

Product recognition

product name	wireless charger
Type products	BQ1
Products make up no	

customer confirmation:

version number	date	tabulation	investigate	ratify
V1.0	2018.8.6			

catalog

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1 overview

This specification describes the range of wireless charging and transmitting applications produced by shenzhen meishiqi technology co., LTD, technological standard, Electrical Characteristics, Main material, The main ingredient in, dimensions, Testing standards and other related items。 This specification can be used as the quality inspection standard and basis of this product。

2 product function

2.1 W23 The wireless charging source board provides power to the built-in circuit through MICRO interface input。

2.2 Working through the built-in conversion circuit through the wireless transmitter coil output, It

can provide power for Qi wireless charging mobile phones and other devices that support Qi wireless charging.

2.3 operating mode: When the launch pad is output normally, the green indicator is long and bright.

2.4 standby mode: When the launcher is in standby mode without load, red indicates long brightness.

2.5 Exception Modes: The launch pad is working abnormally, If metal is placed on the transmitting coil or an incompatible receiving object, The red indicator is flashing continuously.

2.6 instructions

Plug the power cord into the MICRO input terminal on the wireless transmitter board, Stack the receiver of a mobile phone that supports wireless charging in the position of the transmitter coil, The indicator light on the transmitting panel shows that the green light is on for a long time, which is the normal charging state.

(Adjust the best position to charge more quickly)

2.7 defensive function

Red indicator light flashes when metal objects are placed or incompatible receiving objects on the transmitting coil. At the same time, the output conversion is stopped, and the normal standby state is restored after the foreign body is removed, Normal output works when the correct receiver is placed.

3 Product appearance and technology

NO	item	test method	Inspection standard/process
3.1	product appearance	visual	The appearance of the product shall meet the following requirements: Reasonable wiring, Element arrangement, No oxidation of welding disc and welding point, achromatism, Overall appearance clean without stain, Does not affect its commercial value
3.2	product process	welding requirements	Eyeball, or use a magnifying
			The soldering point is smooth and full, weld firmly, There is no false welding, No virtual welding.

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		glass	
	Enclosure Material		<input checked="" type="checkbox"/> Glass fiber double <input type="checkbox"/> Glass fiber layer <input type="checkbox"/> Ordinary single-layer <input type="checkbox"/> other
	PCB technological coating		<input checked="" type="checkbox"/> Solder Coating
	welding technology		<input checked="" type="checkbox"/> Environmental protection welding <input type="checkbox"/> NO Environmental protection welding

4 Product electrical performance parameters

NO.	item	symbol	test method	inspection standard			unit	
				Max	median	min		
Parameter								
4.1	Efficiency	0.5A out	η	input voltage 5V		72		%
		1A out	η			70		%
4.2	Static current	No load consumes current	I _{PWN}	The system is idle		55		mA
4.3	incoming current	USB charge current	I _{IN}		1500	1200		mA
4.4	output current	The receiver outputs a current	I _{OUT2}		1050	1000		mA
4.5	output voltage	Receiving end output voltage	V _{OUT}		5.10	4.95	4.85	V
4.6	output voltage	floating voltage	V _{OUT}		5.20	5.10	4.95	V
4.7	Operating temperature	output rating	°C	environment temperature 25°C	65	50		°C
4.8	NTC protected thermo	ambient temperature 25°C	°C		70	65		°C

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After temperature detection and protection, the red light flickers continuously and returns to normal operation after the temperature decreases.

5 product appearance:



FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator your body: Use only the supplied antenna.