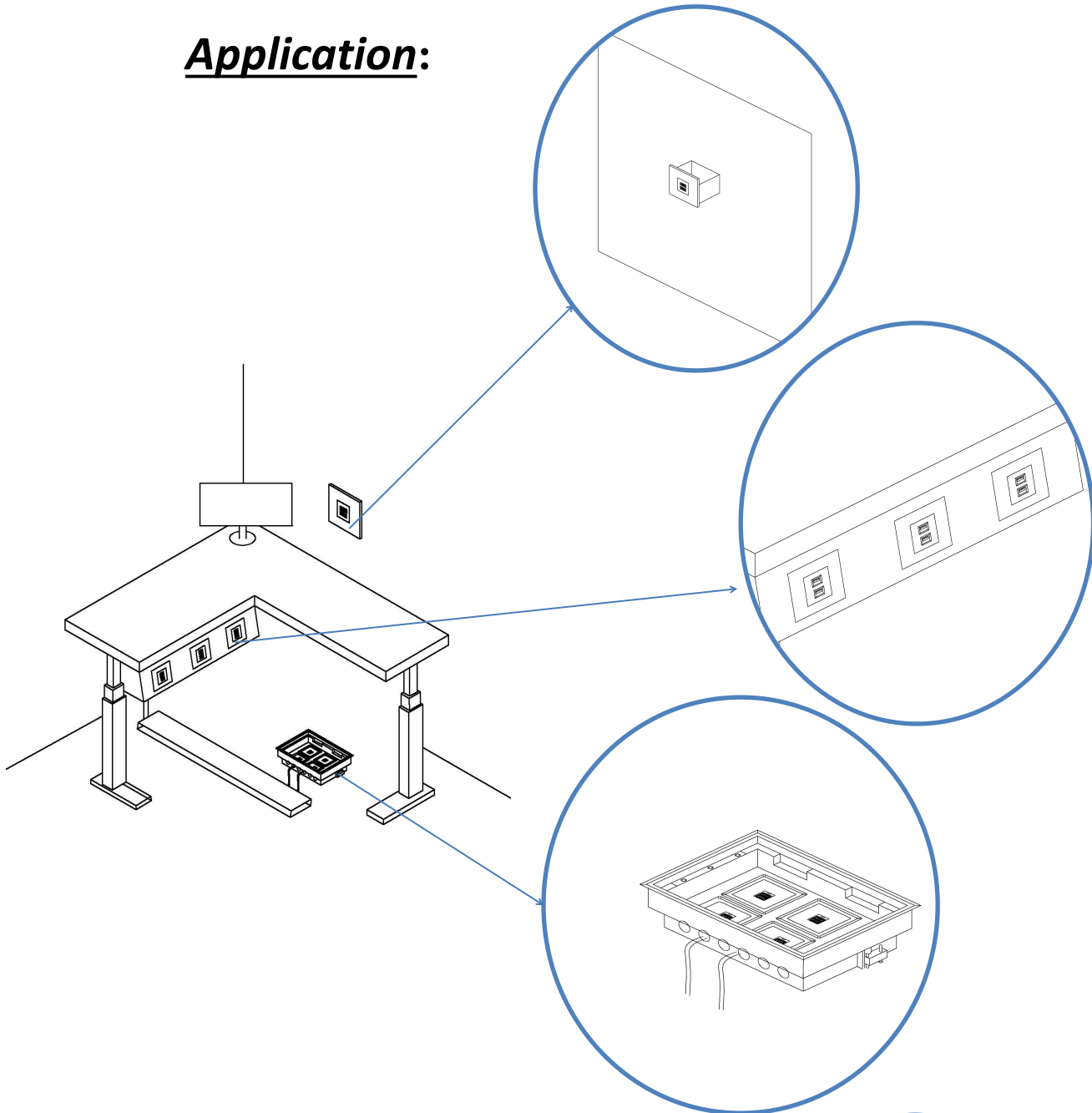
USB Characteristic:

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.10.5W
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	86*86mm
17	USB Type	Type A & Type C

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

Application:



Feature :



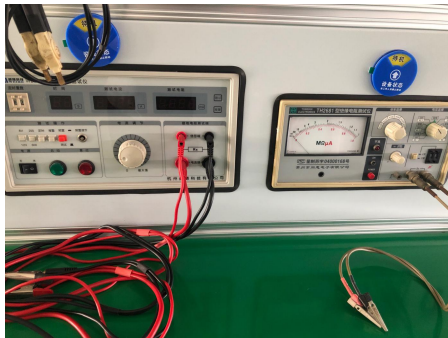


Identification of
the chip

1.5...2.5mm² for stranded cable (s)

1.5...2.5mm² for flexible cable (s)

1.5...2.5mm² 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: $5V \pm 5\%$, load: $5V \pm 5\%$	No-load: 4.92-4.95V, load: 5.04-5.1
	Rated output current	5.0V
	Output ripple: load 1A/2.1A, $V_{pp} < 200mV$	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 $\leq 5mA$.	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 $^{\circ}C$ rated work, the charger rated for 2 h after the measurement of its shell surface temperature change $< 1^{\circ}C / h$ that the temperature is stable, this time measuring the surface temperature of its shell $< 50^{\circ}C$	Pass
Limit load	Test the product load current limit can run the load value	pass

Product show



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



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.