

Diversified Technologies' HVPS Series Switching Mode Power Supply Packs High Power into a Small Footprint

A solid-state high voltage DC power supply for precision applications that provides high efficiency and reliability in a compact enclosure has been introduced by Diversified Technologies, Inc. (DTI)

BEDFORD, Mass. ([PRWEB](#)) October 06, 2020 -- Diversified Technologies, Inc. (DTI) has introduced a solid-state high voltage DC power supply for precision applications that provides high efficiency and reliability in a compact enclosure.

[The DTI HVPS Series Switching Mode Power Supply](#) provides 75 kW to 250 kW average power at up to 250 kV and offers typical voltage regulation to $\pm 0.1\%$ and maximum voltage ripple of less than 0.1% with 0.01% regulation and ripple of less than 0.001%, if required. Packing high power into a small footprint, this fully integrated all solid-state unit occupies a 24" W x 36" D x 74" H cabinet and uses tap water for cooling.

Configured to user requirements, the DTI HVPS Series Switching Mode Power Supply eliminates the complexity involved with connecting and controlling multiple smaller switching power supplies and yields over 100,000 hours MTBF. Featuring full over-voltage and over-current protection up to +30% or preset to $\pm 0.1\%$ max. ripple, it is suitable for ion implantation, plasma thruster testing, and various transmitter and undersea cable applications.

The DTI HVPS Series Switching Mode Power Supply is priced from (US) \$195,000.00. Price quotations are available upon request.

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