

POWERING YOUR MISSION

Interpoint® xMOR

120 WATT DC-DC CONVERTER PRODUCT FAMILY

cMOR ♦ hMOR ♦ rMOR ♦ sMOR



Interpoint® xMOR DC-DC Converter Product Family

POWERING the Future of Aerospace and Defense

Our aerospace and defense industry is ever evolving, proving out new technology that tests the limits of space exploration and military capability. From low-orbit satellites to deep space missions, long mission drones to advanced next-gen missiles – a broad range of innovations require a broad range of solutions. The ‘x’ in our new Interpoint brand xMOR product family represents a customer’s variable, the power conversion solution needed to enable innovation. With our new 120-watt Interpoint xMOR product family of cMOR, hMOR, rMOR and sMOR converters, we look forward to Powering Your Mission.

Interpoint® cMOR (COTS)

Crane A&E’s Interpoint cMOR power converter combines Interpoint’s proven quality and excellence into a high-reliability, cost effective, off-the-shelf solution for commercial aerospace and defense applications.

- Cost effective solution
- Synchronous rectification design
- Forward Clamp Switching
- Hi-Rel COTS tested to MIL-STD 883



Interpoint® hMOR (Class H Defense)

Crane A&E’s Interpoint hMOR power converter combines Interpoint’s proven quality and excellence with improved performance for mission-critical defense applications. The hMOR converter is MIL-PRF-38534 Class H compliant, lightweight, highly efficient and supports fast start-up for quick boot-up systems.

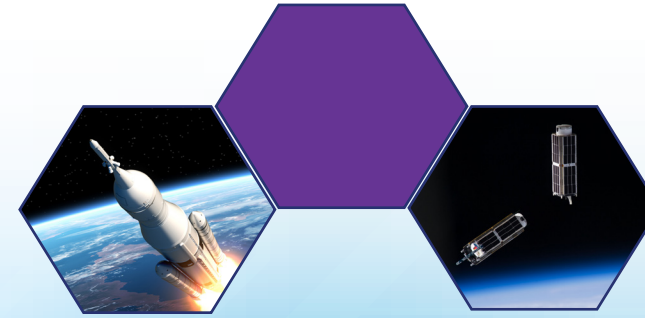
- Low ripple
- High efficiency
- Light weight
- MIL-PRF 38534 Class H compliant



Interpoint® rMOR (New Space)

Crane A&E’s Interpoint rMOR power converter combines Interpoint’s proven quality and excellence into a new solution for New Space applications. The rMOR is a radiation-tolerant converter with a 15V-50V input range – perfect for LEO satellite or other low-earth power conversion needs.

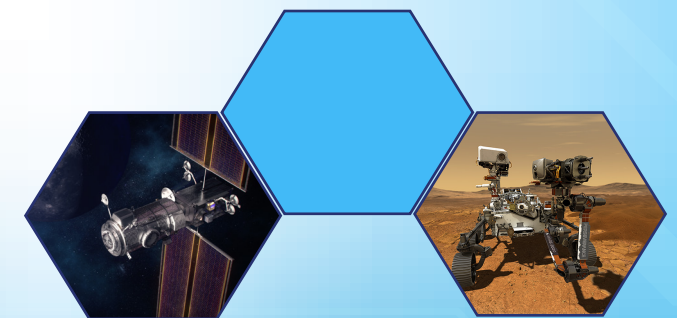
- Up to 92% efficiency
- 15V-50V input voltage
- Tested to 30krads
- Tested to SEE 43MeV



Interpoint® sMOR (Deep Space)

Crane A&E’s new Interpoint sMOR power converter combines Interpoint’s proven quality and excellence with improved performance for deep space applications. The sMOR is a MIL-PRF-38534 Class K compliant converter with a 19V-50V input range.

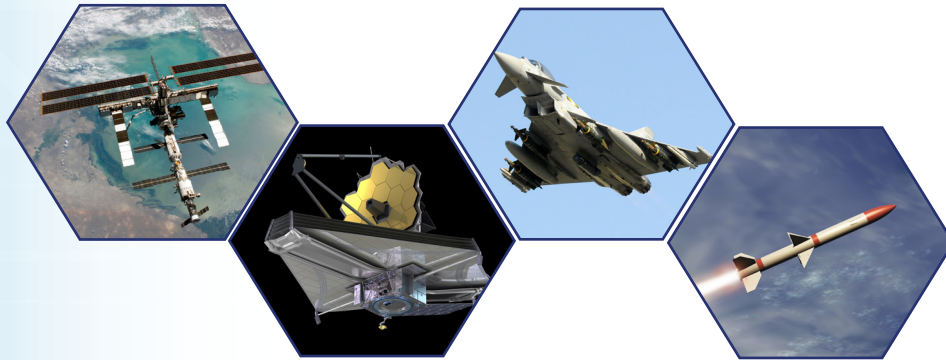
- 19V-50V input voltage
- Guaranteed TID 100krads and 86MeV
- Up to 120W
- Class K compliant



A Legacy of Excellence

An industry leader since 1969, our Crane A&E Interpoint products are featured on mission-critical applications across the world. From the International Space Station, Mars Exploration Program and the James Webb Space Telescope to the Eurofighter Typhoon and myriad advanced

missile programs, our A&E U.S. manufactured power products deliver proven excellence in extreme harsh environments. We're pleased to build off our rich legacy and introduce to customers our new Interpoint brand xMOR family of power conversion solutions.



**Learn more on
our website.**

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