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BNC SCIENTIFIC EVO SERIES HIGH VOLTAGE POWER SUPPLIES: HIGH PRECISION, QUICK CONTROL, AND COMPACT FORM FACTOR

Blog Post

[San Rafael, CA] – BNC Scientific, a renowned division of Berkeley Nucleonics, is excited to introduce its latest innovation, the EVO Series of high-voltage power supplies. These cutting-edge power supplies are designed to offer exceptional precision, rapid control, and a compact, user-friendly form factor. With voltage classes ranging from 0-1.5 kV DC, 0-5 kV DC, and 0-10 kV DC, and power ratings of 2 kW or 3 kW, the EVO Series is set to revolutionize the field of high-voltage power supplies.



The EVO Series power supplies are fully digitally regulated, ensuring the utmost ease in setting and maintaining precise output voltage and current levels. Housed in a compact 2U chassis, these power supplies are perfect for applications where space is at a premium. They come equipped with an array of features designed to enhance user experience, including front-panel controls with a large display for effortless operation, Ethernet and RS-232 interfaces for remote control and monitoring, an SCPI command set for compatibility with various software applications, predictive fan control to minimize noise and extend fan life, and electrically reversible output polarity. Optional ramp control and arc detection further enhance their versatility.

The EVO Series power supplies find applications in a wide range of industries, including LIDAR, micromachining, medical and cosmetic lasers, time of flight, Q-switches, beam steering, Pockels cells, acoustic transducers, microchannel plates, photomultiplier tubes and image intensifiers, semiconductor production and verification, manufacturing of photovoltaic cells and components, end-of-line calibration processes, and various high-voltage research, tests, and developments.

Key Benefits of the EVO Series High Voltage Power Supplies:

High Precision and Quick Control: The EVO Series is digitally regulated, ensuring high precision and rapid control over output voltage and current.

Compact Form Factor: Housed in a 2U chassis, the EVO Series is perfect for space-constrained applications.

User-Friendly Features: Equipped with front-panel controls, Ethernet and RS-232 interfaces, and an SCPI command set for ease of use.

Versatility: The EVO Series is suitable for a wide range of applications, catering to diverse industry needs.

If you are seeking a high-performance, user-friendly, and versatile high-voltage power supply solution, the BNC Scientific EVO Series is the ideal choice. For more information, detailed specifications, and to explore how the EVO Series can elevate your projects, please visit our product page at <https://www.berkeleyneutronics.com/evo-series-bnc-high-voltage-power-supplies>



About BNC Scientific:

BNC Scientific is a leading division of Berkeley Nucleonics, specializing in innovative high-voltage power supply solutions. With a commitment to excellence and cutting-edge technology, BNC Scientific continues to push the boundaries of what is possible in high voltage. For media inquiries or more information, please contact Jordan Malacaman @ jordan@berkeleyneutronics.com or 415.453.9955.