
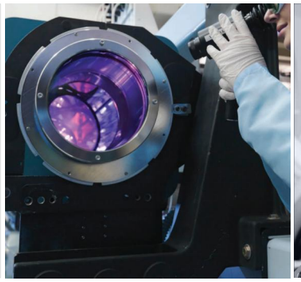
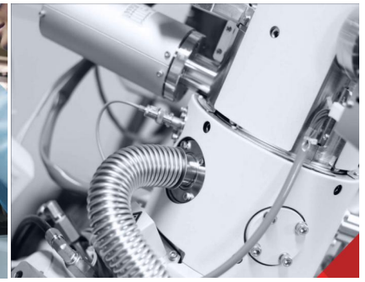

Wisman high volatge power supply

Web:https://www.wsmhv.com

wisman®
High voltage power supply
威思曼高压电源

Wisman High Voltage Power Supply Co., Ltd. is a manufacturer of X-ray tube high voltage power supply and precision DC high voltage power supply. The product has the characteristics of low ripple, low temperature drift, high reliability and reasonable price. In recent years, it has become the strategic preferred brand for users in the fields of industry, medical treatment and scientific research.

Feb. 2023
Xi'an China

Products are subject to change without notice

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High-voltage power supply selection manual

Medical chemical | Industrial | Scientific

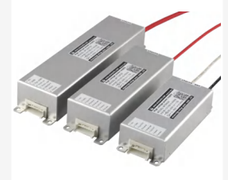
- 微型高压电源模块 Micro-modules
- 双路高压电源模块 Double modules
- 高压电源模块 Modules
- X射线管高压电源 X-Ray Generator
- 便携式高压电源 Handy type
- 机箱高压电源 Rack mount
- 塔式高压电源 Pagoda
- 一体化射线源 X-Ray Sources
- 特殊应用 Application Specific
- 高压附件 Accessories












2023

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wisman®
High voltage power supply
威思曼高压电源

Your preferred strategic partner!

We have the power and source of progress because customer choose Wisman.

We have an invincible team because our employee choose Wisman.

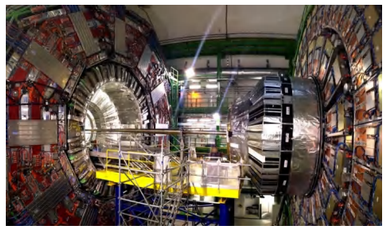
We have the happiness of dedication and the joy of struggle because there are so many people choose Wisman.

Wisman High Voltage Power Supply--Your preferred strategic partner!

Wisman High Voltage Power Supply Co., Ltd. is a manufacturer of X-ray tube high voltage power supply and precision DC high voltage power supply. The product has the characteristics of low ripple, low temperature drift, high reliability and reasonable price. In recent years, it has become the strategic preferred brand for users in the fields of industry, medical treatment and scientific research.

This manual provides Wisman's standard products, and Wisman can also provide customized services for non-standard products. By analyzing the characteristics of users in different industries, Wisman serves users efficiently from all aspects of research and development, production, sales, customer service, etc., and customizes complete solutions for users according to their own conditions, thereby improving the performance and market of user products. Competitiveness.

Wisman has passed ISO9000 certification, GJB certification, product CE certification, etc.



The enterprise mission: Creates the opportunity for the customer creation value for the staff to create the benefit for the shareholder to undertake responsibility for the society.

The spirit of enterprise: Professional, the good faith, the team, innovate.

The enterprise values: The good faith fulfills responsibility fair fair transformation innovation unity of knowledge and action whole supreme.

The management strategy:developing best product, providing best service.

Website:https://www.wsmhv.com

wisman®
High voltage power supply
威思曼高压电源

Micro-modules

Wisman High voltage power supply, China's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

MM 50V-300V

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
●											

Input: +5Vdc±2%
Ripple: <5mV p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.433" H× 0.433" W×0.433" D
(11.00mm×11.00mm×11.00mm)

11X11X11

- Arc and short-circuit protection
- Small size,printed circuit board mounting
- Low temperature coefficient
- Low ripple and noise
- OEM customization available

Wisman's MM miniaturized module with low-noise and high-stability is intended for photomultiplier tubes, mass spectrometers, and electron microscopes. The price is competitive.
MM is a printed circuit board mounting high voltage power supply with small size, ultra-low ripple 5mV and high stability.It is six-shields and has strong anti-interference with the function of overcurrent ,short circuit and arc protection.

MMC 100V-600V

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
●											

Input: 24Vdc(option: 15Vdc/12Vdc/5Vdc)
Ripple: <5mV p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.354" H× 0.433" W×0.787" D
(9.00mm×11.00mm×20.00mm)

20X11X9

- Arc and short-circuit protection
- Small size,printed circuit board mounting
- Low temperature coefficient
- Low ripple and noise
- OEM customization available

Wisman's MMC miniaturized module with low-noise and high-stability is intended for photomultiplier tubes, mass spectrometers,and electron microscopes. The price is competitive.
MMC is a printed circuit board mounting high voltage power supply with small size, ultra-low ripple 5mV and high stability.
It is six-shields and has strong anti-interference with the function of overcurrent ,short circuit and arc protection.

MCA 100V-2kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
										●	

Input: 24Vdc(option: 15Vdc/12Vdc)
Ripple: <0.001% p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/°C
Dimensions:
0.67" Hx0.91" Wx1.77" D
(17.00mm x 23.00mm x45.00mm)

3W~5W
45X23X17

- Low ripple and noise
- Low temperature coefficient
- Small size,light weight,max output power 5W
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MCA series is a micro module with output voltage of 100V~2kV and output power of 3W~5W. It has miniaturization, ultra-low noise of 10ppm, high stability of 10ppm/Hr, ultra-low temperature coefficient of 10ppm/°C, six sides Features such as shielding. All models of this power supply provide external potentiometer or external reference voltage programming, display, arcing, short circuit and overload protection.

MMA 100V-2kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
				●							

Input: 24Vdc(option: 15Vdc/12Vdc/5Vdc)
Ripple: <1kV,5mV; 1kV~2kV,0.01%
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.47" H× 0.59" W×1.18" D
(12.00mm×15.00mm×30.00mm)

30X15X12

- High stability
- Low ripple and noise
- Low temperature coefficient
- External voltage given

Wisman's MMA series is a micro-module with output voltage of 100V~2kV and output power of 0.5W~2W. It has miniaturization, ultra-low noise 10ppm, high stability 10ppm/Hr, ultra-low temperature coefficient 10ppm/°C, six-sided shielding, etc.

MCE 100V-2kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
				●							

Input: 24Vdc(option: 15Vdc/12Vdc/5Vdc)
Ripple: 0.001% p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.48" H× 1. 00" W×1. 60" D
(12.30mm×25.4mm×40.64mm)

- High stability
- Low ripple and noise
- Six-sides shielding and has strong anti-interference
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MCE series is a micro-module with output voltage of 100V~2kV and output poweror0.5W~2W.It has miniaturization, ultra-low noise of 10ppm, high stability of 10ppm/Hr, ultra-low temperature coefficient of 10ppm/℃, six-sided shielding etc. The power supply provides external potentiometer or external reference voltage for programming, display, arcing, short circuit and overload protection.

MF 3kV-10kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
				●							

Input: 24Vdc(option: 15Vdc/12Vdc)
Ripple: <0.001% p-p
Stability: <10ppm/Hr
Temperature Coefficient: <25ppm/°
Dimensions:
0.68" Hx1.25" Wx3.00" D
(17.34mm x 31.75mm x76.20mm)

76X32X17

- High stability
- Low ripple and noise
- Six-sides shielding and has strong anti-interference
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MF series is a micro-module with output voltage of 3kV ~10kV and output power of 0.5W~2W. It has miniaturization, ultra-low noise of 10ppm, high stability of 10ppm/Hr, ultra-low temperature coefficient of 25ppm/℃, six-sided shielding and other features. All models of the power supply provide external potentiometer or external reference voltage programming, display, arcing, short circuit and overload protection.

MCC 100V-3kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
				●							

Input: 24Vdc(option:15Vdc/12Vdc/5Vdc)
Ripple: 0.01% p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.47" Hx0.98" Wx1.77" D
(12.00mm x 25.00mm x45.00mm)

- High stability
- Low ripple and noise
- Six-sides shielding and has strong anti-interference
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MCC series is a micro-module with output voltage of 100V~3kV and output power of 0.5W~2W. It has miniaturization, ultra-low noise 10ppm, high stability 10ppm/Hr, ultra-low temperature coefficient 10ppm/°C, six-sided shielding and other features. All models of this power supply provide external potentiometer or external reference voltage programming, display, arcing, short circuit and overload protection.

MDA 0.3kV-3kV

0.1W	0.5W	1W	1.5W	2W	2.5W	3W	3.5W	4W	4.5W	5W	5.5W
										●	

Input: 24Vdc(option: 15Vdc/12Vdc/5Vdc)
Ripple: 0.001% p-p
Stability: <10ppm/Hr
Temperature Coefficient: <10ppm/° C
Dimensions:
0.67" Hx1.57" Wx2.36" D
(17.00mm x 40.00mm x60.00mm)

60X40X17

- High stability
- Low ripple and noise, low temperature coefficient
- Six-sides shielding
- External potentiometer or external voltage to set

Wisman's MDA series is a micro module with output voltage of 0.3kV~3kV and output power of 1W~5W. It has miniaturization, ultra-low noise of 10ppm, high stability of 10ppm/Hr, ultra-low temperature coefficient of 10ppm/°C, six-sided shielding and other characteristics. The power supply has arc, short circuit and overload protection.

MA
0.3kV-10kV | 2W | 4W | 6W ● | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：24Vdc(option: 15Vdc/12Vdc)
Ripple / Noise (p-p)：0.001% p-p
Stability：<10ppm/Hr
Temperature Coefficient：<10ppm/° C
Dimensions：
0.87" H x 2.25" W x 2.75" D
(22.00mm x 57.00mm x70.00mm)

- High stability
- Low ripple and noise
- Low temperature coefficient
- Six-sides shielding and has strong anti-interference
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MA series is a micro module with output voltage of 0.3kV~10kV and output power of 2W~6W. It has miniaturization, ultra-low noise 10ppm, high stability 10ppm/Hr, ultra-low temperature coefficient 10ppm/ , six-sided shielding and other features. All models of the power supply provide external potentiometer or external reference voltage programming, display, arc, short circuit and overload protection.

MB
±50V-±3kV | 2W ● | 4W | 6W | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：24Vdc(option: 15Vdc/12Vdc)
Stability：<0.001%/Hr
Temperature Coefficient：<15ppm/° C
Dimensions：
0.47" H x 0.98" W x 1.79" D
(12.00mm x 25.00mm x45.50mm)

- High stability 10ppm/Hr
- Low temperature coefficient 15ppm/
- Small size, light weight
- Six-sides shielding, low ripple
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MB modular high-voltage power supply with miniaturized high-stability 10ppm/hour, ultra-low temperature coefficient 15ppm/ , six-sided shielding. All models provide external potentiometer or external reference voltage setting and display, and synchronous control of two positive and negative voltage output values. With arc, short circuit and overload protection.

MUA
50V-6kV | 2W | 4W | 6W | 8W | 10W | 20W | 30W ● | 100W | 150W | 200W | 250W | 280W

Input：12Vdc(6W), 24Vdc(6W~30W)
Stability：<0.01%/8Hr
Temperature Coefficient：<15ppm/° C
Dimensions：
1.12" H x 1.5" W x 2.96" D
(28.5mm x 38.1mm x74.6mm)

- Small size and high power
- Low ripple, high stability
- High reliability
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MUA series printed circuit board mounted high-voltage modules are currently the leading modules in the market in terms of product appearance and power density. MUA belongs to the printed circuit board mounted high-power high-voltage module power supply. This SMT-based high-voltage power module With superior performance and high reliability, MUAis the ideal choice for system integrator OEM, system integration is easier.

MBA
50V-3kV | 2W | 4W ● | 6W | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：24Vdc(option: 15Vdc/12Vdc)
Ripple / Noise (p-p)：0.001% p-p
Stability：<10ppm/Hr
Temperature Coefficient：<15ppm/° C
Dimensions：
0.47" H x 1.38" W x 1.77" D
(12mm x35mm x45mm)

- Highstability, 2-channel
- Low temperature coefficient 15ppm/
- Small size, light weight, high power
- Six-sides shielding, low ripple
- External potentiometer or external voltage to set
- OEM customization available

Wisman's MBA series is a micro module with output voltage of ±50V~±3KV and output power range of 1W~4W. The MBA series is a miniaturized, high stability 10ppm/hour, ultra-low temperature coefficient 15ppm/ , six-sided shielding. All models provide external potentiometer or external reference voltage setting. Two channels of this series of high-voltage power supplies can independently control output, independent display, with arc, short circuit and overload protection.

MUC
125V-6kV | 2W | 4W | 6W | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W ● | 280W

Input：+11Vdc~+30Vdc(6W/125W),
+15Vdc~+30Vdc(250W)
Stability：<0.01%/8Hr
Temperature Coefficient：<25ppm/° C
Dimensions：(options)
1.06" H x 4.5" W x 4" D
(27mm x 114.3mm x101.6mm)

- Output power 60W, 125W, 250W
- Low energy storage design, fast rise time
- The max current can be output under 0V output
- Short circuit protection
- High power output/ voltage density
- Ultra-thin, optional digital control
- Output voltage and current display
- OEM customization available

Wisman's MUC series printed circuit board mounted high voltage modules are currently the leading modules in the market in terms of product appearance and power density. MUC belongs to the printed circuit board mounted high power high voltage module power supply. This SMT-based high voltage power supply The module has superior performance and high reliability.

MUB
±50V-6kV | 2W | 4W | 6W ● | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：24Vdc
Ripple / Noise (p-p)：0.001% p-p
Stability：<10ppm/Hr
Temperature Coefficient：<15ppm/° C
Dimensions：
1.12" H x 2.86" W x 2.86" D
(28.50mm x 72.60mm x72.60mm)

- Small size, high power output
- Low ripple, high stability, high reliability
- Voltage and current control
- 2-channel, each channel is controlled separately
- PORN:Each channel shares one control signal
- OEM customization available

Wisman's MUB series printed circuit board mounted high-voltage modules are currently the leading modules in the market in terms of product appearance and power density. This SMT based high voltage power module has superior performance and high reliability. Two channels of this series of high-voltage power supplies can independently control the output and display independently, with arc, short-circuit and over-current protection.

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Micro-modules
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https://www.wsmhv.com

MUD
±250V-±6kV | 2W | 4W | 6W | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W ● | 280W

Input：12Vdc(6W), +24Vdc(6W~30W)
Stability：<0.01%/8Hr, 0.02%/24Hr
Temperature Coefficient：<50ppm/° C
optional：<25ppm/)
Dimensions：
1.12" H x 1.5" W x 2.96" D
(28.5mm x 38.1mm x74.6mm)

- Output power 60W, 125W, 250W
- Low energy storage design, fast rise time
- 2-channel, each channel is controlled separately
- The max current can be output under 0V output
- Ultra-thin, optional digital control, high efficiency
- OEM customization available

Wisman's MUD series is an extension of the MUB series, which can be directly installed on equipment with a power requirement greater than 30W. The MUD series provides power up to 60W, 125W, 250W, and 0-6KV can provide two independent outputs. The MUD series modules are especially suitable for For systems with high energy and large capacity, high response rate or continuous high power demand.

MRB
10kV-70kV | 2W | 4W | 6W | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W ● | 280W

Input：+24Vdc, +48Vdc
Ripple / Noise (p-p)：<0.001% p-p
Stability：<25ppm/Hr
Temperature Coefficient：<25ppm/° C
Dimensions：
5.31" H x7.47." W x 9.83" D
(135mm x190mm x250mm)

- Optional RS-232, RS-485 control
- Output voltage:±10kV~±70kV, output power: 100W~280W
- Over-voltage, Arc and Short Circuit Protected
- Automatic constant voltage and current
- Safety interlock
- OEM ustomization available

Wisman's MRB series is a high-stable and precise high-voltage power supply module. The MRB series module power supply has good regulation performance and provides unipolar high-voltage output or bipolar high-voltage output. The MRB series module power supply can be precisely measured and controlled by internal and external computers. The module has local and remote control, voltage and current monitoring, overload, arc and short circuit protection and other functions.

PM
0.5kV-10kV | 2W | 4W | 6W | 8W | 10W ● | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：+24Vdc±2%
Ripple / Noise (p-p)：<2mV p-p
Stability：<0.001%/Hr
Temperature Coefficient：<25ppm/° C
Dimensions：
5.12"D×3.54"W×1.18"H
(130mm×90mm×30mm)

- Optional RS-232, RS-485 control
- Positive or negative output
- Small size, six-sides shielding
- External potentiometer or external voltage to set
- OEM customization available
- EU CE certification

Wisman's six-sided shielding PM modular high-voltage power supplies use linear power conversion technology to achieve ultra-low ripple and low noise, ideal for precision applications. Applied to optical and telecommunication multipliers, solid-state detectors, ultrasonic transducers, etc., the PM series module power supply can be internal and external, and computer precision measurement and control, providing optional RS-232 and RS-485 interfaces.

PMB
1KV-30KV | 2W | 4W | 6W | 8W | 10W | 20W ● | 30W | 100W | 150W | 200W | 250W | 280W

Input：+24Vdc±2%
Ripple / Noise (p-p)：<0.001% p-p
Stability：<0.007%/Hr
Temperature Coefficient：<25ppm/° C
Dimensions：
7.78"D ×2.95"W ×1.38"H
(200mm × 75mm ×35mm)

- Optional RS-232, RS-485 control
- Small size, six-sides shielding
- Positive or negative output
- Over-voltage, Arc and Short Circuit Protected
- EU CE certification
- Voltage and current given and display

Wisman's PMB is a six-sided shielded modular high-voltage power supply with proprietary linear power conversion technology, small size, higher efficiency and lower ripple. PMB series module power supply can be precisely measured and controlled by internal, external and computer, and RS-232 and RS-485 interfaces are optional. This series of modules has protection functions such as over-current, arcing, and short circuit.

PMC
1kV-30kV | 2W | 4W | 6W | 8W | 10W | 20W ● | 30W | 100W | 150W | 200W | 250W | 280W

Input：+24Vdc±2%
Ripple / Noise (p-p)：<2ppm
Stability：<0.01%/Hr
Temperature Coefficient：<25ppm/° C
Dimensions：
7.87"D ×2.95"W×1.38"H
(200mm× 75mm ×35mm)

- Optional RS-232, RS-485 control
- Small size, six-sides shielding
- High stability 50ppm/H
- External potentiometer or external voltage to set
- Over-voltage, Arc and Short Circuit Protected
- OEM customization available

Wisman's PMCis asix-sided shielded:modular high-voltage power supply, which adopts a proprietary linear power conversiontechnology with small size, higher efficiency and lower rippleThe power supply of PMC series modules can be preciselymeasured and controlled by internal, external and computer.and RS-232 and RS-485 interfaces are optional. This seriesofmodules has protection functions such as over-current, arcingand short circuit.

PMD
1kV-30kV | 2W | 4W | 6W ● | 8W | 10W | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input：+24Vdc±10%
Ripple / Noise (p-p)：≤0.0002% Vp-p
Stability：0.001%/Hr, 0.002%/8 Hr
Temperature Coefficient：≤10ppm/° C
Dimensions：
2.56" H x 4.53" W x5.91" D
(65.00mm x 115.00mm x150.00mm)

- Output: 1kV~30kV, 5W~10W
- Low ripple and noise ≤2ppm
- Temperature coefficient 10ppm/
- High stability 50ppm/H
- ET, RS-232, RS-485 control
- Over-voltage, Arc and Short Circuit Protected

Wisman's PMD series high voltage modules are high stability precision high voltage power modules. The output voltage is 1KV-30KV optional, and the poweris 5W-1PWoptional.Stability: 10ppm/1H,10ppm/8H,10ppm/1000H,ripple is 2ppm,no micro discharge.Temperature coefficient 10ppm. Thehigh-voltage output of PMD series power supply has functionssuch as over-voltage, arcing, shortcircuitprotection and safetyinterlock. Standard network port, RS-232, RS-485 digital interfacegiven resolution DA 16 bit, display resolution AD 16 bit.

MT
0.3kV-30kV

15W 20W 50W **60W** 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 12Vdc, 24Vdc
Ripple: <0.001% P-P
Stability: <0.01% /8 Hr
Temperature Coefficient: <25ppm/°C
Dimensions:
7.09"D ×3.94"W×1.18"H
(180mm x100mm x30mm)

- Arc, short circuit protected
- Positive or negative output
- External potentiometer or external programming
- Small size, strong anti-interference
- Arc, continuous short circuit protected
- EU CE certification

Wisman's MT Series modular high voltage power supplies offer positive or negative output voltages from 0.3kV to 30kV. High voltage can be linearly cramped up. The MT incorporates local and remote programming, voltage and current monitoring, over load, arc and short circuit protection.

DNA
20kV-30kV

15W **20W** 50W 60W 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 24Vdc±2%
Ripple: <0.001% P-P
Stability: <0.02% /8 Hr
Temperature Coefficient: <25ppm/°C
Dimensions:
1.69"H×3.94"W×8.07"D
(43mm×100mm×205mm)

- Optional RS-232/RS-485 control
- Arc, short circuit protected
- External potentiometer or external voltage programming
- Positive or negative output
- Small size, strong anti-interference
- High stability, high reliability

DNA is the compact high voltage module with features of high stability, ultra-low ripple and small size. All models can provide potentiometer and external reference voltage programming and monitor. All units have in-built protection against arcing, short protection and overload protection. RS-232, RS485 digital control optional.

ME
0.6kV-30kV

15W 20W 50W 60W **100W** 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 24Vdc±5%
Ripple: <0.1% P-P
Stability: <0.01% /8 Hr
Temperature Coefficient: <25ppm/°C
Dimensions:
1. 69"H×3.94"W×8.07"D
(43mm×100mm×205mm)

- Arc, short circuit protected
- Positive or negative output
- Small size, stronganti interferencewith six-sided shielded
- External potentiometer or external control voltage programming
- Ultra-low ripple 0.001% customization
- OEM customization available

Wisman's ME series is compact high voltage power supply with features of high stability, ultra-low ripple and small size. Local internal potentiometer external potentiometer or external reference rated voltage are provided to all the ME models. It has current and voltage monitor, arcing, short-circuit and overload protection. RS-232 and RS-485 optional.

MN
1kV-50kV

15W 20W **50W** 60W 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: ±24Vdc±10%
Ripple: ≤0.1% Vp-p
Stability: ≤0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
2.95" H x 2.95" W x8.06" D
(75.0mm x 75.0mm x205mm)

- Optional USB2.0, RS-232/RS-485 control
- Over voltage, arc & short circuit protection
- Voltage programming, current programming optional
- Local and remote control
- Safety interlock
- OEM customization available

Wisman's MN series high voltage power supply has excellent performance, output voltage up to 50kV, providing over voltage, short-circuit and safety interlock protection. USB2.0, RS-232, RS-485 interface optional.

MRN
30kV-70kV

15W 20W 50W 60W **100W** 120W 180W 200W 300W 350W 1KW 1.2KW

Input: 24V±10% DC
Ripple: 0.1% p-p
Stability: ≤0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
5.71"H×2.95"W×8.01"D
(145.0mm×75.0mm×203.5mm)

- OPTIONAL RS-232/RS-485 control
- 60kV, 2mA; the max power 100W
- 70kV, 2mA; the max power 100W
- Voltage programming, current programming optional
- Local and remote control
- Safety interlock

Wisman's MRN series high-voltage power supplies have good regulation performance with output voltage up to 65KV. The high voltage output terminal of MRN series power supply has thefinctions of overvoltage, short circuit protection and safety interlock. Provide optional USB2.0, RS-232 or RS-422 interface.

MRC
1kV-70kV

15W 20W 50W 60W 100W **120W** 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 86Vac-265Vac
Ripple: 0.25% p-p
Stability: ≤0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
9.06" H x5.00" W x 3.62" D
(230.0mm x 127.0mm x92.0mm)

- Optional RS-232&RS-485& Ethernet isavailable
- Power factor corrected front end
- Over voltage, arc & short circuit protection
- Local and remote control
- Safety interlock
- Input 86Vac-265Vac

Wisman MRC series are high-stability with positive or negative high voltage output. The MRC series can be accurately measured and controlled internally, externally, or controlled by a computer. The MRC series has the protection function includes over voltage, over current, arcing, and safety interlock.

MEA
1kV-30kV

15W **20W** 50W 60W 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 105Vac-125Vac
210Vac-25Vac alternating current
Ripple: ≤0.05% Vp-p
Stability: <0.01% /1 Hr; <0.05%/8 Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
3KV-15KV:
(292mmx133mmx83mm)

- Low output ripple and noise less than 0.05%p-p
- High stability 0.01% per hour
- Over voltage & current protection
- Strong arc protection and short circuit protection
- External potentiometer or voltage programming
- Air isolation, the minimum storage is 200mJ
- Positive or negative output

Wisman's MEA series is a high stability and precision high-voltage power supply module with AC input. MEA series module provides positive or negative high voltage output, strong arc protection, low starting voltage, low ripple, suitable for accelerator, ion beam and other applications . MEA series module power supply can be accurately measured and controlled internally and externally, with the protection functions includes over voltage, over current, arcing, and safety interlocks.

MEC
8kV-60kV

15W 20W 50W 60W 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input Voltage: 105Vac-125Vac
210Vac-25Vac alternating current
Ripple: ≤0.05% Vp-p
Stability:<0.01%/1 Hrafter starting half an hour,
<0.05%/1Hr
Temperature Coefficient: ≤25ppm/° C
Dimensions:
8-40KV:
(375mmx184mmx120mm)

- Low output ripple and noise less than 0.05%p-p
- High stability 0.01% per hour
- Low temperature coefficient 25ppm/° C
- Air isolation, fast dynamic response
- External potentiometer or voltage programming
- Suitable for harsh and severe loads

Wisman's MEC series is a high-stability and precision high-voltage power supply module. MEC series module has good regulating properties and provides positive or negative high voltage output, strong arc protection, low starting voltage, low ripple, suitable for accelerator, ion beam and other applications . MEC series module power supply can be accurately measured and controlled internally and externally, with the protection functions includes over voltage, over current, arcing, and safety interlocks.

MEF
1kV-70kV

15W 20W 50W 60W 100W 120W 180W 200W 300W **350W** 1KW 1.2KW

Input Voltage: 86Vac-256Vac; 47-63 Hz
Ripple: ≤0.1% Vp-p+1Vrms
Stability:<100ppm/1Hrafter startinghalfanhour
Temperature Coefficient: ≤25ppm/° C
Dimensions:
(80.00mm x 254.00mm x280.00mm)

3.15" H x 10.00" W x 11.02" D

- Over voltage, arc & short circuit protection
- Current and voltage automatic crossover control
- Local and remote control
- RS-232&RS-485& Ethernet is available
- Small size, easy to integrate into the system
- Safety interlock
- OEM customization available

Wisman's MEF Series of modular high voltage power supplies deliver up to 350W of continuous power, providing 0.99 power factor along with universal input voltage (86Vac to 265 Vac) capabilities. These fixed polarity modules feature both voltage and current regulation with auto-mastic crossover, And provide positive or negative high voltage. The MEF in corporate local and remote programming. An optional RS-232, RS-485 and ETHERNET is available. Safety interlock, short-circuit protection. And operating to the most exacting specifications.

MRL
1kV-100kV

15W 20W 50W 60W 100W 120W 180W **200W** 300W 350W 1KW 1.2KW

Input: +48Vdc±2%
Ripple: ≤0.1% Vp-p
Stability:<0.01%, 0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/° C
Dimensions:
5.51" H x 3.94" W x9.06" D
(140mm x 100mm x230mm)

- Optional USB20. RS232 /RS485 control
- 100kV, 2mA, the max power 200W
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- Local or remote control
- OEM customization available

Wisman MRL series are high-stability and precision high-voltage power modules. MRL series module power supplies provide positive or negative high voltage output. MRL series module power supply can be accurately measured and controlled internally, externally and by computer. MRL series module power supply protection includes overvoltage, overcurrent, arcing, safety interlock, etc.

MRD
1kV-160kV

15W 20W 50W 60W 100W 120W 180W 200W 300W 350W 1KW **1.2KW**

Input Voltage: 90Vac-264Vac; 47-63 Hz
180Vac-264Vac; 47-63 Hz
Ripple: ≤0.1% p-p
Stability: ≤0.0025%/ Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
4.72" H x 5.98" W x 11.97" D
(120.00mm x 152.00mm x 304.00mm)

- RS-232&RS-485& Ethernet is available
- Over voltage, arc & short circuit protection
- General input and power factor correction
- Voltage adjust, current adjust available
- Local and remote control
- Safety interlock
- OEM customization available

Wisman's MRD series is compact high voltage power supply with features of high stability and accuracy and perfect adjustment performance, providing both positive and negative high voltage output. MRD can be test and control via internal, external and computer. Standard ET, RS-232 and RS-485 optional. It provides over voltage, over current, arcing, short-circuit and safety interlock protection.

XAA
4.9kV-30kV

15W **20W** 50W 60W 100W 120W 180W 200W 300W 350W 1KW 1.2KW

Input: ±24Vdc±10% DC,
Ripple0.005%p-p
Load regulation: 0.01%
Line regulation: ±0.01%
Stability <0.007%/Hr,<0.02%/8Hr
Temperature coefficient≤25ppm/°C
Dimensions:
6.30" H x 1.18" W x 2.75" D
(160.00mm x30.0mm x70.0mm)

- Optional USB2.0, RS232, Rs485 Interfaces
- High Sability、Low ripple and noise
- Adjustable integrated filament supply
- Voltage and current adjustment function
- Local or remote control, or digital control
- Over voltage, arc & short circuit protection
- OEM customization available

Wisman XAA series high-voltage power supplies are small in size and used in X-ray tubes, with good regulation performance, low ripple, and high stability. The maximum output voltage of XAA series high voltage power supply is 30KV and the maximum power is 100W. Internally integrated 0-5.5V, adjustable DC filament power supply between 0A and 3.5A. The high voltage output terminal of XAA series power supply has functions such as over voltage, short circuit protection and safety interlock. Local or remote remote control, or digital control, provides optional USB2.0, RS-232 or RS-422 interface.

XRA
10kV-30kV

20W 35W 50W 60W **100W** 120W 180W 200W 300W 350W 600W 640W

Input Voltage: 24Vdc±10%；5.0A
Ripple: 0.1% p-p
Load regulation: 0.01%
Line regulation: ±0.01%
Stability: ≤0.01%/ Hr,≤0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
2.56" H×4.53" W×5.91" D
(65mm×115mm×150mm)

- Optional USB2.0, RS232 . RS485 is available
- Max output voltage10kV~30kV
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- OEM customization available

Wisman's XRA Series of regulated X-ray high voltage power is specialized for x-ray tube and with high stability and incorporate a filament supply which provides regulated DC current adjustable between 0A and 3.5 A at 5.5V. High voltage and filament current can be linearly ramped up. Output voltage ranges from 10kV to 30kV, output power ranges from 6W to 100W, An optional USB 2.0, RS-232 or RS-485 interface is optional. Wisman's XRA incorporates local and remote programming, safety interlock, short-circuit,overload protection and overvoltage protection.

XN
10kV-50kV

20W 35W **50W** 60W 100W 120W 180W 200W 300W 350W 600W 640W

Input: 24Vdc±10% DC,:5.0A
Maximum current 5A
Ripple＜0.1%p-p
Load regulation: 0.01%
Line regulation: 0.01%
Stability 0.0025%/Hr
Temperature coefficient ＜25ppm/℃
Dimensions:
2.95" H×2.95" W×8.06" D
(75.0mm×75. 0mm×205mm)

- 50kV, 50W the world's smallest size
- Optional USB2.0, RS232, RS485 Interfaces
- 50kV、2mA, max output 50W
- Adjustable integrated filament supply
- Voltage and current adjustment function
- Local or remote control, or digital control

Wisman's XN series is the smallest x-ray generator in the market today. It is 45% smaller than XRN series, the weight is 1.5kg, which output voltage ranges from10kV to 50kV and offers filament current to ground, 0~5Vdc adjustable, filament current 0.3A to 3.5A adjustable. XN series is with the function of overcurrent, overvoltage,arc and safety interlock etc and can be controlled locally and remotely, providing USB2.0, RS-232 and RS485 option.

XWA
30kV-50kV

20W 35W 50W **60W** 100W 120W 180W 200W 300W 350W 600W 640W

Input: 24Vdc±10% DC, 5.0A
Ripple＜0.1%p-p
Load regulation: 0.01%
Line regulation: 0.01%
Stability 0.005%/8Hr
Temperature coefficient ＜25ppm/℃
Dimensions:
2.87" H×3.94" W×7.99" D
(73.0mm×100.0mm×203. 0mm)

- 30kV-50kV, 2mA, max output power 60W
- Adjustable integrated filament supply
- Voltage and current adjustment function
- Local or remote control, or digital control
- Over voltage, arc & short circuit protection
- OEM customization available

Wisman XWA series high-voltage power supplies are small in size and used in X-ray tubes, with good regulation performance, low ripple, and high stability. The maximum output voltage of XWA series high voltage power supply is 50KV and the maximum power is 60W. Internal integrated 0-5.5V, adjustable DC filament power supply between 0A and 3.5A. The high-voltage output terminal of XWA series power supply has functions such as overvoltage, short circuit protection and safety interlock. Local or remote remote control, or digital control, provides optional USB2.0, RS-232 or RS-422 interface.

XRN
10kV-70kV

20W 35W 50W 60W **100W** 120W 180W 200W 300W 350W 600W 640W

Input Voltage: 24Vdc±10%
Ripple: 0.1% p-p
Load regulation: 0.01%
Line regulation: ±0.01%
Stability: ≤0.02%/ 8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.31" H x 2.95" W x 8.07" D
(135.0mm x75.0mm x205mm)

- Optional USB20. RS232. RS485 or ET is available
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- Local or remote control

Wisman's XRN series of regulated X-ray power supplies is a small size power supply for X-ray tube. XRN series of regulated X-ray power supplies offer output voltages to 10kV~70kV and incorporate a filament supply which provides regulated current adjustable between 0.3A and 3.5A at 5.5V. High voltage and filament rent can be linearly cramped up. The XRN incorporates local and remote programming, safety interlock, short-circuit and overload protection. An optional USB 2.0. RS-232. R-485 or ET is available.

XRW
25kV-65kV

20W 35W 50W 60W 100W 120W 180W 200W 300W 350W 600W 640W

Input Voltage: 24Vdc±10%
Ripple: 0.25% p-p
Load regulation: 0.01%
Line regulation: ±0.01%
Stability: ≤0.02%/ Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.51" H×3.35" W×9.45" D
(140mm×85mm×240mm)

- Optional USB2.0, RS232 . RS485 or ET is available
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- OEM customization available

Wisman's XRW series is a small size power supply for X-ray tube. XRW series of regulated X-ray power supplies offer output voltages 25kV~65kV and incorporate a filament supply which provides regulated dc current adjustable between 0.3A~3.5 A at 0~5.5V. High voltage and filament current can be linearly cramped up. The XRW incorporates local and remote programming, safety interlock, short-circuit and overload protection.

XFN
10kV-70kV

20W 35W 50W 60W 100W 120W 180W 200W 300W 350W 600W 640W

Input Voltage: 24Vdc±10%
Ripple: 0.25% p-p
Load regulation: 0.01%
Line regulation: ±0.01%
Stability: ≤0.02%/ Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
7.28"H X 2.95" W X 8.07" D
(185mm x 75mm x 205.0mm)

- Optional USB2.0, RS232 . RS485 or ET is available
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- OEM customization available

Wisman's XFN Series x-ray generator is designed for negative floating filament x-ray tubes from various manufacturers, operating from +24Vdc, output voltage ranges from 10kV to 70kV and up to 2mA of emission current limited to 50, 65,75 and 100 watts. Wisman's XFN x-ray generator utilizes a closed loop control to provide a high regulated beam current. The floating filament supply operates between 0.3 and 5 amps. XFN series x-ray generator is with the features of tight regulation, high stability, low ripple and small size, provides users both local and remote analog control to set beam voltage, emission current and filament current limit. An optional USB2.0, RS232, RS485 and Ethernet interface.

XEL
0.5kV-50kV

20W 35W 50W 60W **100W** 120W 180W 200W 300W 350W 600W 640W

Input Voltage: 86Vac±10%
Ripple: 0.1% p-p
Load regulation: 0.01%
Stability: ≤0.05%/ 8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.51" H×5. 11" W×9. 45" D
(140mm×130mm×240mm)

- Output voltage 10kV-50kV
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock

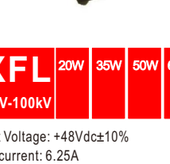
Wisman's XEL Series of regulated x-ray high voltage power supplies offers output voltages to 50kV and incorporate a filament supply which provides regulated DC current adjustable between 0.3A and 3.5A at 5.5V. High voltage and filament current can be linearly ramped up. Wisman's XEL series x-ray generator can be taken easily and incorporates local and remote programming, monitoring, safety interlock, short-circuit,arc and overload protection.

XFL
20kV-100kV

20W 35W 50W 60W **100W** 120W 180W 200W 300W 350W 600W 640W

Input Voltage: +48Vdc±10%
Max current: 6.25A
Ripple: <0.1% p-p
Stability: <0.05%/ Hr, <0.02%/8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
4.72" H×4.72" W×6.54" D
(120mm×120mm×166mm)

- Optional USB2.0, RS232 . RS485 or ET is available
- Max output voltage 100kV, max power 200W
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- OEM customization available



Wisman's XFL series, high stable, low ripple compact x-ray generator is specialized for all kinds of x-ray tubes from different manufacturers. XFL series can output negative voltage and provide floating filament voltage. Wisman's XFL series can realize local, remote and computer control, with option of RS232, RS485, USB2.0 and ET interface, XFL x-ray generator is with the function of overvoltage, overcurrent, arc and safety interlock protection .

XRL
20kV-100kV

20W 35W 50W 60W 100W 120W 180W **200W** 300W 350W 600W 640W

Input Voltage: +48Vdc±2%
Ripple: 0.1% p-p
Load regulation: 0.01%
Stability: <0.01%/ Hr, <0.02%/8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.51" H x 3.94" W x 9.06" D
(140mm x100mm x230mm)

- Optional USB2.0, RS232 . RS485 or ET is available
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock

Wisman's XRL Series of regulated x-ray power supplies offer output voltages to160kV and incorporate a filament supply which provides regulated DC current adjustable between 0.3A and 3.5A at 5.5V. High voltage and filament current can be linearly ramped up. Wisman's XRL x-ray generator incorporates local and remote programming, monitoring, safety interlock, short-circuit and overload protection. RS232, RS485, USB2.0 optional.

XRB
20kV-140kV

20W 35W 50W 60W 100W 120W 180W 200W **300W** 350W 600W 640W

Input Voltage: 24Vdc±10%
Max current: 12.5A
Ripple: <0.1% p-p
Load regulation: 0.01%
Stability: <0.01%/ Hr, <0.02%/8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.31" H×7. 47" W×9. 83" D
(135mm×190mm×250mm)

- Unipolar Module Bipolar Output
- 80kV-140kV, power 80W-300W
- Over voltage, arc & short circuit protection
- Optional USB2.0, RS232 . RS485 or ET
- Local or remote control
- Safety interlock

Wisman's XRB series of bipolar x-ray generator modules are designed for x-ray tubes manufacturers with the max output power 300W, max output voltage 140kV(±70kV). XRB's universal input, small package size and three standard digital interface options enable XRB x-ray generator to be easily integrated into x-ray analysis systems. The digital signal processor is based on the emission control circuit to provide good emission current calibration and significant stability. Wisman's XRB series x-ray generator can be controlled locally and remotely, with USB2.0, RS232 and RS485 option and overvoltage, overcurrent, arc and safety interlock function.

XRG
10kV-130kV

20W 35W 50W 60W 100W 120W 180W 200W **300W** 350W 600W 640W

Input 220Vac±10%
Ripple: <0.1% p-p+1Vrms
Stability: <100ppm
Temperature Coefficient: ≤25ppm/℃
Dimensions:
1.73"H X 19.00" W X 19.00" D
(44mm x 482.5mm x 482.5mm)

- Output voltage10kV-130kV
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Ethernet, optional USB2.0, RS232 . RS485 or ET
- Voltage & current programming
- Safety interlock

Wisman's XRG series x-ray generators is specialized for all kinds for x-ray tubes from different manufacturers, which integrates filament supply providing regulated DC current adjustable between 0.3A to 3A at 5.5V. Extremely stable voltage and emission current outputs result in significant performance improvements. Wisman's XRG series x-ray generator can realize remote control via potentiometer, and with the function of voltage, current monitoring, over voltage protection , short-circuit and safety interlock protection. RS232 and ET interface option.

XRH
160kV-180kV

20W 35W 50W 60W 100W 120W 180W 200W 300W 350W 600W **640W**

Input 220Vac±10%
Ripple: ≤320W: <0.1% p-p
≤640W: <0.7% p-p
Stability: <0.1%/8 Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
6.92"H X 19" W X 22" D
(176mm x 483mm x 558.8mm)

- Internally integrated suspended filament
- Internal integrated gate power supply
- Power factor correction
- Closed Loop Ray Current Control
- OEM customization available

Wisman's XRH series x-ray generator is a low-noise microfocus x-ray tube power supply with output power of 80W~640W and output voltage up to 180kV. These light weight rack-mount-able X-ray generator house a miniaturized high voltage system in a solid encapsulated design. Wisman's XRH series x-ray adopts an input power factor correction circuit, thereby reducing the requirement for input current and at the same time minimizing line-related EMI interference. Wisman's XRH series x-ray generator adopts wisman's unique high voltage floating technology, which integrates the floating filament and grid supply. Wisman's XRH series x-ray generator incorporates an internal floating filament and a closed loop emission control circuit for precise regulation of emission current, providing remote monitoring and control of voltage, current and filament current.

Wisman High voltage power supply, the world's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

XRD
20kV-160kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input Voltage: 300W;
90Vac-264Vac, 47Hz-63Hz600W;
180Vac-264Vac, 47Hz-63Hz
Ripple: <0.1% p-p
Load regulation: 0.01%
Line regulation: 0.01%
Stability: ≤0.0025%/ Hr
TemperatCoefficient: <25ppm/℃
Dimensions:
4.72"H×5.98"W×11.07"D
(120mm×152mm×304mm)

- Optional USB20. RS232 . RS485 or ET is available
- Local or remote control
- Power factor correction, quasi-resonant topology
- Over voltage, arc & short circuit protection
- Floating or grounded filament
- Safety interlock

Wisman's XRD series x-ray generator are designed for all kinds of X-ray tubes from different manufacturers. It is the best choice of OEMapplications. Wisman's XRD series x-ray generator adopts wide voltage input, small package size, standard analog and RS-232 digital interface, which it XRD series can chooeasier to integrate XRD series into your x-ray analysis system. se floating filament negative HV polarity) or ground referenced filament (positive HV polarity). DSP Based on control circuitry provides regulation of emission current, along with standing stability performance.

XDB
40kV-320kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input Voltage: 300W;
90Vac-264Vac, 47Hz-63Hz 600W;
180Vac-264Vac, 47Hz-63Hz
Ripple: <0.1% p-p
Load regulation: 0.01%
Line regulation: 0.01%
Stability: ≤0.0025%/ Hr
Temperature Coefficient: <25ppm/℃
Dimensions: 4.72"H×11.97"W×11.97"D
(120mm×304mm×304mm)

- Optional USB2.0, RS-232, RS-485 is available
- Bipolar outputs in a single unit
- Over voltage, arc & short circuit protection
- Universal input, power factor corrected
- Safety interlock
- OEM customization available

Wisman'sXDB series of bipolar -ray generators are designed for all kinds of X-ray tubes from different manufacturers. When the power is 1200W, it can provide a high voltage of 320KV (±160KV). Wisman's XDB series X-ray generator adopts wide voltage input, small package size, standard analog and RS-232 digital interface, which makes it easier to integrate the XDB series into your x-ray analysis system. DSP based control circuitry provides excellent regulation of emission current, along with standing stability performance.

XRF
30kV-60kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input 220Vac±10%
Ripple: <0.1% p-p+1Vrms
Load regulation: 0.005%+500mv
Stability: <100ppm
Temperature Coefficient: ≤25ppm/℃
Dimensions: 3.46"H×19.00"W×19.00"D
(44mm×482.5mm×482.5mm)

- Output voltage 30kV-60kV
- Adjustable integrated filament supply
- Over voltage, arc & short circuit protection
- Voltage & current programming
- Safety interlock
- Local or remote control

Wisman's XRF series, high stable, low ripple compact x-ray generator is specialized for all kinds of x-ray tubes from different manufacturers. XRF series is with the perfect protection system.Wisman's XRF series incorporates local, remote and computer programming, monitoring, safety interlock, over voltage, arc, short circuit and overload protection with option of standard RS232 and ET interface.

XDF
1kV-60kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: 180Vac-264Vac
Ripple:0.03%rms, <1KHZ;
0.75%rms, >1kHZ
Load regulation: 0.005%
Stability: <0.01%/8Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions: 5.20"H×19.00"W×24.00"D
(132mm×483mm×610mm)

- 4kW rack mount in a single 3U (5.25") rack mount
- Output voltage: 1kV-60kV
- Overvoltage, Arc and short circuit Protected
- Safety interlock function
- Ethernet, RS-232, Optional RS485 Digital Interfaces

Wisman's XDF series x-ray generator adopts new inverter design, which inludes IGBTs for power switching and provides new levels of reliability. Additionally, the audio noise at normal operation status by operating at a higher frequency will be eliminated by re-engineering of the XDF's internal filament supply. Wisman's XDF series x-ray generator utilize a sine wave current source, produced by phase shifting series resonant circuits at switching frequencies greater than 20kHz to generate high voltage dc. Which can eliminates undesirable electromagnetic radiation normally associated with switching and power control regulators. Wisman's XDFx-ray generator can realize the air cooling in a 5.25" CO) high chassis by its high efficiency. The digital interface RS-232, RS-485 and ET make it integrate to your x-ray analysis system easily.

NDT
160kV-450kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input Voltage: 90V-264V
Ripple: ≤0.025% P-P
Stability: 0.1%/ 8Hr
Temperature Coefficient: ≤±25ppm/℃
Dimensions: 11.95"H×11.95"W×18.08"D
(304mm×304mm×460mm)

- Excellent stability, low ripple, small size
- The ethernet can stor a variety of X-ray tube curves
- The ethernet can stor a variety of X-ray tube curves
- Arc, output short circuit protection
- OEM customization available

NDT series high-voltage power supply is a high-stability mode high-voltage power supply dedicated to X-ray tubes. It is the best choice of OEM applications. Spanning an output voltage range of 80kV, 225W, 320W, 450W optional. Power 20K. Wisman's NDT series X-ray generator adopts wide voltage input, small package size, standard analog and RS-232 digital interface, which makes it easier to integrate the NDT series into your x-ray analysis system. NDT series floating size filament can store a variety of X-ray tube characteristic curves. DSP base on control system gives the NDT series excellent regulation and excellent stability.

DEF
1kV-70kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input :86Vac-256Vac,47Hz-63Hz
Ripple / Noise (p-p): ≤1%rms
(>20kHz,0.1rms (≤20kHz)
Stability: <25ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
3.15" H×10.00" W×11.02" D
(80.00mm×254.00mm×280.00mm)

- Voltage input 86Vac-256Vac
- Power factor corrected
- Local/Remote/Analog/Digital control
- Ethernet, RS-232, Optional RS485 Digital Interfaces
- Over-voltage, Arc and short circuit Protected
- Short circuit protection, safety interlock function

Wisman's DEF series high-voltage power supply is a dedicated high-stability modular high-voltage power supply with a voltage of 1KV-70KV. DEF series is a 350W high-voltage power supply module with AC wide voltage input, with power factor correction function, automatic cross control of voltage regulation and current regulation. DEF series module power supply has good regulation performance, and provides positive high voltage or negative high voltage output, which can be precisely measured and controlled by internal, external and computer, standard network interface, optional RS-232, RS-485 digital interface.

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High voltage power supply
威思曼高压电源
Rack Mount

Wisman High voltage power supply, the world's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

DEC
0.5KV-70KV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: 86Vac-256Vac, 10A
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability: 100ppm/Hr
Temperature Coefficient: 25ppm/℃
Dimensions:
6.68"H×6.68"W×16.11"D
(170mm×170mm×410mm)

- Optional USB2.0, RS-232 control
- Output: 70kV, 2mA, 200W max
- Over-voltage, Arc and short circuit Protected
- Voltage and current adjustment function
- Local or remote control
- Safety interlock function
- OEM customization available

The Wisman DEC series is a portable high stability precision high voltage The source. DEC series module power supply has good adjustment performance, And provides positive or negative high voltage output, DEC series module electricity Source can be inside, outside, computer precision measurement and control, USB2.0, RS- 232 Port This parameter is optional. DEC series module power supply has over voltage, Over current, arc drawing, safety interlock, etc. The source. DEC series module power supply has good adjustment performance, And provides positive or negative high voltage output, DEC series module electricity Source can be inside, outside, computer precision measurement and control, USB2.0, RS- 232 Port This parameter is optional. DEC series module power supply protection has over voltage, Over current, arc drawing, safety interlock, etc.

DL
1kV-130kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: 220Vac±10%(optional 110Vac)
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability: <100ppm/Hr
Temperature Coefficient: 25ppm/℃
Dimensions:
10W-300W:
1.73"H×19.00"W×19.00"D
(44mm×482.5mm×482.5mm)
600W-1200W:
3.46"H×19.00"W×19.00"D
(88mm×482.5mm×482.5mm)

- Standard Ethernet, RS-232 digital interface
- Voltage and current programming
- Safety interlock function
- Local or remote control
- OEM customization available

Wisman's DL series high voltage power supply is a high-performance 19'' standard rack-mounted high-voltage power supply. DL series has a complete protection system,which can be controlled remotely or locally. Its front panel has voltage and current display, high-voltage output terminal over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlock functions with wide range of adjustment and flexible multiple optional functions.

DA
0.5kV-100kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: 220Vac±10%(optional 110Vac)
Ripple/Noise(p-p): 0.3%p-p+1Vrms
Stability: <100ppm/Hr
Temperature Coefficient: 100ppm/℃
Dimensions:
3.46"H×19.00"W×19.00"D
(88mm×482.5mm×482.5mm)

- Standard Ethernet, RS-232 digital interface
- Over-voltage/current protection, Arc and short circuit protection
- Voltage and current programming
- Safety interlock function
- Local or remote control
- OEM customization available

Wisman's DA series are high-performance 19' standard rack-mounted high-voltage power supplies. The DA series has a complete protection system. It can be controlled remotely or locally. The front panel has voltage and current display, high-voltage output terminal over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlocking functions. Wide range of adjustment and flexible multiple optional functions.

DF
1kV-70kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input 180Vac-264Vac, 50/60Hz-63Hz
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Temperature Coefficient: ≤25ppm/℃
Dimensions:
5.20"(3U)H×19"W×24"D
(132mm×482.5mm×610mm)

- 4kV rack-mount, 3U(5.25")/unit
- Output voltage: 1kV~70kV
- Voltage and current programming l
- Arc and short circuit protection
- Standard Ethernet, RS-232 digital interface
- OEM customization available

nan's DF series high-voltage power supply is a high-performance -inch chassis-type high-voltage power supply. DF series has a complete protection system that be controlled remotely or locally. The front panel has tage and current display, and the high-voltage output rotected against over-voltage, over-current, and short circuit, ng, over-temperature protection and safety interlock and other functions. e range of adjustment and flexible multiple optional features.

DE
1KV-150KV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: 360Vac-528Vac
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability: 0.02ppm/Hr
Temperature Coefficient: 25ppm/℃
Dimensions:
10.5"H×19.00"W×21.00"D
(266mm×482.6mm×533mm)

- 6kV rack-mount, 6U(10.5")/unit
- Voltage and current programming
- Arc and short circuit protection
- Standard Ethernet, RS-232 digital interface
- OEM customization available

Wisman's DE series is a high-performance 19' standard rack-mounted high-voltage power supply. The DE series has a complete protection system. It can be controlled remotely or locally. The front panel has voltage and current display, high-voltage output terminal over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlocking functions. Wide range of adjustment and flexible multiple optional functions.

DR
±1kV-±150kV

200W 300W 350W 500W 1KW 1.2KW 1.8KW 2KW 3KW 4KW 5KW 6KW

Input: Standard: 360-528Vac, 50/60Hz, 3 Phrase
Optional: 180~264Vac, 50/60Hz, 3 Phrase(3PH220)
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability: 0.02ppm/Hr
Tmperature Ceoefficient: 25ppm/℃
Dimensions:
1KV-120KV:
10.5"(6U)H×19"W×21"D
(266mm×482.5mm×533mm)
150KV:
10.5"(6U)H×19"W×23"D
(266mm×482.5mm×583mm)

- 6kV rack-mount, 6U(10.5")/unit
- Output voltage: ±1kV-±150kV
- Polarity reversible
- Voltage and current programming
- Arc and short circuit protection
- Standard Ethernet, RS-232 digital interface

Wisman's DR series of 6kW polarity reversible high voltage power supplies are available in positive or negative polarities in 19 different models with outputs ranging from ±1kV to ±150kV. DR series' front panel can realize local control easily, while the analog interface of the back panel can realize remote control. The standard Ethernet and digital interfaces RS-232 can be designed to integrate the DR series into yours system. DR Series power supply adopts wisman's unique external polarity reversible design, polarity reversible by changing external wiring.

DC
0kV-130kV

20W 40W 100W **2KW** 4KW 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input：Standard: 360-528Vac, 50/60Hz, 3 Phrase
Optional: 180~264Vac, , 50/60Hz, 3 Phrase(3PH220)
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability：0.02ppm/Hr
Temperature Coefficient: 25ppm/℃
Dimensions:
1KV-120KV:
10.5"(6U)H×19"W×21"D
(266mm×482.5mm×533mm)
150KV:
10.5"(6U)H×19"W×23"D
(266mm×482.5mm×583mm)

- Safety interlock function, high and low level start and stop function
- Over-voltage protection, Arc and short circuit protection
- Voltage and current automatic cross adjustment function
- Local or remote control
- High stability 0.01%, low ripple 0.02%
- Standard Ethernet and RS-232, optional RS-485 digital interface

Wisman's DC series high voltage power supply is a high-performance 19'' standard rack-mounted high-voltage power supply, suitable for accelerators, ion beam implantation and other harsh occasions, with fast ignition recovery. The output starts from 0, and the indicators below 5% of the rated output drop slightly. DC series has a complete protection system.

DG
1kV-225kV

20W 40W 100W 2KW 4KW 6KW 8KW 10KW 24KW 50KW 80KW **100KW**

Input：360-528Vac
Ripple/Noise(p-p): 0.1%p-p+1Vrms
TemperaStability：0.02ppm/Hr
ture Coefficient：25ppm/℃
Dimensions：
10.5" H× 19"W×21"D
(266mm×482.5mm×533mm)

- 12kV rack-mount, 6U(10.5″)/unit
- Voltage and current programming
- Arc and short circuit protection
- Standard Ethernet, RS-232 digital interface
- OEM customization available

Wisman's DG series is a high-performance 19'' standard rack-mounted high-voltage power supply. The DG series has a complete protection system. It can be controlled remotely or locally. The front panel has voltage and current display, high-voltage output terminal over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlocking functions. Wisman's DG series is with wide range of adjustment and flexible multiple optional functions.

DH
150kV-200kV

20W 40W 100W **2KW** 4KW 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input：220Vac±10%
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Temperature Coefficient: 100ppm/℃
Dimensions:
10.5"(6U)HX1"WX22"D
(266mmx482.5mmx558mm)

- Output voltage: 150kV~200kV
- Voltage and current programming
- Arc and short circuit protection
- Standard Ethernet and RS-232, optional RS-485 digital interface
- OEM customization available

Wisman's DH series is a high-performance 19'standard rack type high-voltage power supply, standard 150kV, 200kV, 300kV, and DH series has a complete protection system. It can be controlled remotely or locally. The front panel has the functions of voltage and current display, over-voltage, over-current, short circuit protection, arcing, over temperature protection, safety interlock, etc. Wide range adjustment and flexible multiple optional functions. Many operational features can be configured by the user to suit their particular requirements.

SDL
2kV-260kV

20W 40W 100W 2KW 4KW **6KW** 8KW 10KW 24KW 50KW 80KW 100KW

Input: 220Vac±10%(optional 110Vac), 20A max
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability：<100ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
3.46" H× 19.00"W×19.00"D
(88mm×482.5mm×482.5mm)

- One SDL can be used as three units
- Standard Ethernet and RS-232, optional RS-485 digital interface
- Voltage and current programming
- Local or remote control
- Safety interlock function
- OEM customization available

Wisman's SDL series are high-performance 19' standard rack-mounted high-voltage power supplies. It has a complete protection system and can be controlled remotely or locally. The front panel has voltage and current display. High-voltage output terminal has over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlocking functions. With wide range of adjustment and flexible multiple optional functions. One Wisman's SDL can be used as three.

SDF
2kV-140kV

20W 40W 100W 2KW 4KW 6KW **8KW** 10KW 24KW 50KW 80KW 100KW

Input:
Standard:360-528Vac, 50/60Hz, 3Phrase
Optional: 180~264Vac, , 50/60Hz, 3Phrase(3PH220)
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability：<0.02%/Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
10.5" (6U)H× 19.00"W×19.00"D
(266mm×482.5mm×610mm)

- 8kV rack-mount, 6U(10.5″)/unit
- Output voltage: 2kV~140kV
- Voltage and current automatic cross adjustment function
- Arc and short circuit protection
- Standard Ethernet and RS-232 digital interface
- One SDL can be used as three units, optical fiber communication optional

Wisman's SDF series high-voltage power supply can output positive and negative polarity at the same time, and can also output positive and negative polarity separately. The output range is from 2KV to 140KV, and there are 16 specifications. The fully functional front panel of SDF high-voltage power supply is very convenient for local control. The analog interface on the rear panel can realize remote control. Standard network port and RS-232 digital interface allow SDF high voltage power supply to be easily designed in your complete system. One SDF power supply can be used as three units. SDF is one power supply not two. The upper and lower layers cannot be separated. Although the SDF series is one power supply, it can be used as three power supplies.

SDG
2kV-300kV

20W 40W 100W 2KW 4KW 6KW 8KW 10KW **24KW** 50KW 80KW 100KW

Input: 360-528Vac
Ripple/Noise(p-p): 0.1%p-p+1Vrms
Stability：<0.02%/Hr
Temperature Coefficient: ≤25ppm/℃
Dimensions:
21"H×19"W×21"D
(533mm×482.5mm×533mm)

- 24kV rack-mount, 12U(21″)/unit
- Standard Ethernet and RS-232 digital interface
- Voltage and current programming, Arc and short circuit protection
- Output voltage: 2kV~300kV
- OEM customization available

One Wisman's SDG can be used as three units. The positive and negative voltage 12KW can be used alone, and the positive and negative synchronous output can also be used as 24KW. Wisman's SDG series are high-performance 19'' standard rack-mounted high-voltage power supplies. It has a complete protection system and can be controlled remotely or locally. Its front panel has voltage and current display, high-voltage output terminal has over-voltage, over-current, short-circuit protection, arcing, over-temperature protection and safety interlocking functions. Wisman's SDG series is with wide range of adjustments and flexible multiple optional functions.

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Rack Mount

Wisman High voltage power supply, China's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

TA
200kV-600kV

20W 40W 100W 2KW **4KW** 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input: 198-264V RMS
Ripple: Refer to TA Selection Tabl
Load regulation: 0.005%
Line regulation: ±0.005%
Stability: 0.01%/Hr
Temperature Coefficient: ≤±25ppm/°C
Dimensions: 8.43" H×20.21" W×22.56" D
(214.1mmX515.9mmX573.0mm)

- Power factor corrected
- PWM Pulse-width modulation Series Resonant Topology
- Air insulated
- Constant voltage/current operation
- Low ripple, low noise
- Arc and short circuit protected
- OEM customization available

Wisman TA series is a high-performance tower air-insulated high-voltage power supply dedicated for accelerator and capacitor charging and discharging. TA series has a complete protection system. It can simulate remote control or computer remote control, constant voltage and constant current automatic cross control, high voltage output terminal overvoltage, overcurrent, short circuit protection, arcing, overtemperature protection and safety interlocking functions. Wide range of adjustment and flexible multiple optional functions.

TB
200kV-600kV

20W 40W 100W 2KW **4KW** 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input: 187-228V RMS
Ripple: Refer to TB Selection Table
Load regulation: 0.005%
Line regulation: ±0.005%
Stability: 0.01%/Hr
Temperature Coefficient: ≤±25ppm/°C
Dimensions: 8.43"H×20.31"W×22.56"D
(214.1mmX515.9mmX573.0mm)

- Optional Ethernet, RS-232, RS485 Digital Interfaces
- Power factor corrected
- PWM Pulse-width modulation Series Resonant Topology
- Air insulated
- Arc and short circuit protected
- OEM customization available

Wisman TB series is a high-performance tower air-insulated high-voltage power supply dedicated for accelerator and capacitor charging and discharging. The TB series has a complete protection system. It can simulate remote control or computer remote control, constant voltage and constant current automatic cross control, high voltage output terminal overvoltage, overcurrent, short circuit protection, arcing, overtemperature protection and safety interlocking functions. Wide range of adjustment and flexible multiple optional functions.

TC
200kV-600kV

20W 40W 100W 2KW 4KW **6KW** 8KW 10KW 24KW 50KW 80KW 100KW

Input: 187-228V RMS
Ripple: Refer to TC Selection Table
Stability: 0.01%/Hr
Temperature Coefficient: ≤±25ppm/°C
Dimensions: 8.43"H×20.31"W×22.56"D
(214.1mmX515.9mmX573.0mm)

- Optional Ethernet, RS-232, RS485 Digital Interfaces
- Power factor corrected
- PWM Pulse-width modulation Series Resonant Topology
- Air insulated
- Arc and short circuit protected
- OEM customization available

Wisman TC series is a high-performance tower air-insulated high-voltage power supply, which is dedicated for accelerator and capacitor charging and discharging. The TC series has a complete protection system. It can simulate remote control or computer remote control, constant voltage and constant current automatic cross control, high voltage output terminal overvoltage, overcurrent, short circuit protection, arcing, overtemperature protection and safety interlocking functions. Wide range of adjustment and flexible multiple optional functions.

MSB
1kV-30kV

20W 40W 100W 2KW 4KW 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input: 220Vac±5%,
input current less than 1A
Stability: <0.01%/Hr, <0.02%/8Hr
Ripple:See "MSA Selection Table"
Temperature coefficient: <25ppm/℃,
optional 10ppm/℃
Dimensions:
See "MSB Mechanical Dimensions"

- The maximum number of output voltage channels is 512
- Each channel can be used as an independent power supply
- 1KV—30KV, 2W—20W
- Floating ground, shielded on six sides
- Panel control or computer remote control
- Can be customized according to user requirements

Wisman's MSB multi-channel high-voltage power supply outputs 512 channels max. Each channel can be used and controlled by MSB system independently via front panel, providing with voltage and current monitor on the front panel. These MSB systems are specifically designed with proprietary linear power conversion techniques to provide exceptionally low ripple and noise. MSB system can be controlled remotely, with RS-485 interface, overcurrent, arcing and short circuit protection options.

MS
1kV-70kV

20W 40W **100W** 2KW 4KW 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input:220Vac±10%, (AC110V optional)
The maximum current is 10A.
85% efficiency, power
Factor 0.995
Ripple:0.1%p-p (lower ripple can be customized)
Temperature coefficient:
≤25ppm/℃,
Dimensions: 266mm×483mm×610mm

- 10-channel independent output, control, display
- Standard RS-485 computer remote control
- Over voltage, arcing and output short circuit protection
- Can be customized according to user requirements
- Higher temperature coefficient

Wisman's MS series is a high performance 19' standard rack 10-channel output high-voltage power supply, 10 channels start independently Stop, independent control voltage and current independent display, display The number of digits is 4, and the output voltage and current of each channel can be Same or different, suitable for accelerators, ion In severe situations such as injection, the ignition can be recovered quickly. Output Starting from 0, the indicators below 5% of the rated output are slightly slightly decreased.

MSA
1kV-30kV

20W 40W 100W 2KW 4KW 6KW 8KW 10KW 24KW 50KW 80KW 100KW

Input220Vac±5%,inputcurrentlessthan1A
Stability: <0.01%/Hr, <0.02%/8Hr
Ripple: See "MSA Selection Table"
Temperature coefficient:
<25ppm/ ℃, optional 10ppm/℃
Dimensions:482.5mm×207.5mm×44mm

- The maximum number of output voltage channels is 512
- Each channel can be used as an independent power supply
- 1KV—30KV, 2W—20W
- High stability, ultra-low ripple, low noise
- Panel control or computer remote control
- Can be customized according to user requirements

Wisman's MSA is a multi-channel output high-voltage power supply system, the system can output up to 512 channels, and each channel can be used as an independent power supply after being disassembled independently. The system can individually control each channel through the front panel, and the front panel has the voltage and current display head of the channel; the system can also be remotely measured and controlled through a computer, and the RS-485 communication interface is standard. The unique linear power conversion technology ensures the ultra-low ripple of the system. This series of modules has protection functions such as over current, arcing, and short circuit.

MSC
1kV-30kV

2W 10W **20W** 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input:220Vac±5%, ＜ Input current 1A
Stability: ＜0.01%/Hr, ＜0.02%/8Hr
Ripple: See MSA Selection example.
Temperature Coefficient:
＜25ppm/℃, option 10ppm/℃
Dimensions:
See MSA Mechanical Dimensions

- Output voltage 2 channels
- The output voltage of each channel can be given and displayed independently
- High stability, low ripple, low noise
- Floating ground, shielded on six sides
- Arcing, continuous short circuit protection
- Panel control or computer remote control
- Can be customized according to user requirements

Wisman's MSC 2-channel output high-voltage power supply system. Each channel can be used and controlled by MSC system independently via front panel, providing with voltage and current monitor on the front panel. These MSC systems are specifically designed with proprietary linear power conversion techniques to provide exceptionally low ripple and noise. MSA system can be controlled remotely, with RS-485 interface, overcurrent, arcing and short circuit protection options.

ZA
±(50V-2kV)

2W **10W** 20W 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: +24Vdc±10%
Ripple: 0.001% P-P
Load regulation: 0.01%
Line regulation: ±0.001%
Stability: ≤0.001%/ Hr
Temperature Coefficient: ≤10ppm/℃
Dimensions: 0.87"H×2.25"W×2.75"D
(22.00mm×57.00mm×70.00mm)

- Output voltage: ±50V~±2kV
- Through zero voltage programming & setting
- Arbitrary waveform HV amplifier
- Fast reversing, slewing & setting
- High stability, low temperature
- Low ripple
- Arc and short circuit protection
- OEM customization available

The ZA range is a unique family of high voltage power supplies, extending the operation and versatility of Wisman High Precision series. The ZA units feature very fast slewing and settling t imes, together with the ability to slew cleanly through zero. With a differential control input. They operate like a high voltage amplifier with very tight temperature co-efficient of <10ppm/℃. the ZA range also features a 4 quadrant output stage, so the unit can source or sink up to its maxiun output current, in either polarity.

AMR
±(0±10kV)

2W 10W **20W** 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
max current 1A(110Vac 2A)±optional max current
DC voltage gain accuracy: <0.1%
DC offset voltage < ±2mV
Output noise<0.5Vrms
Conversion rate: > 35V /μs
Temperature Coefficient: ≤25ppm/℃
(generally 10% to 90%)
Stability: <50ppm/hr
Dimensions: 3.46"H×8.27"W×14.37"D
(25mm×100mm×126mm)

- Output voltage: 0 ~±10kV DC or AC peak
- Output current: 0 ~±2 mA DC or AC peak
- Conversion rate: > 35V /μs
- Large signal bandwidth (-3 dB) or > 1.2 KHZ
- DC voltage gain: 1000V /V
- Same phase proportional amplifier
- Can be used as a DC power supply

Wisman's AMR model is a high-voltage power amplifier for industrial and research applications with an all-solid-state high-voltage insulation design that enables high conversion rates, wide band, wide band and low noise operation. Four quadrant active output absorbs or outputs current to electrically or resistive loads over the entire output voltage range. This type of output is critical to achieving accurate output responses and the high conversion rates required for various loads, such as highly capacitive or reactive loads. The amplifier is an in-phase amplifier.

AME
±(1kV-4kV)

2W 10W 20W 40W 60W **80W** 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
max current 1A(110Vac 2A)±optional max current
Ripple: ≤0.01%p-p
Temperature Coefficient: ≤25ppm/℃
Stability: <50ppm/hr
Dimensions: 3.46"H×8.27"W×14.37"D
(88mm×210mm×365mm)

- Output voltage: 0 to ±4 kV DC or peak AC
- Output current: 0 to ±20 mA DC or peak AC
- Conversion rate: > 150V /μs
- Large signal bandwidth (-3 dB) or > 6KHZ
- DC voltage gain: 1000V /V
- Same phase proportional amplifier
- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision

Wisman's AME model is a high-voltage power amplifier for industrial and research applications with an all-solid-state high-voltage insulation design that enables high conversion rates, wide band, wide band and low noise operation. Four quadrant active output absorbs or outputs current to electrically or resistive loads over the entire output voltage range. This type of output is critical to achieving accurate output responses and the high conversion rates required for various loads, such as highly capacitive or reactive loads. The amplifier is an in-phase amplifier.

AMS
0-±5kV)

2W 10W 20W **40W** 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
max current 1A(110Vac 2A)±optional max current
Output noise<0.5Vrms
Stability: <50ppm/hr
Temperature Coefficient: ≤25ppm/℃
Dimensions: 3.46"H×8.27"W×14.37"D
(88mm×210mm×365mm)

- Output voltage: 0 to ±5 kV DC or peak AC
- Output current: 0 to ±8 mA DC peak AC
- Conversion rate: > 150V /μs
- Large signal bandwidth (-3 dB) or > 13KHZ
- DC voltage gain: 500V /V
- Drive capacitive load through four quadrant output
- Can be used as a DC power supply

Wisman's AMS series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMN
±(0kV-2kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
max current 5A(110Vac 2A)±optional max current 10A
DC voltage gain accuracy: < 0.1%
Output noise<0.5Vrms
Conversion rate: > 750V /μs
(generally 10% to 90%)
Dimensions: 10.4"H×19.00"W×25.00"D
(264.00mm×483.00mm×635.00mm)

- Output voltage: 0 to ±2 kV DC or peak AC
- Output current: 0 to ±200 mA DC or ±400 mA
- Conversion rate: > 750V /μs
- Large signal bandwidth DC 60 KHZ
- DC voltage gain: 200V /V
- Same phase proportional amplifier
- Drive capacitive load through four quadrant output
- Can be used as a DC power supply

Wisman's AMN series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

Wisman High voltage power supply, China's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.
https://www.wsmhv.com

AMK
± (0-5kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W **400W** 500W 600W

Input: 220Vac±10%,
max current 5A(110Vac 2A)±optional max current
Ripple: ≤0.001%p-p
DC voltage gain: 500V /V
Output noise<0.5Vrms
Conversion rate: > 1000V /μs
(generally 10% to 90%)
Dimensions: 10.4"H×19.00"W×25.00"D
(264.00mm×483.00mm×635.00mm)

- Output voltage: 0 to ±5 kV DC or peak AC
- Output current: 0 to ±80 mA DC peak AC
- Conversion rate: 1000V /μs
- Large signal bandwidth DC 60 KHZ
- DC voltage gain: 500V /V
- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision
- Arc, output short circuit protection
- Can be used as a DC power supply

Wisman's AMK series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AML
(0~±7.5kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W **400W** 500W 600W

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 15kHZ (-3dB)
Small signal bandwidth (3db): DC to greater than 75khz (1% distortion)
Dimensions: 10.4"H×19.00"W×25.00"D
(264.00mm×483.00mm×635.00mm)

- Output voltage: 0 to ±7.5 kV dc
- Output current: 0 to ±50 mA dc
- Conversion rate: 1000V /μs
- DC voltage gain: 750V /V
- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision
- Arc, output short circuit protection
- Can be used as a DC power supply

Wisman's AML series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMU
(0~±10kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W **400W** 500W 600W

Input: 220Vac±10%, current 5A
Stability: <50ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 23kHZ
Small signal bandwidth (-3d): DC to 25KHZ
Dimensions: 10.4"H×19.00"W×25.00"D
(264.00mm×483.00mm×635.00mm)

- Output voltage: 0 to ±10 kV dc
- Output current: 0 to ±40 mAdc
- Conversion rate: 900V /μs
- DC voltage gain: 1000V /V
- Low output noise, closed-loop system to ensure high precision
- Can be used as a DC power supply

Wisman's AMU series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMV
(0~±20kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 5.2 kHZ
Small signal bandwidth (-3d): DC to 20HZ
Dimensions: 10.4" H×19.00" W×25.00" D
(264.00mm×483.00mm×635.00mm)

- Output voltage: 0 to ±20 kV dc
- Output current: 0 to ±40 mA dC
- Conversion rate: 800V /μs
- DC voltage gain: 2000V /V
- Low output noise, closed-loop system to ensure high precision
- Can be used as a DC power supply

Wisman's AMV series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMW
(0±20kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: ≤25ppm/℃
Polarity: Reversible by remote logic signal
Dimensions: 11.00"H×19.00"W×75.00"D
(279.00mm×482.00mm×654.00mm)

- Output voltage: 0 to ±20 kV DC or peak AC
- Output current: 0 to ±20 mA DC or peak AC
- Conversion rate: 450V /μs
- Large signal bandwidth DC to greater than 3.75khz
- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision
- Arc, output short circuit protection
- Can be used as a DC power supply

Wisman's AMW series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMX
(0~±30kV)

2W 10W 20W 40W 60W 80W 100W 200W 300W 400W 500W 600W

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: <25ppm/℃
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 2.5 kHZ
Small signal bandwidth (-3 db): DC to 30 KHZ (1% distortion)
Dimensions: 41.00" H×17.00" W×34.00" D
(1040mm×430mm×870mm)

- Output voltage: 0 ~ ±30kv DC or AC peak
- Output current: 0 ~ ±20 mA DC or AC peak
- Conversion rate: >550V /μs
- DC voltage gain: 3000V /V
- Low output noise, closed-loop system to ensure high precision
- Can be used as a DC power supply

Wisman's high voltage amplifier AMC30R600, output voltage ±30kV, output current 20mA, type is a high voltage power amplifier, used in industrial and research applications. All solid-state high voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

Wisman High voltage power supply-China's leading manufacturer Phone:086-029-89282015 E-mail：Anna@wismanhv.com

AMY (0~±40kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: <25ppm/°C
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 1.4 kHZ
Small signal bandwidth (-3 db): DC to 20 KHZ (1% distortion)
Dimensions: 41.00"H×17.00"W×34.00"D
(1040mm×430mm×870mm)

- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision
- Arc, output short circuit protection
- Utilize complete solid-state design and maintenance-free design
- DC Stabilized Programmable Power Supply Applications
- Low output noise for precise output

Wisman's high voltage amplifier AMY40R600, output voltage ±40kV, output current 15mA, type is a high voltage power amplifier, used in industrial and research applications. All solid-state high voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMZ (0~±50kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 220Vac±10%, current 10A
Stability: <50ppm/Hr
Temperature Coefficient: <25ppm/°C
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 1.4 kHZ
Small signal bandwidth (-3 db): DC to 20 KHZ (1% distortion)
Dimensions: 58.01"H×24.75"W×34.70"D
(1473.5mm×628.7mm×948.4mm)

- Drive capacitive load through four quadrant output
- Low output noise, closed-loop system to ensure high precision
- Arc, output short circuit protection
- Utilize complete solid-state design and maintenance-free design
- DC Stabilized Programmable Power Supply Applications
- Low output noise for precise output

Wisman's high-voltage amplifier AMZ50R600 has an output voltage of ±50kV and an output current of 12mA. The type is a high-voltage power amplifier for industrial and research applications. All solid-state high voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

AMH (0~±60kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 220Vac±10%
Stability: <50ppm/Hr
Temperature Coefficient: <25ppm/°C
Polarity: Reversible by remote logic signal
Large signal bandwidth DC to 1.4 kHZ
Small signal bandwidth (-3db) DC to 20KHZ (1% distortion)
Dimensions: 58.01"H×24.75"W×34.70"D
(1473.5mm×628.7mm×948.4mm)

- Output voltage: 0~±60kv DC or AC peak
- Output current: 0~±10 mA DC or AC peak
- Conversion rate: >350V/μs
- DC voltage gain: 6000V/V
- Low output noise, closed-loop system to ensure high precision
- Can be used as a DC power supply

Wisman's high-voltage amplifier AMH60R600, output voltage ±50kV, output current 10mA, type is a high-voltage power amplifier, used in industrial and research applications. All solid-state high voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

PRA ±(1kV-8kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vdc±2%
Ripple / Noise (p-p): 0.01% p-p
Load Regulation: 0.1%
Linear adjustment rate: 0.1%
Stability: ≤0.1%/Hr
Temperature Coefficient: 25ppm/°C
Dimensions:
0.98"H X 3.94" W X 4.96"D
(25mm X 100mm X 126mm)

- Hot switchable polarity reversible via a logic signal
- Polarity reversal within 10mS
- Well regulated, low ripple
- Optional RS-232, RS-485 control
- Arc and short circuit protection
- OEM customization available

R

Wisman's PRA is a high-performance DC-DC converter with excellent regulation performance and "hot-switching" polarity reversal function. The low ripple specification of the PRA series makes it ideal for mass spectrometry analysis, and the rated output of PRA is ±8kV, using a shielded metal case and controlling the output polarity reversal through logic signal input, such as providing a variety of positive and negative polarity reversal times, lower ripple performance, higher voltage and higher current, etc. The reversal time can be 10ms, 25ms, 50ms, 100ms, 250ms, 500ms, 1s.

PRB ±(1kV-20kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vdc±2%
Ripple / Noise (p-p): 0.01% p-p
Stability: ≤0.1%/Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
2.05"H x 6.61"W x 6.50"D
(52.00mm x 168.00mm x165.00mm)

- Optional RS-232, RS-485 control
- Hot switchable polarity reversible via logic signal
- Well regulated, low ripple
- Voltage and current monitor
- Polarity reversal within 10ms
- Arc and short circuit protection

R

Wisman's PRB is a high-performance DC-DC converter with excellent regulation performance and "hot-switching" polarity reversal function. PRB use a shielded metal case and controlling the output polarity reversal through logic signal input. This power supply can be easily customized according to user requirements to meet OEM needs, such as providing a variety of positive and negative polarity reversal times, lower ripple performance, higher voltage and higher current, etc. The reversal time can be 10ms, 25ms, 50ms, 100ms, 250ms, 500ms, 1s.

PRC ±(1kV-30kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vdc±10%
Ripple / Noise (p-p): 0.01% p-p
Stability: ≤0.1%/Hr
Temperature Coefficient: ≤25ppm/°C
Dimensions:
3.5"H x 5.0"W x 10.0"D
(89.00mm x 127.00mm x 254.00mm)

- Optional RS-232, RS-485 control
- Polarity reversible upon command in 1s, at no load
- Low storage energy, current limited output
- Cost effective modular design
- Local and remote control
- OEM customization available

R

Wisman's PRC is a high-performance DC-DC converter with excellent regulation and "hot-switching" polarity reversal function. The low ripple characteristics of this power supply make it ideal for mass spectrometer applications and also suitable for security screening systems, multiplier electrode, sample ionization, capillary electrophoresis and electrostatic printing and other applications. Through the remote reference signal to the ground, the output voltage can be safely adjusted within the range of ±1~±30kv. In addition, polarity and mode indicators allow users to have a comprehensive understanding of power supply operation at any time.

wisman®
High voltage power supply
威思曼高压电源

Application Specific

Wisman High voltage power supply, China's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

PRE ±(1kV-30kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 86Vac~256Vac, 50/60Hz
Ripple / Noise (p-p): ≤0.001% p-p
Temperature Coefficient: ≤25ppm/°C
Polarity: Can be reversed by remote logic signal
Stability: ≤0.01%/Hr
Dimensions:
4.72" H× 7.09"W×11.02"D
(120mm×180.00mm×280.00mm)

- Optional RS-232, RS-485 control
- ±1KV~±30kV, 0~300uA, remote given
- Well regulated, low ripple
- Polarity reversible upon command in 1s, at no load
- Local and remote control
- Low storage energy, current limited output
- Cost effective rack-mount design
- OEM customization available

R

Wisman's PRE is a full-featured rack-mounted high voltage power supply ideal for laboratory using. The power supply has been carefully designed to meet the needs of those applications requiring hot-switchable reversible output voltage. The output can be reversed quickly and safely through the front panel switch Polarity. PRE has excellent load and line regulation performance, high stability, low ripple. Optional network port, RS-232 or RS-485 interface.

PF (20V-5kV)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vdc±10%, 10A
Temperature Coefficient: <200ppm/°C
Stability: <0.1%/Hr
Dimensions:
1.69"H× 3.93"W×8.07"D
(43mm×100mm×205mm)

- 2.5KV-30KV isolation
- Remote, ground referenced voltage programming
- +24Vdc ground referenced supply
- High stability, Temperature Coefficient: <200ppm/°C
- Voltage monitor
- Arc and short circuit protection
- OEM customization available

PF power supply is a high-stability, low-ripple high-voltage power supply with isolated input and output, mainly used for microchannel boards and imaging detectors. The output voltage of the power supply is 20V~5KV, and the output end of the output power supply can be suspended at ±2.5KV (PFxxF2.5), ±10KV (PFxxF10), ±20KV (PFxxF20) and ±30KV (PFxxF30). These power supplies used differential feedback techniques to reference the +24Vdc power supply, control and display signals to ground.

FF (0V-7.5V)

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vdc±10%, 3A
Temperature Coefficient: <200ppm/°C
Stability: <0.1%/Hr
Dimensions:
8.07"D× 3.94"W×1.69"H
(205mm×100mm×43mm)

- 5KV-30KV isolation
- Remote, ground referenced voltage programming
- +24Vdc input, Low ripple
- Voltage and current monitor
- High stability, Temperature Coefficient: <200ppm/°C
- Arc and short circuit protection
- OEM customization available

FF power supply is a high stability and low ripple filament power supply with input and output isolation, mainly used for filaments of ion guns, electron guns and X-ray power supplies. The output current of the power supply is 0-5A and the output voltage is 7.5V. The output end of the output power supply can be suspended at ±2.5KV (PFxxF2.5), ±10KV (PFxxF10), ±15KV (PFxxF15), ±20KV (PFxxF20) and ±30KV (PFxxF30).

SEM -100V~-30kV

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 86Vac~256Vac, 50/60Hz, 3A Max
Ripple/Noise(p-p): See SEM Selection Table
Load Regulation: ±0.001%
Linear adjustment rate: <±0.001%
Stability: 0.2V/15 mins
Temperature Coefficient: <5ppm/°C
Polarity: Can be reversed by remote logic signal
Dimensions:
4.17"H×7.87"W×9.84"D
(106.00mm×200.00mm×250.00mm)

- Ethernet, RS-232 control
- High accuracy, high stability, low ripple
- Over-voltage/current, arc and short circuit protection
- Corona free operation
- OEM customization available
- Electron microscopy, electron beam, ion beam power supply

Wisman's SEM high voltage power supplies provide the accelerator power, bias voltage and filament power for driving the scanning electron microscope (SEM) electron beam. Compared with other power supplies used in SEM, Wisman's unique high-voltage assembly and packaging technology has greatly changed the power supply in terms of size, cost and efficiency. The SEM's accelerator power supply is a low-noise and stable 0~30kV adjustable voltage with a maximum current of 300uA.

HSEM 0V~-60kV

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: +24Vac±5%, 5A Max
Ripple/Noise (p-p): See HSEM Selection Table
Load Regulation: <±100ppm
Stability: See HSEM Selection Table
Temperature Coefficient: ≤25ppm/°C
Polarity: Can be reversed by remote logic signal
Dimensions:
4.17"H×7.87"W×9.84"D
(106.00mm×200.00mm×250.00mm)

- Ethernet, RS-232 control
- High accuracy, high stability, low ripple
- Over-voltage/current, arc and short circuit protection
- Corona free operation
- OEM customization available
- Electron microscopy, electron beam, ion beam power supply

Wisman's HSEM High Voltage Power Supplies provide accelerator power, bias voltage and filament power for driving scanning electron microscope (HSEM) electron beam. Compared with other power supplies used in HSEMs, Wisman's unique high-voltage assembly and packaging technology has made great changes in the size, cost and efficiency of the power supply. The accelerator power supply of HSEM supplies a low noise and stable 0-30kV adjustable voltage with a max imum current of 300uA. The HSEM also integrates the reference accelerator's floating bias and filament power supplies

AMW 0~-35kV

3.5W 6W 10W 12W 20W 37.5W 70W 100W 150W 200W 300W 600W ●

Input: 220Vac±10%,
Stability: <50ppm/Hr
Temperature Coefficient: ≤25ppm/°C
Polarity: Reversible by remote logic signal
Dimensions:
11.00"H×19.00"W×75.00"D
(279.00mm×482.00mm×654.00mm)

- Ethernet, RS-232 control
- High accuracy, high stability, low ripple
- Integrated single-box solution
- No power special program
- Over-voltage/current, arc and short circuit protection
- OEM customization available

Wisman's AMW series is a high-voltage power amplifier for industrial and research applications. The unique all-solid-state high-voltage insulation design can achieve high conversion rate, wide bandwidth and low noise operation. The four-quadrant active output sinks or outputs current to reactive or resistive loads within the entire output voltage range. This type of output is essential for achieving accurate output response and the high slew rate required for various loads, such as high capacitive or reactive loads. The amplifier is a non-inverting amplifier.

EIB

0V~ 45kV | 2W | 4W | 6W | 8W | 10W ● | 20W | 30W | 100W | 150W | 200W | 250W | 280W

Input: 105Vac-240Vac
Ripple/Noise(p-p):See EIB Selection Table
Load Regulation: ±0.01%
Linear adjustment rate: <100mV
Stability: 1.5V/10H
Temperature Coefficient:25ppm/°C
Dimensions:
6.85"H×19.02"W×16.05"D
(174mm×483mm×407.6mm)

- Ethernet, RS-232 control
- High accuracy, high stability, low ripple
- Over-voltage/current, arc and short circuit protection
- Corona free operation
- Integrated Single-Chassis Solution
- Electronmicroscopy, electronbeam, ionbeampower supply

Wisman's EIB high voltage power supply is an integrated multi-output high voltage power supply specially designed for focused ion beams. Typical applications include perspective and scanning electron microscopy, semiconductor analysis, processing and repair; disk drive head balancing, ion beam etching and focused ion beam printing. The power supply adopts modular design. Interface, logic, and control circuitry are surface-mounted to minimize cost and form factor. The power supplies feature ultra-low output ripple, excellent regulation, stability, temperature coefficient, and accuracy. Each suspended high-voltage power supply is isolated and measured and controlled by Wisman's unique high-voltage isolation technology.

V6

5kV~ -62kV

Input: Refer to the selection table voltage level
Temperature Coefficient:10ppm/° C
Accuracy: Optional 0.5% 0.25% 0.05% 0.01%
Dimensions:
3.43"H x 2.56"W x 7.48"D
(87mm x65.00mm x 190mm)

- Optional voltage 5kV~60kV
- Temperature Coefficient10ppm/° C
- Accuracy: 0.5%, 0.25%, 0.05%, 0.01%
- Metal shell, six-sided shielding
- Small size, light weight
- Shell have a dedicated ground terminal
- An indispensable tool for voltage testing

Wisman's V6 series is a special device for high-voltage voltage testing, which is specially used to test the voltage amplitude of DC high-voltage power supply. The V6 series has a variety of voltage levels to choose from, the test temperature drift is 10ppm, and the test accuracy is 0.5%, 0.25%, 0.05%, 0.01% available. it is one of the essential test tools for engineers using high voltage power supplies.

V8

5kV-65kV

Input: Refer to the selection table voltage level
Operating temperature: 0° C~+50° C
Dimensions:
0kV<Vout≤10kV
0.98"H×0.59"W×1.18"D
(25.00mm×15.00mm×30.00mm)
10kV<Vout≤65kV:
3.43"H×2.56"W×7.48"D
(87.00mm×65.00mm×190.00mm)

- Various voltage levels are available
- Six-sided shielding
- Small size, light weight
- Shell have a dedicated ground terminal
- An indispensable tool for ripple testing

Wisman's V8 series is a special device for high-voltage ripple testing, which is specially used to test the ripple of DC high-voltage power supplies. The V8 series has a variety of voltage levels to choose from, and is one of the essential tools for engineers using high-voltage power supplies.

SILICONE OIL& GREASE

WSM166、WSM169、WSM168

Relative density(25° C): 1.02
Volatile matter(150° C,24h)%: 2.0
orrosion level: 1a
Voltage breakdown strength(kV/mm): 23-28
WSM166: High pressure silicone oil 20g
WSM169: High pressure silicone grease100g
WSM168: High pressure silicone grease 1000g

- Excellent electrical insulation and chemical stability, high flash point, low freezing point
- Wide temperature operating range, consistency changes with temperature minimally and never cures
- Excellent lubricity and sealing, good compatibility with most plastics and rubbers
- Excellent water resistance, weather aging resistance, weak acid and weak alkali resistance, long service life

WSM166/168/169 is an insulating ointment made of modified silicone oil, ultra-pure insulating filler and functional additives, etc., through a special process. This insulating silicone grease has excellent high-voltage resistance, waterproof and anti-creepage properties, and is designed for insulation of high-voltage cable joints and high-voltage electrical equipment. It is sealed and lubricated and moisture-proof, and can reduce the aging of the material surface caused by unstable climate. Applicable temperature range:0 C~200 C.

RVD

100KV-600kV

Input: 0-600kV
Stability: <0.01%/8Hr; 0.025%/8Hr
Temperature Coefficient: 25ppm/° C
Precision 0.5%
High: 17.5"(44.5cm); 33.5"(84.5cm)
61"(154.94cm); 100.6"(255.27cm)
The maximum diameter:
10"(25.4cm); 12"(30.5cm)
20"(50.8cm); 40"(101.6cm)

- High Input Impedance
- 25ppm Temperature Coefficient
- 100kV, 200kV and 400kV Models
- Corona Free Operation
- 0.5% Accuracy (higher accuracies available)

Wisman High Voltage Power Supplies offers high-precision, low-temperature drift, high-stability resistor dividers that measure high voltage in combination with standard digital voltmeters. The RVD series high voltage resistor dividers of Wisman High Voltage Power Supply Company provide a convenient test method for scientific research institutes, industrial applications, etc., and can measure high voltage accuracy up to 100kV, 200kV, 400kV or 600kV with an accuracy of 0.5%. These voltage dividers are designed for use with high impedance digital meters. All RVD dividers are mounted in a specialty plastic cylinder containing a set of precision metal film resistors with a temperature coefficient of less than 25ppm. The trapezoidal construction technology is combined with polished high-voltage spherical fixation to achieve a perfect corona-free result. BNC connectors are used to provide low voltage proportional output signals. RVD series high voltage dividers do not have bandwidth measurement capability. They are only used for DC voltage steady-state measurements. Wisman high voltage power supplies can OEM all kinds of high voltage dividers.

wisman®
High voltage power supply
威思曼高压电源

Accessories

Wisman High voltage power supply, China's leading manufacturer of X-ray tube high voltage power supply,precision DC high voltage power supply, its low ripple,low temperature drift, high reliability,reasonable price and other characteristics, in recent years, become the global industrial, medical and scientific research and other fields of users strategic choice brand.

https://www.wsmhv.com

2kV~300kV High Voltage cable and high voltage socket, semi-finished product, finished product

CA 50:
50KV HV Cable 1 lines

CA 60:
60KV Flexibility HV Cable 1 lines

CA 75:
75KV Teflon HV Cable

CA75N:
Oxford X-ray Ture HV Cable

CA100C3:
100KV Flexibility HV Cable 3 lines

CB100C3:
100KV HV Cable socket 3 lines

CA75C4:
75KV Flexibility HV Cable 4 lines

CB75C4:
75KV HV Cable socket 4 lines

W1-50:
1KV-50KV HV Cable 1 lines

WS1-50:
1KV-50KV Flexibility HV Cable 1 lines

W60:
60KV Flexibility HV Cable 1 lines

W75:
75KV Flexibility HV Cable 3 lines

WS 75:
75KV Flexibility HV Cable 4 lines

W100:
100KV Flexibility HV Cable 3 lines

Ws100:
100KV Flexibility HV Cable 3 lines

W160:
160KV Flexibility HV Cable 3 lines

W250:
250KV Flexibility HV Cable 3 lines

W300:
300KV Flexibility HV Cable 5lines