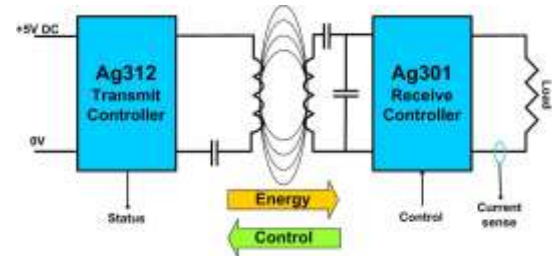


Ag300 Series

High Power and Qi compatible Wireless Power Receiver and Transmitter Modules

- 5 and 15 Watts Wireless Power Transfer module sets
- Small and compact, low profile modules
- Qi compatibility of Transmit & Receive power modules
- Automatic receiver identification
- Safety features: Overload, short-circuit protection and foreign object detection
- Low standby power consumption
- No external components required



Ag300 Series Solution Tx/Rx overview

Silvertel's Ag300 modules are a new easy to implement set of modules for wireless power transfer. Ag300 modules allow simple, fast design of higher power 15W or Qi compatible 5W Wireless Charging products, typically used in portable devices. The solution delivers all the benefits of wireless power, including improved safety and reliability, with no cables or exposed contacts, in two complementary and easy to integrate module sets. Full safety and control features are built in to both the Receive and Transmit modules respectively. The modules provide a low profile, small footprint, highly optimised solution perfect for any number of applications. The module is designed for simple integration, requiring the addition of just a compatible coil. (See datasheets for recommended options). The complete available range is detailed in the table below.

Part Number	Module type	Voltage	Current	Module Size
Ag301	Qi Receiver	5V output	1A	31mm x 22mm x 4mm
Ag311	Qi Transmitter	19V supply	400mA	33mm x 28mm x 5mm
Ag312	Qi Transmitter	5V supply	1.5A	33mm x 29mm x 5mm
Ag320R	15W Receiver	12V output	1.3A Max	13mm x 28mm x 6mm
Ag320T	15W Transmitter	12V supply	2A	20mm x 32mm x 7mm