SMART UNIVERSAL POWER ANTENNAS FOR WIRELESS ENERGY TRANSMISSION



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The WiTech GmbH brings the SUPA technology into the market as the WiTech system. | www.witech-power.com

Photo acknowledgments: Fraunhofer ENAS All information contained in this datasheet is preliminary and subject to change. Furthermore, the described system is not a commercial product.



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Principle and Integration

- Based on the principle of electric induction
- System consists of transmitter and receiver unit
- Invisible integration in interior
- Antennas are panelized to cover the whole surface size as one transmitter antenna array
- Receiver device can be positioned at any place on the interior surface
- Working range for transference is minimized to keep the radiation level low and to optimize safety of interception of data networks
- Electric modules are fabricated on up to 125 µm thin substrate material

Technical Data

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- Efficiency of 70 per cent and higher
- Working range up to 5 cm
- Power transmission up to 40 W (aim at 70 W)



