

DC power supply



Water cooled DC power supply with compact structure can achieve the best coating quality, so it can replace the pulse power supply in magnetron sputtering process.

Features:

- The system greatly shortens the reaction time, and the residual arc energy reduced to a minimum rate
- Even in the high arc rate of the process, it can ensure that the film is thin and homogeneous.
- Extremely low arc remnant energy, fast recovery
- Advanced DC sputtering applications
- To achieve high power output in a compact structure
- Water cooled power supply

Customer benefit:

- Significantly improve production efficiency
- High performance film quality
- Even greater than 40 KW power supply, and system integration also very convenient
- High system stability and low maintenance cost

MF power supply



Features:

- Superior performance
- Broad power and frequency range
- Fast arc management system
- Advanced arc management technology, extremely low arc residual energy
- Flexible & Modular design structure
- High output current
- Leading power technology

Customer benefit:

- Adjustable to various processes and applications
- Thin film deposition, and film uniformity
- High deposition speed in extremely technology conditions
- Convenient system integration
- Wide range of power regulation
- High reliability

RF power supply



Features:

- Advanced design (electronic tube / transistor hybrid design)
- Technology maturity, 100% offset protection
- Multiple user control interface
- Continuous output and pulse output mode
- Installed a large base, optimize the technical performance
- Power ranging from 10 KW to 50 KW

Customer benefit:

- High reliability
- Even under extreme load matching conditions, can ensure a stable operation
- Convenient system integration
- Support a variety of processing applications

Arc power supply



Features:

- Particularly suitable for arc cathode processing technology
- Various communication interfaces enable the power supply to integrate with other devices
- Unique power and control design, high stability
- Integrated electronic ignition circuit and single ignition output terminal
- Fast DSP control, to ensure arc stability
- Wide range of current selection, supporting for a wide range of applications
- Voltage, current and power regulation synchronization

Customer benefit:

- Stable production process
- The adjustment of the arc ignition device is simplified, and the assembly time is shortened
- Significantly improve production efficiency
- Single power input design, shorten the training and configuration time
- Shorten the adjusting time

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Bias power supply



Features:

- Fast arc management system
- Advanced monitoring and control system to ensure high stability and good reproducibility
- Unique performance and control design, and high stability
- Residual arc energy is the lowest level of similar products
- Self-induction compensation for output cable
- Rear interface

Customer benefit:

- Production process stability
- One device with various applications
- High processing stability and good film quality
- Residual energy of neutral cable
- Best device connection settings