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## Intepro Systems Introduces First High Power 16-Bit Load with CC, CR, CV, CV, CZ and Short Circuit Modes

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**Santa Ana, CA** (September 13, 2011) –

Intepro Systems, LLC announces the immediate availability of its new 2500 Watt High Power Load family, the HP Series. The new loads feature a 16-bit programming and measurement accuracy making it the first series to offer resolutions and setting

accuracies unmatched at its power ratings making it ideal for both low power and high power applications.



The HP Series features state-of-the-art microprocessor design with 16-bit DAC control to simulate a wide range of dynamic loading applications including independent slew rates for rise and fall transitions, duration, and the ability to simulate non-linear loads. The 4K pattern depth allows for programming of complex load waveforms and dynamic sweeping of a load profile.

Dual range 16-bit resolution measurements of voltage (V), current (I), resistance (R) and Power (P) provide the accuracy of a DMM with the convenience of a single connection. The loads are capable of taking measurements every 30 uSecs ensuring fast testing.

The 2500W Loads are rated for 500Amps to a maximum of 100VDC, 500VDC or 750VDC. Each load can draw its full rated current to very low voltage (0.5V specified) to deliver its superior performance for modern Point-of-Load conditions and fuel cells. For higher accuracies, the load has 10 current ranges providing mA resolution in the lower ranges making it the first 2500W load that can be used to test very low power outputs.

Intepro Systems Loads are designed for easy integration into automated test systems or simple front panel operation. Every load comes standard with an Ethernet interface and CAN bus support (USB and GPIB optional). Each load is configured with a back drive relay to connect a DC source to back drive the output for overvoltage test. All loads have power up self-diagnostic and calibration routines and full

protections against OP, OC, OV, OT and reverse polarity. This ensures the quality and reliability of the loads and provides protection of units under test.

Prices for the 2500W start at \$9,450 with deliveries from stock to 4 weeks ARO. All units come with a 30-day money back guaranty and 3 year warranty.

### **About Intepro Systems, LLC**

Intepro Systems manufactures, develops and services complex instrumentation and systems for the test and design validation of power supply systems and their components used in aerospace, military, telecommunications, and other power electronics applications. The leader in power supply testing for over 25 years, the company has a global reach with direct sales offices in the US, Ireland, United Kingdom., and China.

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