



Mid Range

Wireless Charging Solutions

Solution Description

Mid-Range Wireless Charging Platform

provides 5-50W of power to a distance of up to a few centimeters.

This platform enables a wide variety of applications in which transfer of energy over a distance, or through thick medium (such as walls or glass) is required. The platform is a self calibrating systems which supports a wide range of installation scenarios in which distance between receiver and transmitter may vary significantly.

Feature Highlights

- Tunable output power **5-50W**
- Tunable output voltage **5-30V**
- Standard coil design supports a Z distance of **8-30mm**
- **Larger distances such as through a wall (100mm)** may be supported with a larger coil topology
- **Flexible 'coil to coil' distance with dynamic and automatic calibration**

Supported applications

- Outdoor/indoor cameras
- 5G repeaters
- Screens and displays
- Outdoor lighting
- Sensors & IoT applications
- Industrial, & defense applications

About Powermat

Powermat is the wireless charging pioneer and leader, provider of the largest wireless charging ecosystem in the world, and the forefront of inductive wireless charging technology development. Powermat enables OEM providers to offer wireless charging to their customers. Owning the Intellectual Property of essential elements in induction wireless charging, Powermat develops technology that is future-proof and adaptive for the automotive market.

For more information : sales@powermat.com
or visit our website www.powermat.com

