Intepro's New Generation DC Electronic Load Reduces Rack Space by 50%

New EL 9000 B Series packs power supply, battery and other DC load testing into 3U height rack-mount; offers full suite of load test options; units can be combined for up to 72 kW peak load

Tustin, CA— December 17, 2015—Intepro Systems, a market leader in power component and power system automated test equipment (ATE), introduces the EL 9000 B Series of electronic DC loads. The EL 9000 B Series is offered in 15 models with rated peak power from 1,200 to 7,200 Watts. The new "B" Series units are a major upgrade to the company's EL 9000 Series, packing a complete suite of test features and controls – all in a 3U rack panel that is 50% smaller compared to the former models. A special feature is an FPGA-based digital function and arbitrary profile generator enabling user-customizable load profiles. Advanced DSP hardware offers improved analog and digital interface response time. The unit features current rise time as fast as 18µsec, 10-90% load that is ideal for testing pulsed power supplies. Intuitive manual operation is provided via the unit's large, color touch panel controls.

The EL 9000 B Series offers four common regulation modes: constant voltage, constant current, constant resistance and constant power. In parallel operation of multiple devices, a master-slave bus is used to link the units to an integrated system. Optional, pluggable digital interface modules for CANopen, Ethernet (1 or 2 ports), Profibus, ProfiNet I/O (1 or 2 ports), RS232, DeviceNet and ModBus-TCP are available.

"The built-in function generator provides users with exceptional flexibility in creating test profiles," said Gerard Sheehan, Intepro's Chief Technical Officer. "This is especially important in reproducing non-linear internal resistances, such as those needed in testing batteries and LED lighting systems."

For more information about this product, please download the EL 9000 B Series data sheet. For more information about this or any other Intepro product, visit the Intepro Systems website at: www.inteproATE.com or email sales@inteproate.com.