

MISSION CRITICAL POWER SUPPLIES

Electroporation

Electroporation equipment for high-voltage pulses demands flexible, high-voltage, rapid ramp-up time, stability, repeatability, and reliability. Advanced Energy understands your electroporation device needs, with our extensive experience in delivering precision high voltages, pulsed currents and charging capacitors, with fast rise/fall times and fast repetition rates. Our broad range of AC-DC and High Voltage DC-DC products coupled with our applications expertise, ensure you have the optimum power solutions for your transfection systems

What We Power

- Capacitors
- Monitors
- Motors
- On Board Control
- Isolation Converters
- Cooling Elements



Featured Products

<p>AE High Power C</p> <ul style="list-style-type: none"> ■ Fast-rise charging power, optimized ■ Choice of 60, 125, or 250 W max. power ■ High power to package size ratio ■ Reliable modular design 	<p>AE AA Series</p> <ul style="list-style-type: none"> ■ Max. output voltage / power: 6 kV DC/30 W ■ Single output ■ Ripple: to 100 ppm ■ Available 0 to 5 VDC or 0 to 10 VDC ■ Analog interfaces 	<p>AE CoolX600</p> <ul style="list-style-type: none"> ■ 600 W with natural, convection cooling ■ Industrial and medical safety approvals ■ Five-year warranty ■ 24 W-standby power ■ PMBus™ for digital communications 	<p>SLPE NGB425</p> <ul style="list-style-type: none"> ■ Output power of 425W with airflow ■ Universal 85-264Vac Class I and Class II ■ Input versions ■ Meets IEC / UL / EN60601-1-1, 3rd Ed. 	<p>SLPE SLB300</p> <ul style="list-style-type: none"> ■ 3" x 5" x 1.4" Package ■ 300W w/ 100LFM Air ■ Universal Input ■ 80-264 VAC ■ Fits 1U Applications ■ RoHS Compliant ■ 92%, typ. Efficiency 	<p>ARTESYN AEE Series</p> <ul style="list-style-type: none"> ■ High performance DC-DC converter ■ Available in 5V, 12V and 15V outputs ■ Wide 2:1 Input voltage ■ Medical safety to UL/CSA/EN/IEC 60601-1 3rd edition
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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.

