

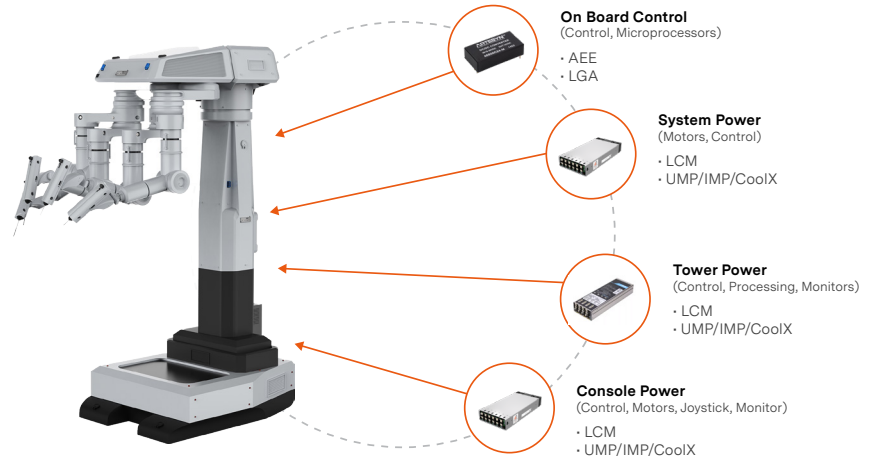
MISSION CRITICAL POWER SUPPLIES

Surgical Robotics

Surgical robotics has revolutionized laparoscopy with precise, minimally invasive procedures. Further advances have seen increased usage in orthopaedic, ophthalmic, oncological and general surgery. Selecting the right power supply for surgical robots is crucial, impacting performance, reliability, and regulatory compliance. Factors like peak power, stability, surge protection, size, EMI and safety compliance are all critical considerations. Advanced Energy have the industry's broadest range of medically approved power supplies, with field proven reliability and industry leading control and communications. Supported by our extensive applications expertise, system developers realise shorter developments times, without any compromise in performance.

What We Power

- Charging Capacitors
- Cooling Pumps
- TEC Elements
- Pockels Cells
- Control Electronics
- Lithotripsy
- RF



Featured Products

<p>ARTESYN LPS360-M Series</p> <ul style="list-style-type: none"> ■ Medical and ITE safeties ■ Active power factor correction ■ 3" x 5" footprint ■ Less than 1U high ■ EN61000-3-2 compliant 	<p>ARTESYN LCM1500</p> <ul style="list-style-type: none"> ■ 1500W output power with no derating ■ Low cost ■ 12 Watts per cubic in. ■ Medical / industrial safety approvals ■ High efficiency: 89% typical 	<p>ARTESYN uMP Gen II</p> <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 	<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>AE Flexicharge</p> <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 	<p>AE CoolX1800</p> <ul style="list-style-type: none"> ■ Intelligent 1800 W in a compact package ■ Industrial and medical safety approvals ■ 24 W-standby power ■ PMBus™ for digital communications ■ 12 isolated outputs
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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.

