

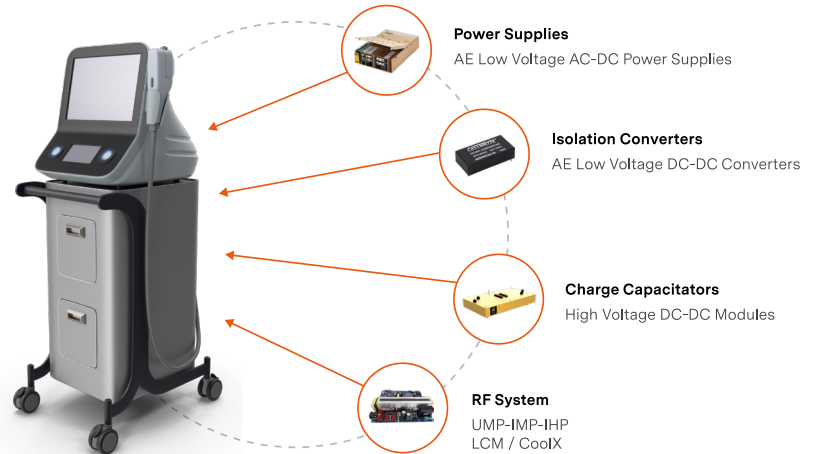
MISSION CRITICAL POWER SUPPLIES

Electrosurgery

Electrosurgery is the cornerstone of modern surgical procedures, offering precise tissue cutting, coagulation, and ablation capabilities. A critical component of any electrosurgical system is the power supply, which provides the electrical energy necessary for the surgical instrument to function. Electrosurgery includes applications such as PEF, HIFU, RF and Microwave. Advanced Energy understands the developments and challenges in this sector, and what they mean for power system design.

What We Power

- Motors
- Control Electronics
- Monitors and Touch Panels
- Charging Capacitors
- RF and Pulsed Electric Field Delivery



Featured Products

ARTESYN AEE Series	ARTESYN LPS200-M	ARTESYN uMP Gen II	ARTESYN LCC600	EXCELSYS Ultimod	AE High Power C
<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 	<ul style="list-style-type: none"> ■ Available in 5 V, 12 V, 15 V, 24 V or 48 V ■ Medical & ITE safety approvals ■ Active power factor correction ■ 3 x 5 x 1U form factor ■ Isolated 12 V Fan 	<ul style="list-style-type: none"> ■ Max power - 1800 W ■ Input range: 85-264 VAC 120-374 VDC ■ 47 - 440 Hz frequency ■ Efficiency: up to 91.5% ■ Analog or PMBus™ ■ Meets EN60950 and EN60601 	<ul style="list-style-type: none"> ■ 600 W single output with 5 VDC standby ■ Conduction cooled / no fan ■ -40 to 85 °C baseplate temp. ■ Industrial / medical safety approvals 	<ul style="list-style-type: none"> ■ 600 W and 1200 W ■ Dual safety approvals: IEC60601-1 (3rd edition) and IEC60950 ■ Up to 12 isolated DC output voltages ■ Five-year warranty ■ Field configurable 	<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



- 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.

