



# Crane aerospace power conversion system

Crane Aerospace & Electronics has a long and proven history of supplying valves and fittings to the US military during the World Wars and power to radar systems. Founded in 1855 by Richard Teller Crane, the company is fully committed to product quality and safety through structured processes from design to product manufacturing.

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 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 ...

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...

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 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 ...

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 / 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 ...

Crane Aerospace & Electronics, a segment of Crane Company, has launched a new 120-watt family of power



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conversion products called the Interpoint®; xMOR. The ...

Electrical Power Solutions. Crane A& E offers rugged, reliable power conversion products that meets today's stringent power quality requirements. Our DC-DC Converters and active PFCs can be combined for nearly 1 MW of DC power. A& E supplies mission-critical AESA radar platforms and is equipped to support next-gen military electric vehicles.

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 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.

Crane Aerospace was formed in 1999 with the merging of ELDEC, Lear Romec, Hydro-Aire and Interpoint -- long-time industry leaders with experience dating back to 1943. The newly-formed organization offered customers and partners one source for sensing, power, fuel and braking systems and the expertise these industry pioneers had between them.

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 ...

Bi-Directional Power Conversion Datasheet (1.63 MB) High Voltage DC-DC Converter Datasheet (736.32 KB) ... New High Power Test Lab Enabling Advanced Power Systems. Crane A& E's 4,900 square foot, state-of-the-art high power lab in Fort Walton Beach, Fla., supports power ranges up to 1.48 MW and represents our commitment to providing industry ...

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 ...

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 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 ...



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Engineering Department, Crane Aerospace & Electronics . October 2011; Revised January, 2012; Revised March 27, 2014 . Crane Aerospace & Electronics . Power Solutions - Interpoint&#174; Products . 10301 Willows Road NE, Redmond, WA 98052

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&#174; xMOR. The Interpoint&#174; xMOR product family features four DC-DC power converters with a shared core architecture, each tailored to address different aerospace and ...

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 ...

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 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 ...

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 ...

100 Years of Fluid Management Expertise. Our fluid story started in 1910 when we patented vane pump technology. Today, with more than 150,000 fuel and lubrication pumps in service, Crane A& E is the aerospace & defense industry's go-to source for positive displacement pumps, centrifugal pumps and fuel flow transmitters.

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



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power conversion solution. The converters can be paralleled to provide up to 500 kW of DC power. Isolated active regulated high power conversion

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