

## PRESS RELEASE

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### **Direct Grid Unveils New Solar Micro-Inverter Products for Global Residential/Commercial PV Applications** *State-of-the-Art, Scalable Solutions*

**Anaheim, California – October 27, 2009.** Direct Grid Technologies, LLC, unveiled two new solar micro-inverter products for residential and commercial photovoltaic (PV) applications, the company announced today at *Solar Power International*.

“Our initial products feature the OEM and SMART DGA Series micro-inverters for thin-film PV manufacturers and original equipment manufacturers interested in offering turnkey systems,” said Frank Cooper, president of Direct Grid Technologies, Edgewood, New York. “Our innovative closed loop MOSFET planar micro-inverter design -- which is patent pending -- offers an unprecedented 360 watts of power. Our products have a low packaging profile for direct rear-PV panel mounting and low thermal emission that produce significantly less heat than other micro-inverters on the market. These design features equate to reduced component stress and result in highly reliable and efficient micro-inverters.”

The OEM 200 and 300 DGA Series consist of a stand-alone unit that incorporates state-of-the-art technology and inverts PV DC voltage to AC, enabling a maximum of 240- or 360-watt power generation for direct grid-tied applications. Additional features include self-tuning maximum power point tracking (MPPT), auto-frequency detect and sync, and anti-islanding safeguards in the event of power outages or emergencies.

The SMART 200 and 300 DGA Series incorporate additional Echelon communication functionality to enable theft deterrence and remote PV monitoring via a separate access node gateway module and web-based user interface.

“Direct Grid’s products are intuitive, offering simple direct panel mounting, color-coded parallel wiring and easy-join Multi-Contact connectors. For end-users, our micro-inverter solutions offer scalable freedom, allowing customers the ability to choose how many panels they wish to deploy. It makes a solar solution more affordable for people who want to be more green,” said Cooper.

Direct Grid will manufacture both the OEM and SMART series from its new Edgewood headquarters. The company anticipates first product shipments to occur in the fourth quarter 2009.

***Direct Grid Technologies, a wholly-owned subsidiary of Island Technology, designs and manufactures innovative, cost effective residential and commercial solutions for the smart grid and photovoltaic micro-inverter markets. More information at [www.directgrid.com](http://www.directgrid.com).***

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