

# MSB Series

## Medium Frequency Sputtering Power Supply



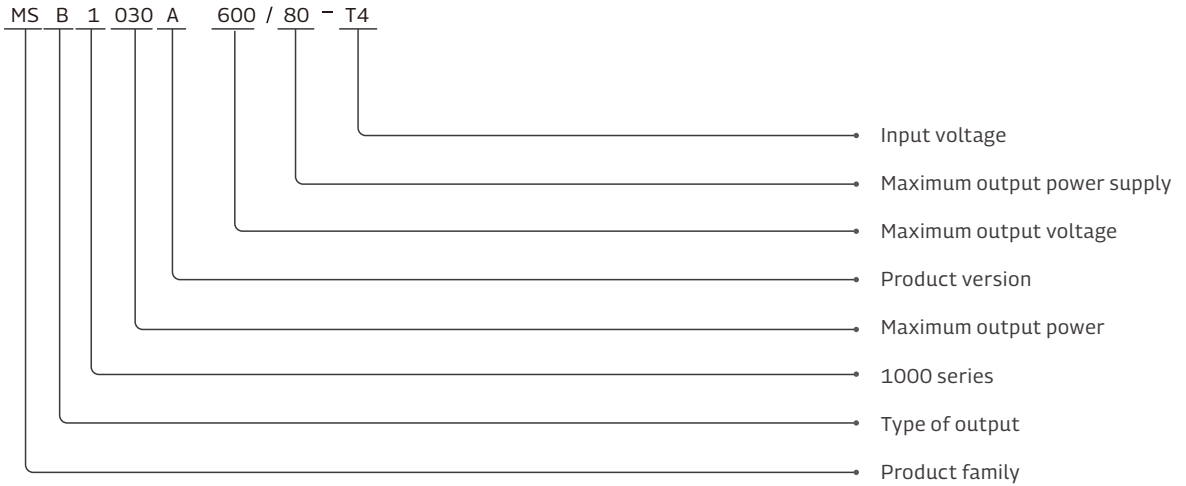
### Features

- The combination of fully soft switching technology and third-generation semiconductor SiC as power devices results in excellent efficiency
- High speed sensor collects VI, FPGA fast processing, arc response time <math>< 100\text{ns}</math>
- Adopting multiple intersecting PFC technology, with a power factor greater than 0.95
- Multiple arc detection methods selection, high reliability of arc extinguishing identification
- The output modes are diverse, and continuous and intermittent modes can be selected
- Control method U I. W selectable

### Usages

- The MSB Series relies on its excellent waveform modulation technology to output DC, DC pulse, bidirectional square wave, bidirectional trapezoidal wave and other waveform. The product has adjustable output waveform, selectable output frequency, adjustable duty cycle, and precise power control. As well as low energy storage and fast arc response. Provide convenient and precise control for the coating process. The products are mainly used in various thin film manufacturing processes, solar cell industry, and vacuum coating industry; application processes: magnetron sputtering process, twin target sputtering, and tubular PECVD.





## Definitions



## Specifications

Input	
Input voltage	3AC400V, 50/60Hz
Power factor	≥0.9
Conversion efficiency	94%
Output	
Output voltage	600V, 800V
Output current	50A-75A
Power level	30kW, 20kW*2, 25kW*2, 30kW*2
Input channels	2 channels
Frequency	40kHz, 40~200kHz
Performance index	
Output current ripple	2%rms
Adjusting accuracy	±0.5%
Arc response time	<100ns
Size	4U
Communication	Support analog and RS-485 communication (optional Profibus, ProfiNet, EtherCAT)

## Sichuan Injet Electric Co.,ltd.

-  [www.injet.com](http://www.injet.com)
-  [injet@injet.cn](mailto:injet@injet.cn)
-  +86-0838-2900585 2900586
-  No. 686, Jinshajiang West Road, Deyang, Sichuan, China