



The Ultraflex Power Technologies Advantage

Recognized as an Inc. 500 Fastest Growing Company, Ultraflex Power Technologies provides customer-focused solutions for induction heating, melting, and casting applications worldwide. Implementing an Ultraflex induction solution can help you reduce manufacturing costs, increase energy efficiency, improve safety, and meet your lean manufacturing objectives.

Ultraflex Power Technologies offers the most advanced and innovative digitally controlled induction heating technology in the industry. The flexible output circuits and adaptive tuning power supplies feature the widest load matching and frequency ranges on the market. This ensures that our customers' varying load conditions can be precisely matched to the equipment, which maximizes operating efficiency and minimizes process deviation. Ultraflex products have been designed and engineered with the customer in mind, allowing for simple operation and finite process control. Ultraflex power supplies are rated according to the RF output power, not the input line power, so you are assured that full power can be delivered to the induction coil.

The compact modular and flexible systems are suitable for a wide variety of induction heating, casting, and melting applications. Systems can be configured with remote heat stations to optimize footprint requirements and work-cell layout. The flexible systems can easily be integrated into manual assembly processes, or incorporated into a fully automated production line. Ultraflex solutions include standard induction heating systems or complete turnkey systems.

Ultraflex products are designed and manufactured in ISO 9001 facilities, are CE marked, and meet current WEEE, RoHS and REACH directives. Additional certifications, such as UL and CSA, are available on request.

Ultraflex equipment incorporates many advanced diagnostic features and modular design advantages, which optimizes serviceability and maintainability of the equipment. Our service technicians can effectively resolve most field issues over the phone utilizing remote diagnostics to provide effective service and customer support, but are also available to support field requirements when needed. Ultraflex offers technical service and support with locations in USA (New York and California), Europe (Bulgaria), China, and India, with additional distributors and partners worldwide.

For OEM customers, Ultraflex Power Technologies offers full systems, power supplies, modules, or components to best meet your requirements for an integrated equipment solution. Ultraflex offers extensive technical expertise with power electronics design including development of custom Induction Heating, Plasma, Xenon Light Generators, Series and Parallel Inverters, AC-DC and DC applications, conventional and high frequency power supplies, and battery chargers.

With over 100 years of combined engineering and application expertise, Ultraflex has developed innovative solutions for our customers' most demanding applications. Above all, the team at Ultraflex Power Technologies will help you find solutions for your complex heating applications and manufacturing system requirements.

USA Headquarters:

Address: 158-2 Remington Blvd.,
Ronkonkoma, New York, 11779
Tel: +1 631 467 6814
sales@ultraflexpower.com

USA West Coast Regional Office:

Address: 29921 E. Miraloma, #14;
Anaheim, CA 92806
Tel: +1 626 244 4813
sales@ultraflexpower.com

South and Central America – Brazil:

Address: São Paulo, Brazil
Tel: +55 19 3816 8218
samericasales@ultraflexpower.com

Europe, Africa and Middle East:

Address: 152 Tsvetan Lazarov Blvd.,
1582 Sofia, Bulgaria
Tel: +359 2 4802000
eusales@ultraflexpower.com

Asia – China:

Address: Rm 201, No.33, Lane 1258,
Road Northern, Shanghai, China
上海市梅岭北路1258弄33号201室
Tel: +86 021 6603 0327
china@ultraflexpower.com

Asia – India:

Address: 106, Ravija Plaza, Opp. Ramdev
Bungalow, Thaltej Shilaj Road,
Ahmedabad 380059, Gujarat State, India
Tel: +91 9624009994
indiasales@ultraflexpower.com












www.ultraflexpower.com

INDUCTION[®] HEATING SYSTEMS



Ultraflex Power Technologies

Legend: ⊕ Optional ⊙ Included

Power Supply Model / Features		Output Power kW	Frequency kHz	AC Line Voltage, Line Phase V	Power Supply Cooling System	Compatible Heat Stations		Multiple User Programs	Temperature Monitoring and Control	External Power Control Input: 0-10V / 4-20 mA	Serial Interface: RS-232 or RS-485	Dimensions (w x d x h) Inches / (cm)	Weight Lbs / (kg)	Key Applications
	SM2/200	2	30-200	110/230±10%, 1 Phase	⊙ Air	⊙ HS-4W ⊙ HS-4AN	⊙	⊕	⊕	⊕	9.8" x 7.5" x 9.4" (25 x 19 x 23.8)	11 (5)	General Induction Heating, Soldering, Brazing, Plastic Reflow, Catheter Tipping	
	SH2/350	2	100-350	110/230±10%, 1 Phase	⊙ Air	⊙ HS-4W	⊙	⊕	⊕	⊕	9.8" x 7.5" x 9.4" (25 x 19 x 23.8)	11 (5)		
	SM5/200	5	30-200	230±10%, 1 Phase	⊙ Air	⊙ HS-4W, HS-5W ⊙ HS-4AN	⊙	⊕	⊕	⊕	14.5" x 9.5" x 12.8" (36.5 x 24 x 32.6)	28 (12.5)		
	SB3/1000	3	700-1000	230±10%, 1 Phase	⊙ Water	⊙ HSB-3	⊙	⊕	⊙	⊙	14.2" x 14.2" x 11.8" (36 x 36 x 30)	43 (19.5)	Soldering, Heating Thin Films, Heating small parts in tight spaces	
	W5/400	5	40-400	230±10%, 3 Phase	⊙ Water	⊙ HS-8	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	66.1 (30)		
	W10/150	10	50-150	230±10%, 3 Phase	⊙ Water	⊙ HS-8	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	66.1 (30)	General Induction Heating, Brazing, Shrink Fitting	
	W10E/150	10	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-8	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	84 (38)		
	W15/150	15	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-8	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	84 (38)		
	W15/100	15	20-100	380/480±10%, 3 Phase	⊙ Water	⊙ HS-8LF	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	84 (38)		
	UBraze W10/150	10	50-150	230±10%, 3 Phase	⊙ Water	⊙ HS-15SP + UBraze HH Assembly	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	66.1 (30)	Brazing, and General Induction Heating in hard-to-access spaces	
	UBraze W10E/150	10	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-15SP + UBraze HH Assembly	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	84 (38)		
	UBraze W15/150	15	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-15SP + UBraze HH Assembly	⊙	⊕	⊙	⊙	20.5" x 15.7" x 15.7" (52 x 40 x 40)	84 (38)		
	M8/50-AC	8	10-50	380/480±10%, 3 Phase	⊙ Air	Integrated Heat Station	⊙	⊙	⊙	⊙	19.9" x 30.1" x 28.1" (50 x 77 x 71)	242.5 (110)	Preheating, Stress Relief, Shrink Fitting	
	M12/50-AC	12	10-50	380/480±10%, 3 Phase	⊙ Air	Integrated Heat Station	⊙	⊙	⊙	⊙	19.9" x 30.1" x 28.1" (50 x 77 x 71)	242.5 (110)		
	M25/25-AC	25	5-25	380/480±10%, 3 Phase	⊙ Air	Integrated Heat Station	⊙	⊙	⊙	⊙	23.6" x 34.4" x 36.6" (60 x 88 x 94)	440.9 (200)		
	M25/50	25	10-50	380/480±10%, 3 Phase	⊙ Water	⊙ HS-35, HS-35LF	⊙	⊕	⊙	⊙	23.6" x 18.9" x 51.2" (60 x 48 x 130)	335 (150)	General Induction Heating, Thread Rolling, Hot Forming	
	M25/150	25	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-35, HS-35LF	⊙	⊕	⊙	⊙	23.6" x 18.9" x 51.2" (60 x 48 x 130)	335 (150)		
	M35/50	35	10-50	380/480±10%, 3 Phase	⊙ Water	⊙ HS-35, HS-35LF	⊙	⊕	⊙	⊙	23.6" x 18.9" x 51.2" (60 x 48 x 130)	335 (150)		
	M35/150	35	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-35, HS-35LF	⊙	⊕	⊙	⊙	23.6" x 18.9" x 51.2" (60 x 48 x 130)	335 (150)		
	H30/350	30	100-350	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100HF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	1610 (700)	General Induction Heating, Case Hardening	
	H40/350	40	100-350	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100HF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	1610 (700)		
	H60/350	60	100-350	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100HF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	1610 (700)		
	H80/350	80	100-350	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100HF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	1610 (700)		
	H100/350	100	100-350	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100HF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	1610 (700)		
	MF50/150	50	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100MF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	771.6 (350)	General Induction Heating, Larger Parts, Faster Heating Times	
	MF75/150	75	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100MF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	771.6 (350)		
	MF100/150	100	50-150	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100MF	⊙	⊕	⊙	⊙	63" x 30" x 77" (160 x 76 x 196)	881.8 (400)		
	L 50/50	50	10-50	380/480±10%, 3 Phase	⊙ Water	⊙ HS-35LF	⊙	⊕	⊙	⊙	31.5" x 26.8" x 82.7" (80 x 68 x 210)	771 (350)	General Induction Heating, Larger Parts, Faster Heating Times, Deepest Heat Penetration	
	L 75/50	75	10-50	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100LF	⊙	⊕	⊙	⊙	31.5" x 26.8" x 82.7" (80 x 68 x 210)	771 (350)		
	L 100/50	100	10-50	380/480±10%, 3 Phase	⊙ Water	⊙ HS-100LF	⊙	⊕	⊙	⊙	31.5" x 26.8" x 82.7" (80 x 68 x 210)	771 (350)		
	L 200/10	200	3-10	380/480±10%, 3 Phase	⊙ Water	⊙ HS-200LF	⊙	⊕	⊙	⊙	63.0" x 26.8" x 82.7" (160 x 68 x 210)	1500 (680)		