

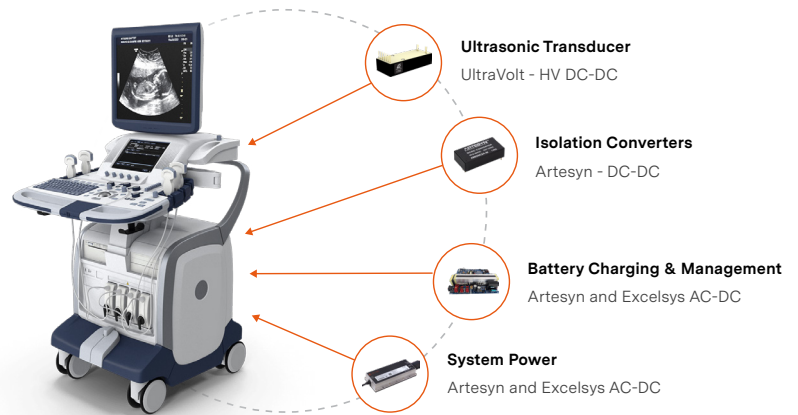
MISSION CRITICAL POWER SUPPLIES

# Mobile Medical Imaging

Power supplies are essential for mobile medical imaging applications like X-ray and Ultrasound machines. They require reliable and efficient power to produce high-quality images. Considerations for selecting a power supply include efficiency, reliability, form factor, and also battery management capabilities for high-end equipment. Advanced Energy power supplies provide steady and reliable power flow that optimize device performance for accurate and consistent results.

## What We Power

- System Power incl. Battery Charging & Management
- Control Electronics
- Cooling Elements
- Generators
- Detectors
- Motors



\* The Ultrasound system displayed is just an example, we also offer power solutions for mobile X-rays, C-arms, as well as other mobile medical applications.

## Featured Products

<p><b>ARTESYN AEE Series</b></p> <ul style="list-style-type: none"> <li>■ High performance DC-DC converter</li> <li>■ Available in 5V, 12V and 15V outputs</li> <li>■ Wide 2:1 Input voltage</li> <li>■ Medical safety to UL/CSA/EN/IEC 60601-1 3rd edition</li> </ul>	<p><b>ARTESYN LCM600</b></p> <ul style="list-style-type: none"> <li>■ Available in 12 V, 15 V, 24 V, 36 V or 48 V</li> <li>■ Universal input of 85-264 Vac</li> <li>■ Built-in OR-ing FET</li> <li>■ Up to 10 units to be connected in parallel</li> </ul>	<p><b>EXCELSYS CoolX600</b></p> <ul style="list-style-type: none"> <li>■ 600 W with natural, convection cooling</li> <li>■ Industrial and medical safety approvals</li> <li>■ Five-year warranty</li> <li>■ 24 W-standby power</li> <li>■ PMBus™ for digital communications</li> </ul>	<p><b>ULTRAVOLT AA Series</b></p> <ul style="list-style-type: none"> <li>■ Max. output voltage / power: 6 kV DC/30 W</li> <li>■ Single output</li> <li>■ Ripple: to 100 ppm</li> <li>■ Available 0 to 5 VDC or 0 to 10 VDC</li> <li>■ Analog interfaces</li> </ul>	<p><b>SL POWER SLE60</b></p> <ul style="list-style-type: none"> <li>■ USB-C with Power Delivery Output</li> <li>■ 2 x MOPOP Input to Output Isolation</li> <li>■ 5V, 9V, 12V, 15V, 20V Outputs, Up to 60W</li> <li>■ Medical &amp; ITE Safety Approvals</li> </ul>	<p><b>PRODUCT Customization</b></p> <ul style="list-style-type: none"> <li>■ Output voltage change</li> <li>■ Lower leakage current</li> <li>■ EMI/EMC performance enhancements</li> <li>■ Added chassis, covers</li> <li>■ Signals, programming</li> <li>■ Custom "one box" solutions incorporating HV, LV, DC-DC, etc.</li> </ul>
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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.

