
NEWSLETTER

1st QUARTER 2004

GREAT BEGINNINGS!

This new year began with EPS being inundated with new power supply designs and production. We were pleased with the new challenges as it began to show what we could really accomplish as a team. With several new designs and follow on orders, we have been able to keep everyone busy. We have had two quality audits and as a result have been added to new customers' approved supplier lists. Thank you for all the good comments we have received from you about our services and our power supplies.

NEW PRODUCTS



9036

The 9036 power supply has three outputs and provides 150W of output power. An internal battery is included to provide back up for short term power failures. The lead-acid batteries are charged during normal operation by an internal battery charger. Status indicators for fan failures, battery condition, and output power are provided. The rack mount system is designed to be fully operational and supportable for 30 years of service within aircraft used by the Royal Canadian Air Force.



9038

The 9038 power supply is a custom design for a military airborne application. It converts 28V input power to

nine isolated outputs totaling 160W. Full EMI filtering and status indication logic are included, as are temperature sensing and remote enable. Two printed circuit boards transfer heat directly to an aluminum housing. This allows for compact surface mount components and planar magnetics to be used, for a simple, rugged package designed for reliable operation in extreme environments.

NEW TEAM MEMBERS



We are pleased to announce the addition of a new Senior Mechanical Designer. David Sauer worked for IBM for 30 years. He more recently comes to us from DRS where he was the Mechanical Design Engineer on the Explorer MP, which used the EPS 9010 power supply. After DRS moved their Engineering division to Maryland, they continued to use David's expertise working from his home here in Colorado. Dave has already proved to be an asset to EPS during a time of heavy design and production demand.

Dave and his wife Sally have two married children and one granddaughter. Dave enjoys his family, working in his yard and golfing. We are pleased to have him on our team.

FUTURE EMI TESTING CAPABILITY

By Larry Choate

With the acquisition of a Lindgren Screen Enclosure, Ensign Power is building the foundation for EMI testing capability in house. The double enclosure insulated screen room shields up to 120 dB of electrical interference, facilitating the accurate performance of electromagnetic testing.

We appreciate our many customers that we have been able to provide quality power supplies for. We look forward to being able to serve your power supply needs in the future.