



## *News Release*

### **CyboEnergy Demonstrates Off-Grid CyboInverter, the World's First Off-Grid Solar Power Mini-Inverter, at Intersolar NA**

July 9, 2013 – CyboEnergy, a subsidiary of CyboSoft, General Cybernation Group Inc., (Rancho Cordova, CA), announced today that it is demonstrating the off-grid CyboInverter, the world's first off-grid solar power Mini-Inverter at Intersolar North America in San Francisco on July 9-11, 2013.

CyboInverter is a patent-pending solar power Mini-Inverter possessing the key merits of both central inverters and microinverters. Each 4-channel CyboInverter can connect to four solar panels and generate up to 960W AC power. Each CyboInverter's input channel has its own control and maximum power point tracking (MPPT) mechanism based on CyboSoft's Model-Free Adaptive (MFA) control technology so that power production is maximized and the partial shading problem is eliminated. As shown in the picture, CyboEnergy is offering a standalone off-grid CyboInverter where the AC cable can connect to an off-grid AC circuit and power AC loads such as fans, lights, TVs, computers, etc.



(Download a high-resolution picture at [www.cyboenergy.com](http://www.cyboenergy.com))



CyboEnergy CEO Dr. George Cheng said, “The off-grid CyboInverters are designed for those markets where consistent grid electricity is not available. For those people who need reliable electricity in their daily life, the off-grid CyboInverter offers a cost-effective solution to allow them to capture and enjoy the solar energy readily available.”

CyboEnergy has designed the following off-grid CyboInverter models to serve the world markets based on electrical standards:

1. CyboInverter (CI-Mini-1000T) is an off-grid Mini-Inverter to produce 230V, 50Hz, up to 960W AC for India and Africa market.
2. CyboInverter (CI-Mini-1000Y) is an off-grid Mini-Inverter to produce 240V, 60Hz, up to 960W AC for America market.
3. CyboInverter (CI-Mini-1000S) is an off-grid Mini-Inverter to produce 220V, 50Hz, up to 960W AC for Asia market.

In Booth 8139 at Intersolar, CyboEnergy is running an off-grid solar power system demo, where the AC load can be changed by switching on and off a group of lights. The CyboInverter can quickly ramp up and down its power to accommodate the changes.

For more information and to see the product demonstrations, please visit the CyboEnergy booth 8139 at Intersolar on the second level at Moscone West Convention Center, in San Francisco on July 9-11, 2013.

### **About CyboEnergy and CyboSoft**

CyboEnergy is a subsidiary of CyboSoft, General Cybernation Group Inc., focusing on the development, manufacturing, marketing, and services of the product lines in the energy and clean energy field. Founded in 1994, CyboSoft is the leader in control technology serving the worldwide process control, building control, and equipment control markets. CyboSoft’s patented Model-Free Adaptive (MFA) control technology for automatically controlling physical processes is a major breakthrough. No other comparable technology possesses all the attributes of MFA.

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