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

- **AE High Power C**
  - Fast-rise charging power, optimized
  - Choice of 60, 125, or 250 W max. power
  - High power to package size ratio
  - Reliable modular design

- **AE AA Series**
  - Max. output voltage / power: 6 kW DC/30 W
  - Single output
  - Ripple: to 100 ppm
  - Available 0 to 5 VDC or 0 to 10 VDC
  - Analog interfaces

- **AE CoolX600**
  - 600 W with natural, convection cooling
  - Industrial and medical safety approvals
  - Five-year warranty
  - 24 W-standby power
  - PMBus™ for digital communications

- **SLPE NGB425**
  - Output power of 420W with airflow
  - Universal 85-264Vac Class I and Class II
  - Input versions: Meets IEC / UL / EN60601-1-1, 3rd Ed.

- **SLPE SLB300**
  - 3” x 5” x 1.4” Package
  - 300 W w/ 100LM Air
  - Universal Input
  - 80-264 VAC
  - Fits 1U Applications
  - RoHS Compliant
  - 92%, typ. Efficiency

- **ARTESYN AEE Series**
  - High performance DC-DC converter
  - Available in 5V, 12V and 18V outputs
  - Wide 2:1 Input voltage
  - Medical safety to UL/CSA/EN/IEC 60601-1-3rd edition

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.

1. Problem Identification
2. Real-time tests
3. Detailed analyses