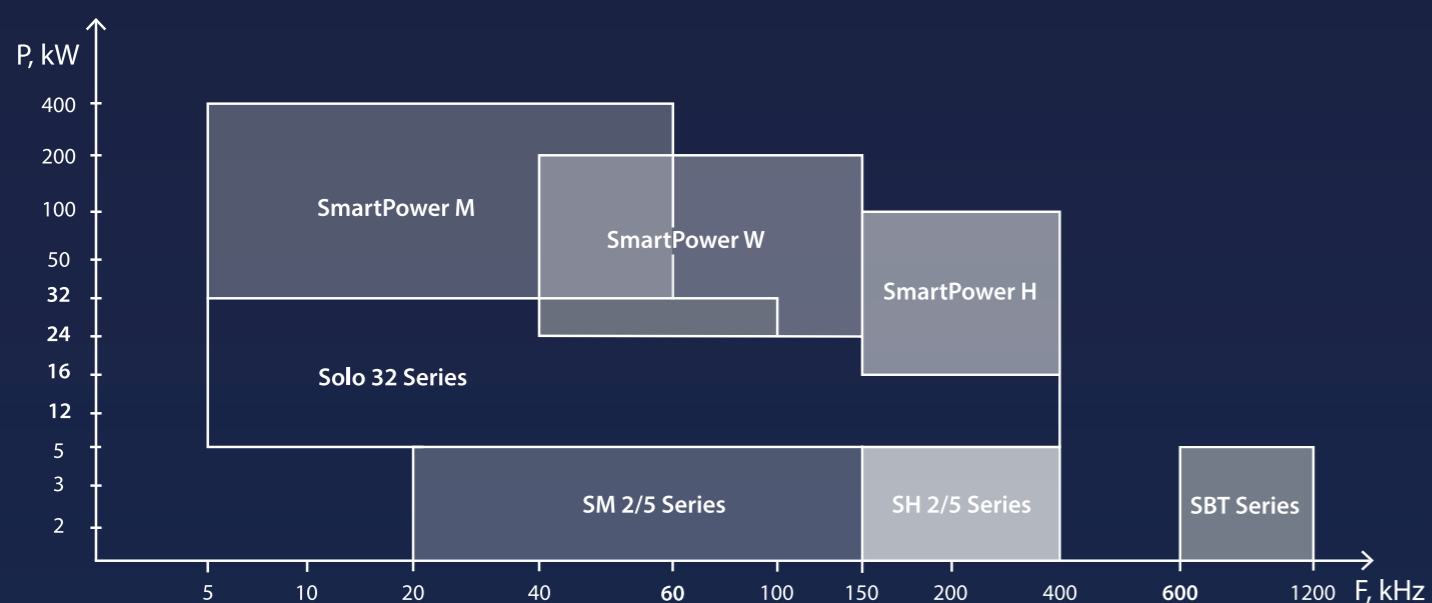


About UltraFlex Power Technologies

Based in New York, UltraFlex Power Technologies has been a global leader in industrial induction heating solutions for over 25 years. With manufacturing facilities in the USA and Europe and sales centers worldwide, we offer cost-effective, energy-efficient solutions tailored to your needs.

Our mission is to continuously improve your induction heating journey by providing innovative solutions and exceptional support.



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INDUCTION[®] HEATING SYSTEMS



SBT Series – 3kW / 700-1200kHz, High-Frequency Induction Heating Systems



| Model | Output Power | Frequency Range | AC Line Voltage | Remote Heat Station |
|------------|--------------|-----------------|-----------------|---------------------|
| SBT-3/1200 | 3 kW | 700-1200 kHz | 230V, 1 Phase | HSB-3 |

High-frequency systems tailored for precision heating or soldering of very small parts. Engineered with adaptive digital phase control ensures a seamless operation across a wide frequency range. The versatile SBT3 generators seamlessly integrate into both manual operations and automated production systems, offering unparalleled flexibility for diverse industrial applications.

S Series – 2-5 kW / 30-400 kHz, Water-Cooled Induction Heating Systems



| Model | Output Power | Frequency Range | AC Line Voltage | Remote Heat Station |
|-----------|--------------|-----------------|-------------------|---------------------|
| SMT-2/200 | 1/2 kW | 30-200 kHz | 110/230V, 1 Phase | HS-4W |
| SHT-2/400 | 1/2 kW | 100-400 kHz | 110/230V, 1 Phase | HS-4W |
| SM-5/200 | 5 kW | 30-200 kHz | 230V, 1 Phase | HS-4W |
| SMT-5/200 | 5 kW | 30-200 kHz | 230V, 1 Phase | HS-4W |

Light, water-cooled induction heating systems. SMT and SHT models feature an advanced 5" LCD touch screen with multiple programs, temperature control and diagnostics features.

S-Air Series – 2-4 kW / 20-100 kHz, Air-Cooled Induction Heating Systems



| Model | Output Power | Frequency Range | AC Line Voltage | Remote Heat Station |
|------------|--------------|-----------------|-------------------|---------------------|
| SMT-2A AIR | 2 kW | 20-100 kHz | 110/230V, 1 Phase | HS-4AN |
| SMT-5A AIR | 4 kW | 20-100 kHz | 110/230V, 1 Phase | HS-4AN |

The S Series air-cooled power supplies provide compact and versatile solutions for a variety of heating applications. With a built-in PLC interface and closed-loop temperature control, they seamlessly integrate into manual, semi-automated, or fully automated manufacturing processes.

Solo and Solo Air Series – 12-32kW / 3-400kHz, Innovative Induction Heating System



| Model | Output Power | Frequency Range | AC Line Voltage | Remote Heat Station |
|------------|--------------|-----------------|-----------------------|---------------------|
| SOLO10/12W | 12 kW | 40-200 kHz | 230/380/480V, 3 Phase | HS-24W |
| SOLO12H | 12 kW | 150-400 kHz | 230V, 3 Phase | HS-16H |
| SOLO16W | 16 kW | 40-200 kHz | 380/480V, 3 Phase | HS-24W |
| SOLO16H | 16 kW | 150-320 kHz** | 380/480V, 3 Phase | HS-16H |
| SOLO24W | 24 kW | 40-200 kHz | 380/480V, 3 Phase | HS-24W |
| SOLO32W | 32(25*)kW | 40-150 kHz | 380/480V, 3 Phase | HS-32W |
| SOLO32M | 32(25*)kW | 15-50 kHz | 380/480V, 3 Phase | HS-32M |
| SOLO32L | 32(25*)kW | 3-30 kHz | 380/480V, 3 Phase | HS-32L |
| SOLO24 AIR | 24 kW | 5-25 kHz | 380/480V, 3 Phase | HS-32A |
| SOLO32 AIR | 32 kW | 5-25 kHz | 480V, 3 Phase | HS-32A |

*Derated if operating at 380-400VAC Line Voltage **Derated to 320kHz above 12kW

SOLO series units harness the efficiency of silicon carbide transistor technology and deliver high power output while having small size and footprint. Air-cooled power supply simplifies maintenance and operation. The standard PLC interface and process control features make SOLO a great choice for automated manufacturing.

Solo UBraze Series – 12-24kW / 64-150kHz, Mobile Brazing Systems



| Model | Output Power | Frequency Range | AC Line Voltage | Remote Heat Stations |
|--------|--------------|-----------------|-------------------|----------------------|
| SOLO12 | 12 kW | 64-150kHz | 230V, 3 Phase | HS-24B |
| SOLO16 | 16 kW | 64-150kHz | 380/480V, 3 Phase | HS-24B |
| SOLO24 | 24 kW | 64-150kHz | 380/480V, 3 Phase | HS-24B |

UBraze is a compact hand-held induction brazing system that is used as an environmentally friendly and safe alternative to the flame brazing torch. The accurate energy control allows you to work with precision and to accurately determine the time and power needed to braze each joint.

Dragon RoboStand – 16-24kW / 50-150kHz, Automated Brazing Systems



| Model | Output Power | Frequency Range | AC Line Voltage | Reach Radius |
|--------------|--------------|-----------------|-------------------|------------------------|
| Robo Stand5 | 24 kW | 40-200kHz | 380/480V, 3 Phase | up to 85 cm / 33.5 in |
| Robo Stand10 | 24 kW | 40-200kHz | 380/480V, 3 Phase | up to 130 cm / 51.2 in |

The Dragon series automates and consistently brazes multiple joints positioned at predefined locations within an assembly. The robotic system is pre-programmed to move to each joint and apply power for a predetermined time, ensuring a repeatable and reliable brazing process. Moreover, it offers the option to be equipped with a vision system capable of recognizing various assemblies and accurately positioning the brazing coil at each joint.

SmartScan™ – 50-400kW, Induction Heat Treating Scanner



| Model | Output Power | Frequency Range | AC Line Voltage | Scanning Length | Rotation Speed (max), RPM |
|-----------------|--------------|-----------------|-------------------|------------------|---------------------------|
| SmartScan™ | 50-400 kW | 5-250 kHz | 380/480V, 3 Phase | 150 cm / 59 inch | 200 |
| SmartScan™ Mini | 50-400 kW | 5-250 kHz | 380/480V, 3 Phase | 15 cm / 6 inch | 150 |

SmartScan™ is a flexible and versatile induction heat-treating scanner designed to perform various heat-treating processes, including hardening, quenching, tempering, and normalizing. It offers the option to operate as a single or dual spindle unit and can accommodate a wide range of part sizes and weights.

SmartPower™ – 50-400kW / 6-200kHz, Induction Modular Compac System



| Model | Output Power | Frequency Range | AC Line Voltage | RF Outputs |
|---------------|--------------|-----------------|-------------------|------------|
| USPC-1-M/XX* | 50-200 kW | 6-60 kHz | 380/480V, 3 Phase | Single |
| USPC-2-M/XX* | 50-200 kW | 6-60 kHz | 380/480V, 3 Phase | Dual |
| USPC-4-M/XX* | 50-200 kW | 6-60 kHz | 380/480V, 3 Phase | Quad |
| USPCD-1-M/XX* | 250-400 kW | 6-60 kHz | 380/480V, 3 Phase | Single |
| USPC-1-W/XX* | 50-200 kW | 40-200 kHz | 380/480V, 3 Phase | Single |
| USPC-2-W/XX* | 50-200 kW | 40-200 kHz | 380/480V, 3 Phase | Dual |
| USPC-4-W/XX* | 50-200 kW | 40-200 kHz | 380/480V, 3 Phase | Quad |
| USPCD-1-W/XX* | 250-400 kW | 40-200 kHz | 380/480V, 3 Phase | Single |

*The SmartPower™ systems are built with 25kW modules that can be configured from 50kW to 400kW and 6kHz to 200kHz

Our patented modular induction heating power supply utilizes the latest SiC semiconductors and Direct Digital Step Power Control technology. The modular design enables easy upgrades to higher power levels and offers the flexibility of multiple outputs within a single cabinet.