



POWER SUPPLIES

Power Supply—High Frequency Vacuum Tube

Designed for a parallel oscillating circuit with a very wide power frequency operating range. This is a flexible power supply and is available in two configurations, high frequency triode and a periodic. The standard range for these generators are 12-400 kW/ 8-450 kHz.



HF a periodic generator of 50 kW - 100 to 200 kHz.

Power Supply—Medium Frequency IGBT Parallel Tuned

This unit is designed for heating applications in the frequency range of 10 to 60 kHz. Basic circuit design is for a current source parallel tuned load. Power rating can exceed 1 megawatt.



M.O.S. transistor generator of 25 kW - 400 kHz

Power Supply—Parallel Tuned Thyristor

This unit is a controlled current source power supply with a parallel tuned circuit designed to provide a wide range of power levels from 50 to 400 kW. Frequency ranges from 150 to 10,000 Hz.



Thyristor inverter of 900 kW - 1,000 Hz

Power Supply High Frequency Parallel Tuned

This Units is designed for heating application in the frequency range of 100 to 400 kHz. Basic circuit design is for a current source parallel tuned load. Power ratings are 50 to over 1 megawatt.



HF power supply 200 kW/400 kHz

Power Supply—Series Tuned IGBT

This unit is a voltage source series tuned IGBT transistor power supply and is designed for high voltage for high impedance loads. Frequency range is from 6 to 60 kHz.



Serial IGBT transistor generator of 50 kW - 30 kHz

Power Supply—Transistors High Frequency

The MOS transistor inverter is a high frequency 100 to 400 kHz converter. It acts as a current generator to a parallel resonance circuit. Power ratings at 2,3,6 and 12 kW.



Bench top 12 kW/400 kHz power supply

Variable Frequency Transistor Power Supply

Our transistor inverter is a 10 to 400 kHz high-frequency power supply. It acts as a current source supplying a parallel resonant circuit. The following is included:

- Front mounted circuit breaker
- Diode rectifier stage
- Low pass input filter
- Transistor high frequency section
- Ripple smoothing choke
- Full bridge output circuit
- High frequency output transformer
- Water cooled power section
- Electronic controls
- Internal timer
- Local or remote control
- Control interface on the front side of the cabinet
- Emergency stop button



25 and 50 kW/10 to 400 kHz