Press Release

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IXYS Colorado Introduces PCM-7510 High Power Pulsed Laser Diode Driver

Fort Collins Colorado, July 13, 2011. IXYS Corporation (NASDAQ IXYS), a leader in power semiconductors for power conversion and motion control applications, announced today the introduction of the PCM-7510 by its IXYSRF division located in Colorado. The PCM-7510 module is an air-cooled, high power pulsed-current source designed to drive diode lasers, bars and arrays in permanent and semi-permanent installations. Utilizing state of the art technology and DEI pulse systems expertise, the team at IXYS Colorado developed an intuitive touch screen enabled pulse generator.

The PCM-7510 literally provides high power performance at the touch of a finger. It delivers adjustable current pulses from 50A to 250A for driving high power laser diodes and other current dependant applications.

The PCM-7510 provides users with a wide operating envelope with pulse widths variable from 5 microseconds to 5 milliseconds; rise times and fall times of 2 microseconds to 8 microseconds; and pulse repetition frequencies variable from 40Hz to 5000Hz using the internal trigger, or single shot to 5000Hz using an external trigger source supporting output power of up to 1250 Watts.

The PCM-7510 has been designed from the ground up for continuous use in permanent and semi-permanent installations. Examples include driving industrial lasers and extended or long term scientific and experimental applications. Air cooling eliminates the need for the added support of a liquid cooling system while still maintaining high output power of up to 1250 Watts making the PCM-7510 appropriate for a wide variety of operating environments.

Our intuitive touch screen display & interface provides individual control of each pulser function, while the backlit display provides immediate visual confirmation of all operating parameters, including output current set-point and amplitude, pulse width, repetition frequency, duty cycle, and error and fault messages. The front panel controls allow the user to quickly and easily set all user defined parameters such as pulse width, frequency, diode forward voltage etc.

“The PCM-7510 is the next step in making high power instruments easy to operate, removing the setup of instrumentation as a roadblock to achieving performance results. The combination of a modular form factor, air cooling and ease of operation makes the PCM-7510 a unique diode driver suitable for many installation environments,” said Stephen Krausse, General Manager of IXYS Colorado.

An analog current monitor and a synchronization output are also provided for monitoring of the current to the laser diode and to synchronize the PCM-7510 with other instruments. In addition to stand-alone operation, the PCM-7510 can be externally triggered and is equipped with an RS232 interface - standard.

The PCM-7510 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-K for the year ended March 31, 2011. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.