

Avid Controls Ensures Continuous Support for GEPC/Converteam MV3000 Product Line

April 2024 – **As an Authorized Licensed Manufacturer of the GEPC/Converteam MV3000 Product Line, Avid Controls is dedicated to providing world-class support to customers using the MV3000 product line.** With an extensive installed base worldwide, MV3000 modules have demonstrated exceptional success in providing reliable ancillary energy in applications across the oil and gas, marine, wind, and industrial sectors.

"The MV3000 has an excellent track record, and Avid Controls is committed to ensuring its long-term viability for our customers," said Kevin Williams, Vice President of Engineering and Production. By manufacturing new components and providing comprehensive technical support, we're not just ensuring critical equipment continues running reliably. We're giving our customers peace of mind."

Since 2017, Avid Controls has manufactured the MV3000 product line under an exclusive license with GEPC. This partnership combines the MV3000's proven pedigree with Avid's innovation and drive, ensuring a steady supply of new components and spare parts manufactured and warehoused in Waller, TX, USA.

RELIABILITY BY DESIGN

Reliability has been specifically built into the MV3000 from concept onwards. With detailed thermal and lifetime modeling, 60% fewer components than previous generations of the drive, and environmental/user error protection built in, the MV3000 is highly reliable. This inherent reliability has contributed to the MV3000's massive installed base, which includes:

- Over 10,000 wind turbine converters representing 23 GW of installed capacity
- Over 15,000 1000A liquid-cooled Delta power modules in non-wind applications, like solar and industrial
- Over 500 MW of marine and offshore applications, including thrusters and cargo pumps

The MV3000 product line offers a range of features and configurations to meet the needs of diverse applications:

- The modular "Delta" format allows easy maintenance and common spare parts
- The AE3000 series expands the power range with Avid's high-current-density Avid Extreme Inverter (AEI) modules
- Avid-designed rectifier modules provide air-cooled and liquid-cooled options
- Active Energy Management technology delivers near-sinusoidal supply current with minimal harmonics
- Advanced protection and control features ensure reliable operation under harsh conditions

In addition to supplying new MV3000 drive systems, Avid Controls offers upgrade solutions for existing installations. Upgrading with new modules provides a cost-effective way to enhance the reliability and performance of legacy equipment, often without the need for a full system replacement.

AVID AND THE FUTURE

Building on many years' experience in the demanding environment of the drives drilling sector, Avid Controls is committed to continuous support, constant innovation, and enhancing the existing product line far into the future.

Learn more about support for the MV3000 Product Line at: avidcontrolsinc.com/mv3000-and-avid-controls/

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