Press Release

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IXYS Colorado Introduces the SIV-3028 Handheld Solar Curve Tracer

How do you measure the Power of Green? How about in the palm of your hand?

Fort Collins, Colorado, October 4, 2011. IXYS Corporation (NASDAQ: IXYS), a leader in power semiconductors for power conversion and motion control applications, announced today the introduction of the SIV-3028 Handheld Solar Curve Tracer by its IXYS Colorado division.

The SIV-3028 Handheld Solar Curve Tracer is a 30A, 28V solar cell analyzer designed specifically for personnel in the field. It is small, light and easy to operate with a graphic display that shows the IV curve of the solar cell or panel as well as environmental light intensity in watts per meter squared. The SIV-3028 is ideal for verifying cell/panel operation during installation; troubleshooting and for routinely monitoring individual cell/panel performance.

SIV-3028 Features:

- **Flexibility** - with the ability to test up to 30A, 28V and 150W the SIV-3028 is flexible enough to be used with a wide variety of solar cells and panels.
- **Internal Storage** – the unit can store up to 100 measurements which can later be downloaded via RS232 or USB.
- **Autoranging** – users do not have to worry about setting up the parameters for a specific cell or panel. With the SIV-3028 users simply hook up the terminal cables and press 'Run Test'. The unit will then autorange to the optimal settings for the application.
- **Long Battery Life** – users can operate in the field for up to eight hours before needing to recharge the batteries (included). The unit is designed to shut off when not in use to conserve energy and extend field operating time.
- **Ease of Operation** – the SIV-3028 is controlled by a backlit, touch screen display with only necessary, easily identifiable controls. Key information including Isc, Voc, Pmpp and ambient light level are all displayed along with the IV curve when the 45 second test is complete.
- **Compact & Light** –the functionality of the SIV-3028 has been packed into a handheld device measuring 6.5"x3"x1" and weighing in at just under one pound making it easy to keep in the toolbox, attached to a belt or even in a jacket pocket.
- **IXYS SolarBit™ Technology** – by utilizing the high performance SolarBit™ from IXYS, the ambient light sensor will provide consistent and accurate light readings reliably for the life of the instrument.

Through a unique combination of features and technology the SIV-3028 will provide performance and troubleshooting results quickly and easily.

“The SIV-3028 bundles the most needed features of a portable solar curve tracer into a convenient, rugged handheld instrument. Everything a field technician needs is displayed on a single screen after only a matter of seconds. With the continuing growth of solar solutions the need for installers, technicians, engineers and scientists to achieve results reliably and quickly will continue to grow as well and the SIV-3028 is designed to achieve just that,” said Stephen Krausse, General Manager of IXYS Colorado. “Whether you’re setting up panels on the roof top of a home, installing a commercial array or simply need the ability to easily measure solar cell performance in a lab – the SIV-3028 was designed with you in mind.”

The SIV-3028 is available directly from IXYS Colorado (Directed Energy) Tel. (970) 493-1901, Fax (970) 232-3025, Email sales@ixyscolorado.com, www.ixyscolorado.com or through your local authorized IXYS/IXYSRF sales representative.

About IXYS Corporation

Since its inception in 1983, IXYS Corporation has been developing technology-driven products to improve power conversion efficiency, generate solar and wind power and provide efficient motor control for industrial applications.

IXYS, and its subsidiary companies, offer a diversified product base that addresses worldwide needs for power control, electrical efficiency, renewable energy, telecommunications, medical devices, flexible displays and RF power. For more information, visit www.ixys.com.

Safe Harbor Statement

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, reliability and suitability of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its report on Form 10-Q for the quarter ended June 30, 2011. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.