

powermat®

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.

The platform enables a wide variety of applications in which transfer of energy over a distance or through thick glass or wall is required. The platform is a self-calibrating system which supports a wide range of installation scenarios on which distance between receiver and transmitter may vary significantly.

Based on Qi® Extended Power Protocol the Power-Book transmitter enables both Notebook and

Feature Highlights

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

Supported Application:

- Outdoor/indoor camera
- Sensors & IOT
- 5G repeaters
- Industrial & defense

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. With over than 130 granted patents, Powermat enables OEM providers to offer wireless charging to their customers. Powermat provides high quality, cost effective solution for the Automotive, Laptops, Wearables, Gaming, Security, 5G communication and many other industries.

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