

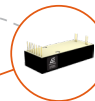
MISSION CRITICAL POWER SUPPLIES

# Life Science

The life science analytical instrumentation market encompasses various technologies for qualitative and quantitative sample analysis, such as biochemical, genome, chemical, and material sciences. R&D efforts aim to handle more samples, expand testing capabilities, and deliver faster and accurate results. We specialize in high precision, high voltage DC-DC and compact, high efficiency AC-DC power solutions for Analyzers, Spectroscopy, Mass Spectrometry, Chromatography, Electrophoresis, Particle Size Analyzers, and Scanning Electron Microscopes.

## What We Power

- Ionization Sources
- Detectors
- Mass Filters
- Motors
- On Board Control
- Isolation Converters



**Separation & Detectors**  
UltraVolt - DC-DC



**System Power**  
(5V, 12V, 24V, 48V)  
LCM - UMP-IMP  
Low Power - Excelsys



**On Board Control**  
AE Low Voltage - DC-DC Converters

## Featured Products

<p><b>AE AA Series</b></p> <ul style="list-style-type: none"> <li>■ Max. output voltage / power: 6 kV DC/30 W</li> <li>■ Single output</li> <li>■ Ripple: to 100 ppm</li> <li>■ Available 0 to 5 VDC or 0 to 10 VDC</li> <li>■ Analog interfaces</li> </ul>	<p><b>AE AEQ</b></p> <ul style="list-style-type: none"> <li>■ Ultra-miniature size (0.5" cube)</li> <li>■ Output short-circuit protection</li> <li>■ Supply up to 600VDC at 0.5 Watts</li> <li>■ Ease of installation with PCB mount</li> </ul>	<p><b>AE HVA Series</b></p> <ul style="list-style-type: none"> <li>■ Max. output voltage / power: 20 kV DC/2 W</li> <li>■ Single output</li> <li>■ Ripple: 500 ppm</li> <li>■ Analog interface</li> <li>■ Temp. coefficient: to 25 ppm/°C</li> <li>■ 500Hz bandwidths</li> </ul>	<p><b>ARTESYN LCM1500</b></p> <ul style="list-style-type: none"> <li>■ 1500W output power with no derating</li> <li>■ Low cost</li> <li>■ 12 Watts per cubic in.</li> <li>■ medical / industrial safety approvals</li> <li>■ High efficiency: 89% typical</li> </ul>	<p><b>AE CoolX1800</b></p> <ul style="list-style-type: none"> <li>■ Intelligent 1800 W in a compact package</li> <li>■ Industrial and medical safety approvals</li> <li>■ 24 W-standby power</li> <li>■ PMBus™ for digital communications</li> <li>■ 12 isolated outputs</li> </ul>	<p><b>SLPE SLB300</b></p> <ul style="list-style-type: none"> <li>■ 3" x 5" x 1.4" package</li> <li>■ 300W w/ 100LFM air universal input</li> <li>■ 80-264 VAC</li> <li>■ Fits 1U applications</li> <li>■ RoHS compliant</li> <li>■ 92%, typ. efficiency</li> </ul>
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- 1 Problem Identification
- 2 Real-time tests
- 3 Detailed analyses

Our Customer Experience Centers (CECs) are your one-stop shop for all your design and testing needs. From pinpointing issues and prototype sampling to pre-compliance testing for entire systems, our CECs can help you meet deadlines and budgets.

