Fuel The Digital World

# QPP-1042
## Wireless Charging Pad

## Features



- WPC Qi 1.2.3 certified 15W wireless charging pad, compatible with all Qi RX devices.
- DC4.0 Jack. Support 15W output, faster than standard wireless charger to shorten the charging time.
- Wireless fast charge to Samsung S8, S8 edge, S7, S7 edge, S6 edge+, Note5.
- Wireless charge to iPhone X, iPhone 8 plus, iPhone 8, Samsung S6 ,S6 edge and work with any other Qi certified devices.
- Invisibly integrated into new furniture or easily built in to existing furniture, table and public facilities by drilling from top or bottom of the surface.

## Input Characteristics

- Input Voltage & Frequency

| Item | Minimum | Normal | Maximum |
|---|---|---|---|
| Input Voltage | 11.4VDC | 12VDC | 12.6VDC |

- Input Current

  1.7A Max. @ 12VDC  Full load

- No-Load Input Power Consumption

  At 12VDC, average standby power consumpion ≤ 0.48W.

## Output Characteristics

The maximum output power of the wireless charging ≥ 15W

## Protection Requirement

Over Current Protection (OCP) : Input current 1.8~1.9A.

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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 | +45°C (2Hrs) → -20°C (2Hrs) → +45°C (2Hrs) → -20°C (2Hrs) continually work 24hours |

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

## Execution Standards (Compatible with these specifications)

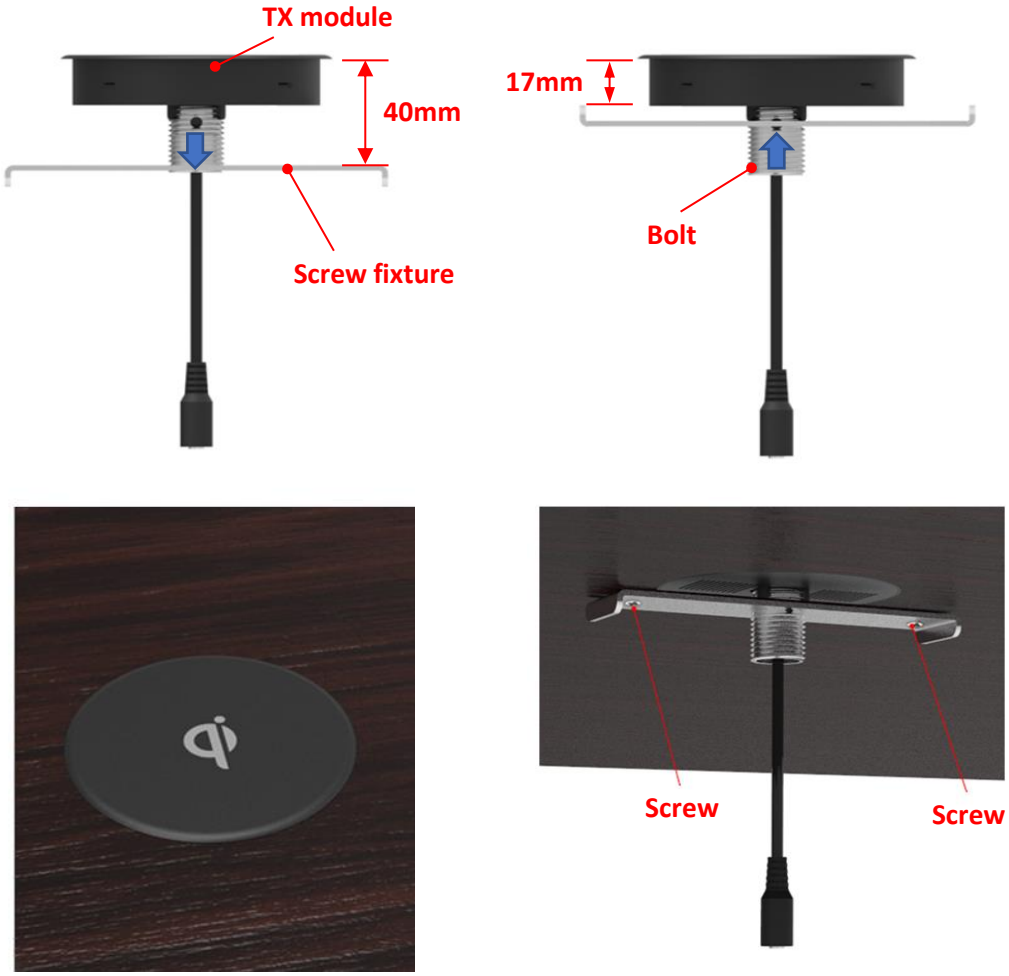
- EMC Standards

| | | |
|---|---|---|
| EN55022 | EN55024 | FCC-Part15 |

## Environment Requirement

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

## Installation Method




**Note:**

(1) Screw fixture design enable you to secure the TX module to a range of work top thickness (17mm~40mm).
(2) Fits the TX module into the hole in work surface from top.
(3) Fits the screw fixture to a range of desk thickness and fix it with the screws.

## Others

- Size : Φ92 * 44 mm
- Weight : 144 ± 3 g
- Please use the correct AC Adapter, to ensure the normal function.

# Contact details

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