

Diversified Technologies Introduces High Voltage Power Supplies that are Monolithic with a Small Footprint

NEWS PROVIDED BY
Diversified Technologies, Inc.
Aug 06, 2024, 08:15 ET



Packing high power into a small footprint, DTI HVPS Series Switching Mode Power Supplies are fully integrated and occupy a 24" W x 36" D x 74" H cabinet and uses tap water for cooling.

A line of solid-state DC power supplies for use with a wide range of high-precision industrial, military, and scientific applications has been introduced by Diversified Technologies, Inc. (DTI).

BEDFORD, Mass., Aug. 6, 2024 /PRNewswire-PRWeb/ -- Diversified Technologies, Inc. (DTI) has introduced a line of solid-state DC power supplies for use with a wide range of high-precision industrial, military, and scientific applications.



DTI HVPS Series Switching Mode Power Supplies feature all solid-state construction and provide average power up to 250 kW and typical voltage regulation to $\pm 0.1\%$ and maximum voltage ripple of less than 0.1% with up to 0.01% regulation and ripple below 0.001%, if required. Configured to application requirements, these monolithic units eliminate the complexity involved with connecting and controlling multiple smaller switching power supplies.

Configured to application requirements, these monolithic and compact high voltage power supplies eliminate the complexity involved with connecting and controlling multiple smaller switching power supplies.

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Packing high power into a small footprint, DTI HVPS Series Switching Mode Power Supplies are fully integrated and occupy a 24" W x 36" D x 74" H cabinet and use tap water for cooling. Capable of dealing with highly complex loads, they provide full over-voltage and over-current protection up to +30% with over 100,000 hours MTBF. Applications include ion implantation, radar, and industrial processes.

DTI HVPS Series Switching Mode Power Supplies are priced from \$250,000.00 with price quotations available upon request.

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