

Automotive Charging Solution

- General

Wieson Charging Solutions are designed for mobile phone or tablet in vehicle.

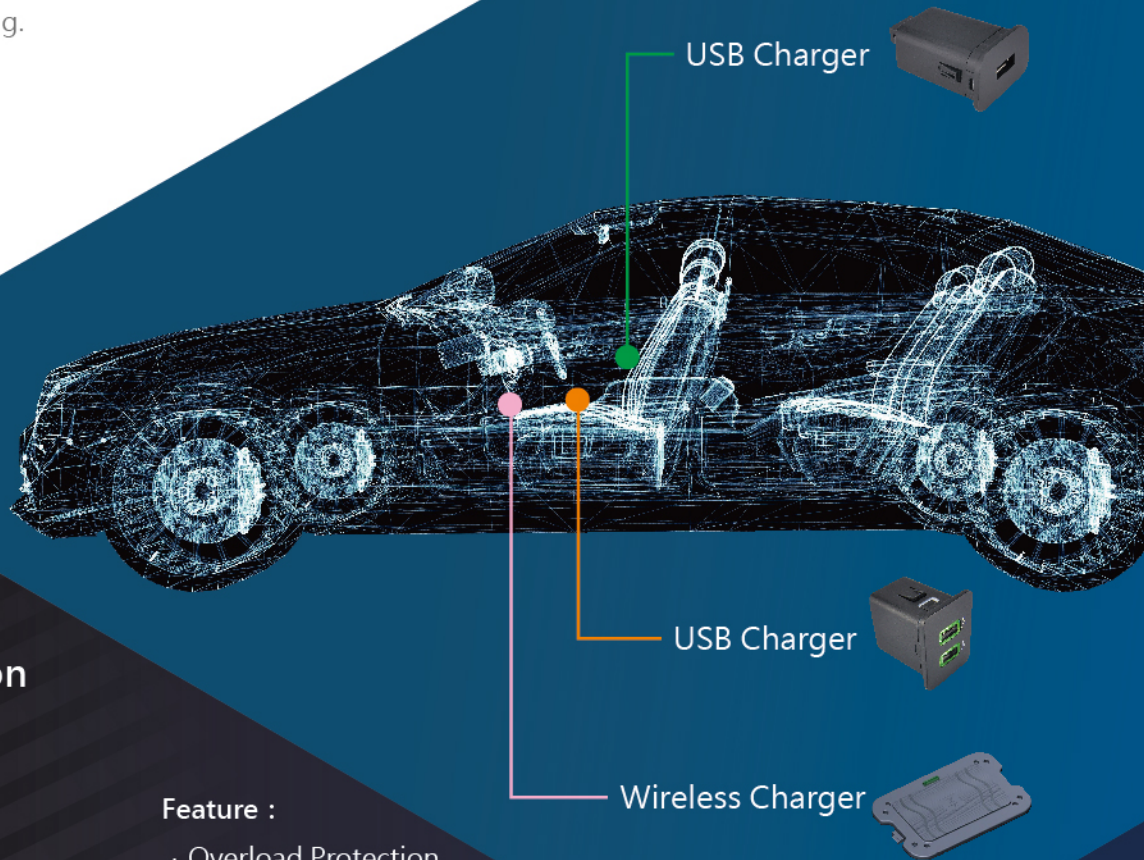
The charging solution is including the individual power system and controller.

It can prevent the unstable voltage/ pulse to the damage for device.

The charging solutions can identify the device with high efficiency charging mode and support various of mobile phones.

It is idea for vehicle/ home using.

- Applications -



- USB Charger Solution

QC 2.0 + BC 1.2 Series

Specification :

- Input Voltage : DC 12V
- Input Voltage Range : DC 9V ~ 16V
- Output Voltage : DC 5V ± 0.2V
- Output Current : 2.1 A
- Interface : USB Type A
- Working Temperature : -40 °C ~ 85 °C
- Storage Temperature : -40 °C ~ 90 °C

Feature :

- Overload Protection
- Short Circuit Protection
- Over Temperature Protection
- Reverse Protection
- Type : Single Port, Dual Port, Separate Port
- Location LED Indicator
- Audio and Video Transmission
- Charging LED Indicator : Charging, Charging Finished



- USB Charger Solution

QC 4.0 Plus + PD 3.0 Series

Specification :

- Input Voltage : DC 12V
- Input Voltage Range : DC 9V ~ 16V
- Output Voltage : DC 5V \pm 0.2V(Type A)
DC 3V~15V (Type C)
- Output Current : 2A/5V (Type A)
2.5A/3~7V, 1.5A/7~12V,
1.2A/12~15V(Type C)
- Interface : USB Type C \ Type A
- Working Temperature : -40 °C ~ 85 °C
- Storage Temperature : -40 °C ~ 90 °C

Feature :

- Support QC4.0 Plus, QC3.0, QC2.0, PD3.0, PPS
- Support Apple Charging
- Overload Protection
- Short Circuit Protection
- Over Temperature Protection
- Reverse Protection
- Type : Dual Port



Dual Port
USB Charger



Single Port
USB Charger



Dual Port USB Charger
With data transmission and
charging status LED indicator



Dual Port USB Charger
QC4.0Plus+PD3.0 with
location indicator

- Wireless Charger Solution

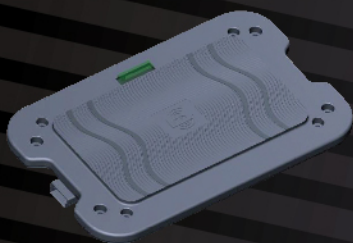
WPC Series

Specification :

- Input Voltage: DC 12V
- Input Voltage Range: DC 9V ~ 16V
- Output Power: 15 W (Max)
- Working Temperature: -40 °C ~ 85 °C
- Storage Temperature: -40 °C ~ 90 °C
- Frequency: 130KHz
- Power Consumption: 0.125W (MIN) IN 12V

Feature :

- Product Comply with Qi WPC 1.2
- Three Coils
- Output Power 15W (MAX)
- Overload Protection
- Short Circuit Protection
- Over Temperature Protection
- Reverse Protection
- High Working Efficiency 85% (MAX)
- PMOD (Parasitic Metal Object Detection)
- FOD : Foreign Objection Detection
- Auto Multi-Coil module detection
- Wireless Charging Status Display in IVI via CAN Bus



15W, Three Coils Wireless Charger