

ULTRAHEAT L

50-200kW

**EFFICIENT POWER FOR
INDUCTION HEATING**



FEATURES

- Output regulation – Voltage, Power, Current
- Limits Setting – 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
- RS232/485 interface for remote computer monitoring, control and diagnostics
- 5 programs with 9 programmable parameters
- 0-10V or 4-20mA external control and remote Start/Stop operation

High Power Induction Heating equipment from 50-100kW and 10-50kHz.

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.

Durable design, loaded with safety and diagnostics features.

Serial Communication link to a PC based software (optional).

APPLICATIONS

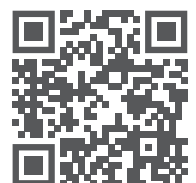
Brazing, Shrink Fitting, Annealing, Hardening, Melting of Metal, Curing, Forging, Bonding, Heating, Plastic Reflow, Susceptor Heating.

HEADQUARTERS

10 Colt Court
Ronkonkoma, New York 11779
Tel: 631.467.6814
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BENEFITS

- Improved energy efficiency
- Higher degree of controllability
- Increased repeatability
- Low maintenance requirements
- Increased productivity

Power Supply Model

	L-50/50 OUFX-530-500	L-75/50 OUFX-530-300	L-100/50 OUFX-530-100
Output kW	50 kW	75 kW	100 kW
Frequency kHz	10-50	10-50	10-50
AC Line Volts (50/60Hz)	380/480±10%	380/480±10%	380/480±10%
Line Phases	3	3	3
Weight Lb (kg)	771 (350)	771 (350)	771 (350)
Dimensions Inch (cm) WxDxH	31.5" x 26.8" x 82.7" (80 x 68 x 210)	23.6" x 18.9" x 51.2" (60 x 48 x 130)	23.6" x 18.9" x 51.2" (60 x 48 x 130)
Compatible Heat Station	HS-35LF	HS-100LF	HS-100LF

Heat Station Model

	HS-100LF 1ACC-530-100	HS-35LF 1ACC-777-250
Dimensions Inch (cm) WxDxH	31.5" x 17.7" x 19.7" (80 x 45 x 50)	27.6" x 15.7" x 11.8" (700 x 400 x 300)
Weight Lb (kg)	143.3 (65)	129.1 (58)
Cooling requirements water system quoted upon request	water (external)	water (external)
Min. Cooling Water, GpM (LpM)	10.57 (40)	1 GPM (8 lpm)
Inlet Water T° (max), F (°C)	95°F (35°C)	60/95°F (15/35°C)

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