

Power Solutions for Traveling Wave Tube Applications



Crane Aerospace & Electronics meets the evolving needs of Traveling Wave Tube (TWT) Applications with rugged power solutions that hit the mark for lower costs, lighter weight and higher reliability. Crane Aerospace & Electronics has the proven expertise to deliver the power solutions for TWT amplifier products that you need. We can help you configure the ideal power solution for your application.

Our High Voltage AC/DC and DC/DC Power Supplies are designed to power microwave traveling wave tubes directly from prime power available from ships, planes or other power distribution systems. Our power supplies are used in applications such as Electronic Counter-Measure (ECM) systems, Radar Transmitters, Satellite Communications systems and Amplifiers.

Our Microwave Power Modules offer low noise and high efficiency. The microprocessor-controlled modules are designed for high reliability use in a military airborne environment. Solutions are offered through three industry proven brand names – ELDEC, Interpoint and Keltec.

A sample of platforms currently utilizing our power products include the F-16, F-18 and Global Hawk.

Power Solutions offerings:

- DC/DC Converters
- AC/DC Converters
- Low Voltage Power Supplies
- High Voltage Power Supplies
- EMI Filters
- Avionics Power Subsystems
- TWT Amplifiers
- ECM/Radar Transmitters
- Transformer Rectifier Units
- Auto-Transformer Rectifier Units
- Battery Chargers

Crane Aerospace & Electronics also offers Microwave Systems Solutions, Microelectronics Solutions and Electronic Manufacturing Solutions.



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Count on the Crane Aerospace & Electronics companies

Crane Aerospace & Electronics companies are known for their technical strength, proven product reliability, innovative solutions and overall value. We are ISO9000 certified and committed to world-class processes. From application engineering, through design and manufacturing, we offer a comprehensive approach to product specification, design certification and service. Whether you're looking for a standard or custom designed power solution, we have the proven experience to deliver what you need.

You can also count on us for in-service support. Our worldwide extensive product support program is backed by high caliber staff accustomed to the needs of the military. It's all part of the added value you can expect when you bring together an experienced team.

We have over 212 years of combined experience in the design and manufacture of high quality, high reliability power products. Crane Aerospace & Electronics combines the experience of eight industry leading companies to give manufacturers one integrated source for sensing, power, braking, microwave, electronic manufacturing, microelectronics and more.

Structured into the Aerospace Group and the Electronics Group, Crane Aerospace & Electronics products can be found in some of the toughest environments: from aircraft engines and landing gear, to space satellites and medical implants.

The Electronics Group designs and manufactures high-density, high-reliability electronics for aerospace, space, military, medical, industrial, and commercial applications. We provide solutions for Power, Microwave Systems, Electronic Manufacturing, and Microelectronics. From Mars Rovers to implantable defibrillators; from submarines to fighter jets, Electronics Group products have proven their ability to operate in the most demanding environments. Crane Co. is a diversified manufacturer of engineered industrial products. Crane Co. is traded on the New York Stock Exchange (NYSE: CR).



Crane Aerospace & Electronics

ELDEC • INTERPOINT • KELTEC

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