

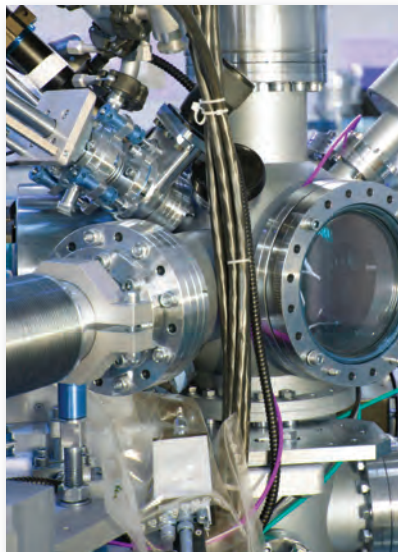
Spellman High Voltage...

Your Mass Spectrometry
Power Supply Resource



Q-TOF LC-TOF GC-TOF MALDI-TOF ICP-MS SIMS

HIGH VOLTAGE POWER SUPPLIES FOR MASS SPECTROMETRY APPLICATIONS



When you need high performance modular power supplies for Mass Spectrometry applications, choose Spellman High Voltage Corporation. With over 65 years of innovative high voltage solutions and a global sales and service network, Spellman offers the depth of product and support required by today's OEM's. We offer high voltage power supplies that are highly stable and well-regulated, featuring ultra-low ripple with repeatable and accurate outputs. Perfect for OEM users, our supplies are customized for Mass Spec systems, and for unique analytical requirements.

■ **High Stability, Low Ripple:**

With ripple specs as low as 0.0025% (MX20), these supplies are ideal for Mass Spectrometry applications; especially security detection systems, Dynodes, sample ionization as well as capillary electrophoresis applications

■ **Dozens of Standard Models Available:**

From 1V to 30kV—15mA to 400 μ A we offer a power supply to meet your requirements. All of our power supplies are customizable for OEM applications

■ **Fast Reversing, Hot Switchable:**

We offer several high performance supplies featuring hot switchable polarity reversing in as little as 25ms

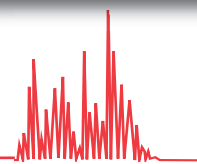
■ **Spellman Support and Service:**

Our globally situated technical support centers are strategically located to provide rapid local response to customer needs

Support Centers are linked through a common ERP system and real-time data reporting so information is always available about your product and delivery status

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MODEL	POWER OUTPUT	All Spellman power supplies are customizable to meet OEM requirements	Email: sales@spellmanhv.com
MCP	100V to 3kV—330μA Spellman's MCP Module is a well-regulated, high performance DC-DC converter featuring a floating, programmable 3kV output. The MCP low output ripple specification makes it ideal for use with detectors in Mass Spectrometry applications.		
ML430	430V—25mA This compact, low cost, SMT based high performance module is ideal for amplifier driver requirements together with electrostatic lenses, deflectors and biasing supplies. This voltage regulated, current limited, fixed, dual output unit provides up to 25mA of load current.		
ML1350	235V to 1350V—15mA Spellman's ML1350 power supply module has been designed specifically to drive quadrupoles used in mass spectrometry. This voltage regulated, current limited, fixed quad output unit provides up to 15mA of load current from each output.		
MX2.5	100V to 2.5kV—60μA The MX Series low ripple specifications makes it ideal for Mass Spectrometry applications; especially security detection systems, Dynodes, sample ionization as well as capillary electrophoresis and electrostatic printing applications.		
MX8Plus	0V to 8kV—10μA Spellman's RoHS compliant MX8 Plus is a well-regulated high performance fast reversible supply featuring a 25ms "hot switchable" polarity reversing capability. An ideal choice for mass spectrometry applications; security detection systems, dynodes, sample ionization as well as capillary electrophoresis and electrostatic printing applications. This unit features a logic signal input to control output polarity reversal.		
MX10	200V to 10kV—100μA Spellman's MX10 is a well-regulated high performance DC-DC converter featuring a "hot switchable" polarity reversal capability. The MX10's low ripple specification makes it ideal for Mass Spectrometry applications.		
MX10Plus	10kV—10μA Spellman's RoHS compliant MX10 Plus high performance fast reversible dynode supply features a 25ms "hot switchable" polarity reversing capability with an integrated -2.3kV electron multiplier supply. The MX10 Plus has been designed especially for dynode detector applications and can be easily tailored to an OEM's requirements. This unit features a logic signal input to control output polarity reversal.		
MX20	500V to 20kV—100μA The MX20's low ripple specification makes it ideal for Mass Spectrometry applications; especially security detection systems, Dynodes, sample ionization as well as capillary electrophoresis and electrostatic printing applications. This unit features a logic signal input to control output polarity reversal.		
TOF3000	0 to 30kV—0 to 400μA The TOF3000 offers critical specifications such as ultra low ripple and noise, excellent temperature coefficient; a stable, repeatable and accurate output, along with remote output polarity reversing capability. These superior specifications result in improved mass spectrometer resolution.		

Additional specs @ www.spellmanhv.com

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