



Sputtering Power Supply

MSD Series DC Sputtering Power Supply

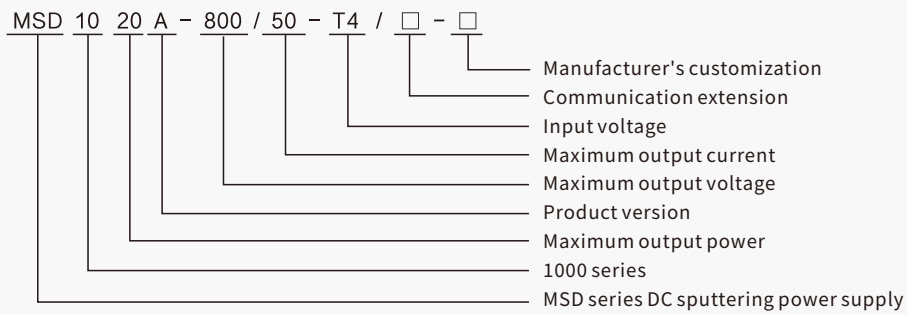
Usages

The MSD Series adopts the company's core DC control system. Excellent arc light treatment solution, so that the product has very stable performance and produces. The product has high reliability, little arc damage and good process repeatability. Display in Chinese and English Interface, easy to operate. The product can be used in the sputtering process of metal, ITO, TCO and other conductive materials.

Features

- Fully digital, high-speed, high-frequency design, fast response, and high conversion efficiency
- Fast arc response, arc response time < 100ns
- Low energy storage, < 0.5mJ/kW
- Integrated ignition function, ignition voltage 1200V
- Wide range output, can output rated power at 50%~100% rated voltage
- Diversified control, standard with analog quantity and RS-485 communication, and multiple communication methods such as Profibus, ProfiNet, DeviceNET, EtherCAT, etc. can be selected

Definitions



Specifications

Index	MSD1020	MSD1030
Input		
Input voltage	3AC400V、50/60Hz	3AC400V、50/60Hz
Power level	20kW	30kW
Output		
Maximum output current	50/40A	75/60A
Maximum output voltage	800V/1000V	800V/1000V
Technical indicators		
Power factor	≥0.9	≥0.9
Conversion efficiency	95% Under rated state	95% Under rated state
Arc response time	< 100ns	< 100ns
Size	3U	4U
Communication	Standard RS485/RS232(Profibus、Profinet、DeviceNET、EtherCAT optional)	