

COMPANY NEWS

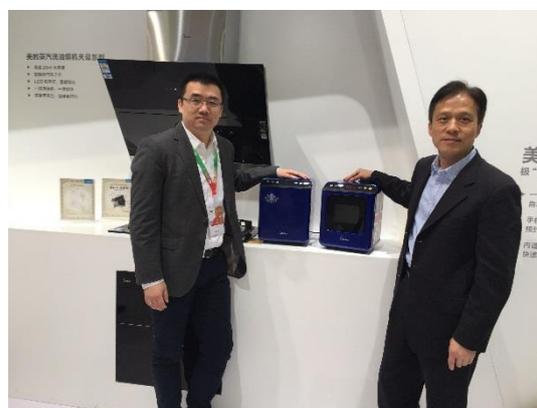
Reference: APN008
Date: March 21, 2016

Ampleon and Midea collaboration results in world's first solid state oven

Nijmegen, The Netherlands – March 21, 2016 - Ampleon and Midea, a leading global consumer appliance manufacturer, today announced the results of a yearlong joint collaboration into the use of solid state technology for compact oven design. This initiative has resulted in Midea launching what is believed to be the world's first commercially available solid state RF energy oven. By addressing the technical challenges associated with designing a small cavity appliance with a single antenna, Midea has created a 200 Watt table top oven that achieves homogenous cooking. The oven can be powered either from a main power source or, for portable use, from a 24 VDC battery. Midea and Ampleon jointly developed the electronics and power amplifier stages while Midea focused on the overall product design.



Mr Pinglu Chen, Head of Sales Asia and Country Manager Greater China, Ampleon, comments, "The major benefit to adopting a solid state approach to cooking is that it yields a more uniform cooking experience by allowing total control over output power, frequency and phase, something that is impossible with a magnetron. Embracing this concept is as significant as the move from analogue to digital television. Our collaboration with Midea typifies our efforts to partner with leading global brands to deliver not only new technologies but to build an ecosystem across the white goods value chain. We are extremely pleased to have worked with them to develop the world's first commercially available compact oven."



Designed for space constrained kitchens or for portable food-on-the-go applications the oven is the first result of the on-going collaboration between the two companies.

Alan Luan, Director of Midea Kitchen Appliances Division Innovation Center, says, "The microwave heating and cooking industry is likely to be influenced by semiconductor microwave technology in the future. Midea, as a leader of the microwave heating industry, will continue to pay close attention and invest to improve people's lives with innovative technology."

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Photo caption:

Standing next to the Midea oven, Mr Alan Luan, Director of Midea Kitchen Appliances Division Innovation Center (on left) and Mr Pinglu Chen, Head of Sales Asia and Country Manager Greater China, Ampleon (on right)

For further information and reader enquiries:

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About Ampleon:

Created in 2015, Ampleon is shaped by 50 years of RF power leadership. Recently being spun-off from NXP Semiconductors, the company is set to exploit the full potential of data and energy transfer in RF. Ampleon has more than 1,250 employees worldwide, dedicated to creating optimal value for customers. Its innovative, yet consistent portfolio offers products and solutions for a wide range of applications, such as cellular base stations, radio/TV/broadcasting, radar, air traffic control, cooking, lighting, industrial lasers and medical. For details on the leading global partner in RF Power, visit www.ampleon.com