



BENEFITS OF INDUCTION HEATING ↙

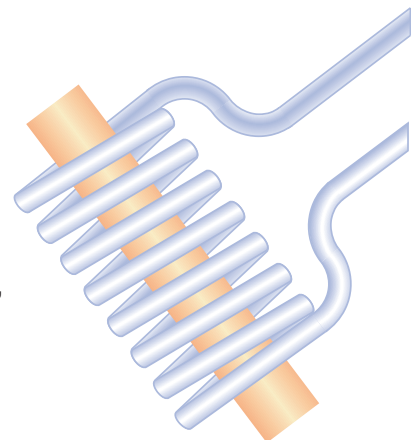
- ☑ Maximized Productivity
- ☑ Improved Product Quality
- ☑ Precise Output Control
- ☑ Improved Repeatability
- ☑ Reduced Energy Consumption

5-30kW/30-400kHz

Advanced Power Supplies for Induction Heating Applications

These versatile and reliable power supplies are specifically designed to be utilized by Induction heating solution providers, offering a low cost and reliable alternative to the costly or outdated custom power supplies used by many companies.

Available in models from 5kW to 30kW, and frequency range from 30 to 400kHz all are ideal for heat treating, bonding, annealing, hardening, brazing, sealing, melting, crystal growing, soldering, suscepter heating, tempering and more...

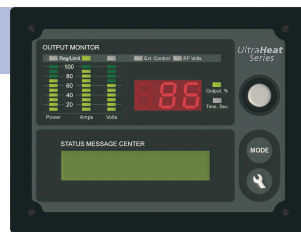


UltraHeat M Series



FEATURES

- ☑ Output regulation - Voltage, Power, Current
- ☑ Limits - Current, DC Volts, Output Volts, Power, Frequency
- ☑ Operator controls - Selectable Advanced, Basic or Expert control panels
- ☑ Capable of delivering full power in the 30-400kHz frequency range
- ☑ Variable ratio output isolation transformer for load matching of a wide range of loads and coils



- ☑ Optional RS232/485 interface for remote computer monitoring, control and diagnostics
- ☑ Power control from 1 to 120% in 1% increments (50%/10sec max duty cycle operation above 100%)
- ☑ Multiple timer controls with up to 10 ramp/soak steps
- ☑ 0-10V or 4-20mA external control and remote Start/Stop operation



SPECIFICATIONS

Model	Output kW	Pulsed kW	Frequency kHz	Input kVA (max)	AC Line Volts (3-phase)	Line Freq. Hz	Weight Lb (kg)	Power Supply inch (cm) WxDxH	Heat Station inch (cm) WxDxH	Water GpM (LpM)	Inlet Water T°
UPT - M5	5	6.0	150-400	6.9	230/380	50/60	123.5 (56)	16" x 20" x 16" (41 x 51 x 41)	16" x 20" x 11" (41 x 51 x 28)	1.5 (5.68)	Max 95°F (35°C)
UPT - M8	8	10.0	30-180	11.5			134.5 (61)				
UPT - M10	10.0	12.0	150-400	14.4	380/480	50/60	220.5 (100)	16" x 20" x 24" (41 x 51 x 61)	16" x 20" x 16" (41 x 51 x 41)	2 (7.57)	
UPT - M15	15.0	18.0	30-180	23.0							
UPT - M20	20.0	24.0	150-400	29.0							
UPT - M30	30.0	40.0	30-180	46.0							

BENEFITS

- ☑ Advanced, cost effective power supplies utilizing the latest switching power supply technology
- ☑ Adaptive digital phase control providing very efficient operation in a wide frequency range
- ☑ Reliable, modular system, easy to maintain and service
- ☑ Flexible, wide range load impedance matching by utilizing multiple transformer ratios and configurable tank capacitance
- ☑ Configured to operate with external Heat Stations allowing output connections to be available from all sides
- ☑ Easy remote operation both via Heat Station and Remote Control Panel
- ☑ Durable design, loaded with safety and diagnostics features
- ☑ Serial or Wireless Communication link to a PC based software (optional)

OPTIONAL EQUIPMENT

- ☑ Remote Control Panel
- ☑ Advanced LCD touch screen panel



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