

BASE SPECIFICATION

No.	Electrical Design Item	Requirement
1	Input Method	Micro-USB, 5V/1.5A
2	Wireless Charger Method	Qi Certified BPP
3	Wireless Charging Frequency	From 110KHz to 205KHz
4	Coil	A11
5	Foreign Object Detection	<p>Method:</p> <ol style="list-style-type: none"> 1. Power loss judgement 2. Special Method at Ping Phase <p>Metal can be recognized: 1 RMB Coin, 50 Cents Coin, 10 Cents Coin</p>
6	Charging Freedom	<p>Ping Area:</p> <p>X Axis: 8mm Y Axis: 8mm Z Axis: 6mm</p> <p>Charging Area;</p> <p>X Axis: 10mm Y Axis: 7mm Z Axis: 6mm</p> <p>Notes: Z Axis means coil to Cell phone surface</p>
7	Recognition Time	<1s
8	Standby Power	75 mW
9	Charging Efficiency	81%@5W@5Vin/5Vout
10	Temperature Rising	11°C
11	Over Voltage Protection	7V
12	Over Temperature Protection	<p>Protection Temperature: 65°C</p> <p>Recovery Temperature: 40°C</p>
13	Input Over Current Protection	2.16A
14	Dynamic Power Limit (Minimum Input Voltage Control)	4.2V
15	Acoustic	N/A
16	LED Behavior	<p>FOD/Error: LED1 Blink Slow, LED2 OFF</p> <p>Standby: LED1 ON, LED2 OFF;</p> <p>Transfer: LED1 OFF, LED2 ON;</p> <p>DPL: LED1 Blink Slow, LED2 ON;</p> <p>Complete: LED1 ON, LED2 ON;</p>
17	EMI Test	<p>CE Line Margin: > 6dB</p> <p>CE Neural Margin: > 6dB</p>