Power Systems up to 300 KV, 15 KW

UltraVolt, Inc., a world-leading manufacturer of high-voltage power supplies and high-voltage power systems, announced today the launch of its newest high-voltage power systems – the HCP Series & MCP Series.

These new high-voltage rackmount and bench-top power systems are compact and light weight with a fully-featured chassis and high voltage outputs of 0 to 125VDC to 2kV on the MCP series and 0 to 3.5kV to 300kV on the HCP series. These high voltage systems enable users to reach high levels of power — starting from 0 to 14W through 15kW. Users will also benefit from high performance of the systems, which includes low ripple, excellent regulation, floating output, a low stored energy, and optional electronically controlled polarity reversal. Systems in either series are fully programmable via a 10-turn potentiometer in which the adjusting knob can be locked. Each series also includes voltage and current monitors and can achieve “Green Power” efficiency of approximately 90%. Multiple computer interfaces are available on all units.

The broad range of voltage and power levels makes the series suitable for a variety of industries and applications. Typical applications for the new series include particle accelerators, ion implantation, ion sources, ion pumps, electrostatic precipitators & material separators, electrostatic spraying & flocking, sub-sea power sources, and test equipment.

“UltraVolt is excited to expand our products further with higher power and higher voltage ranges. We are expanding our prior offering of models from 1.2kV at 90kW to now include models up to 2kV at 14kW and up to 300kV at 1.2kW”, said James Morrison, CEO and Co-Founder. “The MCP and HCP series product lines give users a significant capability with high connectivity, solid features, and performance. With these units we continue Making High Voltage Easier® by meeting the needs of our customer’s applications.”

UltraVolt Inc.
631-471-4444; www.ultravolt.com [1]

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