

UltraHeat L Series

Efficient Power for Heating Solutions



BENEFITS OF INDUCTION HEATING ↙

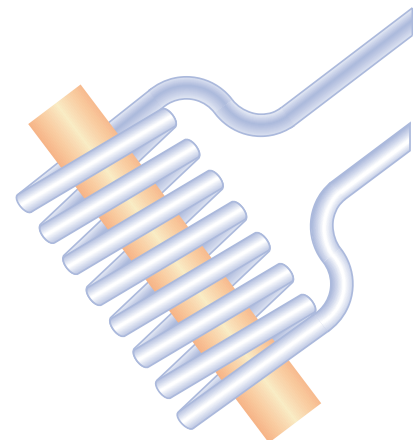
- ☑ Maximized Productivity
- ☑ Improved Product Quality
- ☑ Precise Output Control
- ☑ Improved Repeatability
- ☑ Reduced Energy Consumption

50-120kW / 10-150kHz

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to be utilized by Induction heating solution providers, offering low cost and reliable alternative to the costly or outdated custom power supplies used by many companies.

Available in models from 50 kW to 120kW, and frequency range from 10 to 150 kHz all are ideal for heat treating, bonding, annealing, hardening, brazing, melting, crystal growing, forging, forming, pipe heating, tempering, susceptor heating, shrink fitting and more...

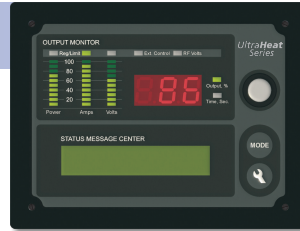


UltraHeat L Series



FEATURES

- ☑ Output regulation - Voltage, Power, Current
- ☑ Limits - Current, DC Volts, Output Volts, Power, Frequency
- ☑ Continuous cooling water temperature and flow monitoring
- ☑ Operator controls - Selectable Advanced, Basic or Expert control panels
- ☑ 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
- ☑ 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	Frequency kHz	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-L 50/50	50	10-50	380/460	50/60	440 (200)	32" x 24" x 75" (81 x 61 x 190)	28" x 32" x 36" (71 x 81 x 91)	Min 10 (40)	Max 95°F (35°C)
UPT-L 75/50	75	10-50			880 (400)	47" x 24" x 75" (120 x 61 x 190)	28" x 32" x 36" (71 x 81 x 91)	Min 16 (60)	
UPT-L 75/150	75	50-150							
UPT-L 100/50	100	10-50							
UPT-L 100/150	100	50-150							

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

- ☑ Built-in or Remote Heat Station
- ☑ Remote Control Panel
- ☑ Advanced LCD touch screen panel



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