

QPCM-1085 Wireless Charging Car Mount

wireless Charging Car Moun

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 Full load & Ambient temperature 25°C Full load & Ambient temperature 25°C

• Energy Consumption ≤ 0.625W

Output Characteristics

• Output Mode at the Receiving End

TX Input	Charging Mode (RX)			
Voltage (QC3.0)	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.

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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) \rightarrow -20°C (2Hrs) \rightarrow +40°C (2Hrs) \rightarrow -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

I	EN55032	EN55024	FCC-Part15
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Indicator Light

Power In : Purple LED On for 0.5SCharging : Pulsing Blue LED

Charge Complete : Red & Blue LED OffUnder Voltage Input : Blinking Blue LED

Abnormal : Red LED OnFOD : Blinking Red LED

Others

Size : Charging pad 112 * 101 * 36mm
 Sucker stand Φ75 * 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.

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