

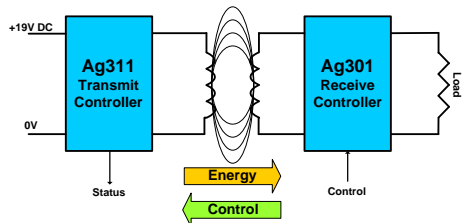
- **Ag311 Qi compatible, compact, low profile power transmitter module**
- **Module size: 33mm x 29mm**
- **Input Voltage 19V DC**
- **Up to 5 Watts Output Power**
- **Automatic Qi compatible receiver & foreign object detection**
- **Overload & short-circuit protection**
- **Low standby power consumption**
- **Only a transmitter coil required**
- **Controller IC is available in high Volumes**

Silvertel's Ag300 series is a new Qi compatible wireless power module set. Qi is the leading standard for inductive wireless power transfer. Ag300 modules facilitate simple, fast design of Qi Wireless Charging products, typically used in portable devices. This solution delivers all the benefits of wireless power, including improved safety, with no cables or exposed contacts, in two complementary, easy to integrate modules.

Full safety and control features are built in to both the Receive (Ag301) and Transmit (Ag311 19V input or Ag312 5V input) modules respectively. They are an ideal solution for medical, industrial, scientific or commercial applications requiring a robust wireless charging design. The Ag311 is a small footprint, highly optimised 19V input transmitter power solution, perfect for any number of applications.

The module provides a controlled supply of power to any Qi compatible receiver. Non-Qi devices will not activate the modules transmit power feature. Overload and short-circuit protection are built-in. Full evaluation kits are available for all modules. The Ag311 transmitter module requires just a 19V DC regulated input voltage to drive it.

Wireless power is perfect for hazardous or dirty environments where frequent maintenance is an issue. Standards based charging removes the need for device specific power supplies. The module is designed for simple integration, requiring the addition of just a standard Qi coil.



Ag300 Series Solution overview