

Features

- WPC Qi V1.2.4 certified, compatible with all Qi enabled devices.
- Wireless fast charge to Apple iPhones and Samsung phones.
- Micro USB Seat, various LED indicators.
- Swivel ball head provides 360° rotations to any angle.
- Adjustable cradle to charge various size phones.
- Flexible soft rubber arm lock, one hand insert in your phone and protect it from any scratch.



Input Characteristics

- Input Voltage & Frequency

Item	Minimum	Normal	Maximum
Input Voltage	4.75VDC	9.0VDC	9.5VDC

Charging Mode	Qi 5W	Qi 10W	Samsung Fast Charger	iPhone Fast Charger
Frequency	110 ~ 205 kHz			127.7kHz ± 0.4kHz

- Input Current

1.65A max. @ 5.0VDC	Full load
1.75A max. @ 9.0VDC	Full load
- Rush Current (cold)

2.00A max. @ 5.0VDC	Full load & Ambient temperature 25°C
2.00A max. @ 9.0VDC	Full load & Ambient temperature 25°C
- Energy Consumption ≤ 0.625W

Output Characteristics

- Output Mode at the Receiving End

TX Input Voltage (QC3.0)	Charging Mode (RX)			
	Qi 5W	Qi 10W	Samsung Fast Charger	iPhone Fast Charger
5.0VDC	V			
9.0VDC	V	V	V	V

Protection Requirement

- Short Circuit Protection
When the output of RX is short-circuited, the input power should decrease or stop supplying so that the power supply will not be damaged. And it should automatically recover when the fault is resolved.
- Over Current Protection (OCP)
OCP Point Limited : 120%~130% auto restart
When the output at the receiving end exceeds the OCP point, the current output should stop immediately; and restored when the fault is resolved.

Reliability Requirements

- Reliability Test

Test items	Test conditions
Storage at high temperature test	+60°C, 16hours
Storage at low temperature test	-20°C, 16hours
Operating at high temperature test	+40°C, 8hours
Operating at low temperature test	-20°C, 8hours
High / Low temperature cycle test	+40°C (2Hrs) → -20°C (2Hrs) → +40°C (2Hrs) → -20°C (2Hrs) continually work 24hours

- Burn-in : 2 hours under +35°C (±5°C), nominal input voltage, nominal load.

Environment Requirement

- Operating Temperature and Relative Humidity
0°C to +40°C, 20%RH to 80%RH @ altitude shall be below 10000 feet.
- Storage Temperature and Relative Humidity
-20°C to +60°C, 10%RH to 90%RH (non-condensing) @ altitude shall be below 30000 feet.

Execution Standards (Compatible with these specifications)

- EMC Standards

EN55032	EN55024	FCC-Part15
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Indicator Light

- Power In : Purple LED On for 0.5S
- Charging : Pulsing Blue LED
- Charge Complete : Red & Blue LED Off
- Under Voltage Input : Blinking Blue LED
- Abnormal : Red LED On
- FOD : Blinking Red LED

Others

- Size : Charging pad 112 * 101 * 36mm
Sucker stand Φ 75 * 140mm
- Weight : 182g ± 2g
- Please use the correct rated AC adapter to ensure the normal function.
- The car mount come with a sucker stand or a small clip.