

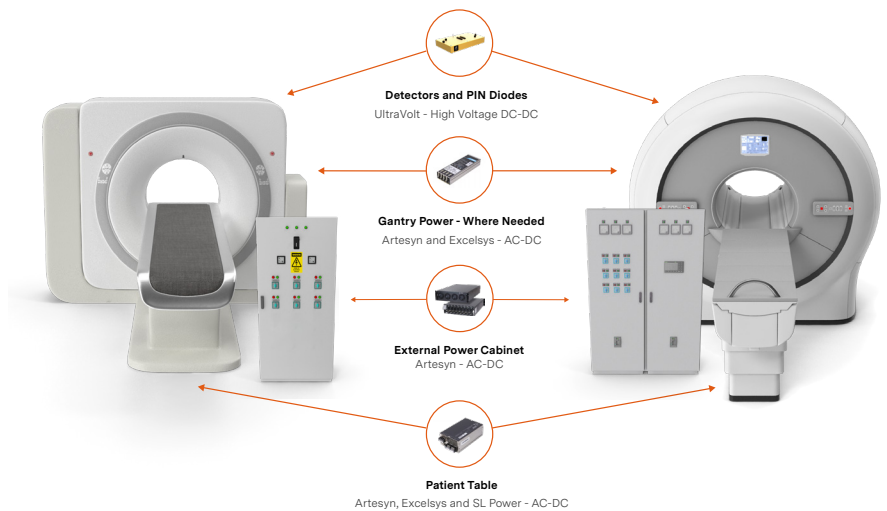
MISSION CRITICAL POWER SUPPLIES

Diagnostic Imaging

The big diagnostic modalities of the medical world, CT and MRI scanners, have very diverse and demanding power requirements. This includes high-power supplies, e.g. the PDU, ramping up the magnetic fields of superconductive MR-scanners, or extremely ruggedized power supplies which could be used in the rotating gantry of a CT as well as lower power for displays and sensors. As these scanners are extensively used for dedicated diagnostic and functional imaging, their power needs have become more complex. Advanced Energy specializes in delivering diverse and complex power solutions for these sophisticated medical systems.

What We Power

- Stationary & Rotating Gantry
- Amplifier and RF System
- Detectors and Active Coil Detuning
- Patient Table Motor Control
- Control Electronics
- Cooling and Heating Elements
- FOT- Temp. Monitoring



Featured Products

ARTESYN LCM1000	ARTESYN uMP Gen II	ARTESYN iHP	LUMASENSE Luxtron M924	EXCELSYS CoolX600	ULTRAVOLT High Power C
<ul style="list-style-type: none"> ■ 1000W output power with no derating ■ Low Cost ■ Variable speed fans ■ DSP controlled ■ Industrial/Medical safety approvals 	<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™ ■ Modular outputs 	<ul style="list-style-type: none"> ■ 24kW multi output, high power system ■ Medical and industrial safety approvals ■ Up to 1600A in parallel ■ 100% digital control ■ Flexible control interfaces 	<ul style="list-style-type: none"> ■ Fiber optic temp. measurement solution ■ Flexible config. for OEM/lab applications ■ Up to a 50 Hz sampling rate/channel ■ Superior measurement accuracy of 0.5°C 	<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 	<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.

