



# Crane aerospace power conversion system

Crane Aerospace & Electronics, Power Solutions has been selected by BAE Systems to provide ELDEC® Power Conditioning Modules (PCMs) and batteries on the Boeing 777X. BAE Systems is the prime supplier of the Integrated Flight Control Electronics (IFCE) fly-by-wire (FBW) system, which delivers high integrity computing functionality for the 777X's all new ...

Regardless of electrical power source, Crane A& E's high-power converters will convert high voltage source power into an aircraft's traditional 28v DC bus or 270v DC bus. "Our new power converters provide a necessary building block for traditional and disruptive aerospace markets," said Hilary King, Crane A& E VP of Sensing & Power Systems.

Crane Aerospace & Electronics / Bi-Directional Power Conversion\_07032024 dd 07/24 Onsite, State-of-the-Art 1.5MW High-Power Lab Our new 7,000-square foot high-power lab in Fort Walton Beach, Fla., supports development and testing of power systems up to 1 ...

Related: Crane Keltec to provide high-voltage power supplies for combat jet electronic warfare (EW) systems. Crane provides active switching conversion for applications that require regulation ...

Crane Aerospace & Electronics" Interpoint® brand offers DC-DC converters and EMI filters with proven performance in the extreme environments of space and defense as well as the high reliability requirements for commercial air and industrial applications. As an industry leader since 1969, the Interpoint brand is known for manufacturing high-reliability power-conversion ...

Crane is a provider of high-quality, rugged power subsystems with nearly 60 years of experience in power conversion, management, monitoring, and energy storage. As a trusted industry leader in power and advanced packaging solutions, our products meet the requirements for flight and mission critical applications while delivering the efficiency ...

rMOR Power Converter. Crane A& E's new Interpoint® rMOR power converter offers customers a radiation tolerant solution for new space. The rMOR features up to 92% efficiency, a 15V-50V input voltage range and is built to excel in power systems requiring high efficiencies in a radiation sensitive environment, such as launch vehicles, strategic missiles, LEO satellites and other ...

Crane Aerospace & Electronics is proud to be a leader in delivering the aerospace, defense and space industries with highly-engineered, mission-critical components, systems and services. Crane's rich history of providing custom and reliable solutions stretches across three centuries, ranging from providing rail for the Golden Gate Bridge to ...



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We've combined strategic technology investment with our rich electrical power expertise to deliver the defense industry innovative, electric vehicle power conversion solutions. Our new 15 kW, ...

Crane A& E has been selected by Heart Aerospace for the Joint Definition Phase of Heart's ES-30, where the companies will collaborate to define the requirements necessary to ...

Crane Aerospace & Electronics" Interpoint xMOR 120-W family of power conversion products features four dc-dc converters with a shared core architecture, each tailored to address ...

Crane Aerospace & Electronics, Power Solutions, will be supplying the Auto-Transformer Rectifier Unit (ATRU) to provide reliable power conversion for the Rockwell Collins Horizontal Stabilizer Control Unit (HSCU) supplied to Embraer. The HSCU will be utilized on the Embraer E2 E-Jet family of medium range aircraft, with introduction planned by 2018.

A Leader in Sensing Components & Systems Crane Aerospace & Electronics provides proximity sensor based indication and control, tire pressure indication, and fuel gauging. In addition, we offer a full range of proximity sensor, tire pressure, fuel gauging and power conversion components for use in demanding environments for our customers; system ...

Since 1958, Crane Aerospace & Electronics has led the way in the development of reliable aircraft AC-DC power conversion. Our line of Transformer Rectifier Units (TRUs) provide affordable, efficient and reliable power conversion while meeting today's new stringent power quality requirements.. Isolated passive AC to DC conversion for DC power. Input voltage: 115 Vac or ...

03/01/2024: Press Release: Crane Company announces acquisition of Vian Enterprises, Inc. 26/07/2023: Press Release: Crane and Heart Aerospace to collaborate on Electrical Power Distribution System for ES-30 Paid subscribers can see the full news archive for Crane Aerospace & Electronics. Buy a subscription and log in for access.

Crane offers a line of high power DC-DC Converters that provide isolated actively regulated DC to DC power conversion. These converters can be matched with either an ATRU or active PFC for a complete AC-DC power conversion solution. The converters can be paralleled to provide up to 500 kW of DC power. Isolated active regulated high power conversion

Crane Aerospace & Electronics / Bi-Directional Power Conversion\_09102024 dd 09/24 Onsite, State-of-the-Art 1.5MW High-Power Lab Our new 7,000-square foot high-power lab in Fort Walton Beach, Fla., supports development and testing of power systems up to 1 ...

Engineering Department, Crane Aerospace & Electronics . October 2011; Revised January, 2012; Revised



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March 27, 2014 . Crane Aerospace & Electronics . Power Solutions - Interpoint®; Products . 10301 Willows Road NE, Redmond, WA 98052

Crane, an aerospace and defence supplier of highly engineered components and systems, has been selected by Heart Aerospace for the Joint Definition Phase of Heart's ES-30, where the companies will collaborate to define the requirements necessary to integrate Crane's high-voltage power conversion system as well as its low-voltage control and ...

Crane Aerospace and Electronics. 9. Technology Options. The following power conversion technologies are capable of meeting the new power quality requirements: o High frequency ...

Power. Crane is a provider of high-quality, rugged power products with nearly 60 years of experience in power conversion, management, monitoring, advanced packaging solutions, energy storage and microwave technology. We offer a full line of off-the-shelf and custom solutions for the commercial aerospace, defense and space markets.

Solutions, and Sensing Components & Systems. POWER CONVERSION Meets latest power quality requirements Cooling methods: baseplate, internal fan, forced air and liquid ... Crane Aerospace & Electronics 16700 13th Avenue West Lynnwood, WA 98037 USA (+1) 425-743-8563

Crane provides superior products for applications demanding high power quality based on both passive and active solutions. Active (switching conversion) approaches are preferred, either where regulation is required or source frequency is 50/60 Hz, or both. Our 3-phase active power factor correction products are available in power levels ranging from 1 to 15 kW as individual ...

HG Hydrolok. The new HG Hydrolok®; from Crane Aerospace & Electronics raises the bar for lightweight, durable main cabin seat recline systems. The HG delivers the performance and reliability of a traditional Hydrolok in the lightest weight on the market. It weighs 20% less than a gas lock, and 50% less than traditional hydraulic locks.

Crane A& E has been selected by Heart Aerospace for the Joint Definition Phase of Heart's ES-30, where the companies will collaborate to define the requirements necessary to integrate Crane A& E's high-voltage power conversion system as well as its low-voltage control and distribution into the ES-30.

PARIS, 15 June 2015. Parker Aerospace engineers needed a reliable power converter for their work on COMAC C919 Horizontal Stabilizer Motor Control Electronics (MCE). They found...

LYNNWOOD, Wash., January 9, 2024 - Crane Aerospace & Electronics, a segment of Crane Company (NYSE:CR), has launched a new 120-watt family of power conversion products called the Interpoint®; xMOR. The Interpoint®; xMOR product family features four DC-DC power converters with a shared



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core architecture, each tailored to address different aerospace and ...

The growing demand for more-electric, hybrid-electric and all-electric aircraft and vehicles is driving higher power and more efficient power conversion needs. Crane A& E is uniquely positioned to help our customers facilitate this demand. We're focused on developing solutions that enable both traditional and disruptive technologies.

Crane Aerospace & Electronics provides high-integrity, rugged power ... power products supported by our heritage brands ELDEC, Keltec and Interpoint. With nearly 60 years of experience in power conversion, we offer a full line of off-the-shelf and custom power solutions for ... Power Management & Distribution Systems: Integration of power ...

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