

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 |
|---------|---------|------------|

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.