

High-Voltage Pulse Modulator

delivers 99% efficiency & full self-protection



PowerMod HVP Series high-voltage pulse modulator is suitable for a wide range of applications including: PEF (pulsed electric fields) ion implantation and driving RF tubes. It delivers 99% efficiency and lets users easily control pulses from 1 to 30 kv, with 1 μ S to mS pulses, up to 30 kHz nominal pulse frequency, and currents up to 500 amp. Featuring simple controls, this modulator is essentially a utility that is well suited for a variety of research and small industrial operations. Powered by 110 v ac and 19-in. rack mountable, the PowerMod is air insulated and water cooled. It is

an ideal replacement for thyratrons and switch tubes, and provides full internal self-protection against over-voltage and over-current conditions.

Diversified Technologies, Inc.

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