



ROTATING RECTIFIER ASSEMBLIES

High-Speed AC-to-DC Power Conversion
for Aerospace & Defense Applications



Up to
1000V



Up to
120A



27,500 RPM
Rated



175°C
Operation



TYPICAL ELECTRICAL SCHEMATIC

FEATURES

- Designed for operation up to 27,500 RPM
- Mechanical integrity verified to 35,000 RPM
- Maximum operating temperature: 175°C
- Voltage ratings up to 1000V
- Current ratings up to 120A
- Standard and Fast Recovery rectifier options
- Compatible with oil and airborne fluid environments
- Available in diameters from 1" to 4"
- Custom mechanical configurations available

KEY CAPABILITIES



High-Speed
AC-to-DC
Conversion



High Voltage
Capability



High Current
Capability



Elevated
Temperature
Performance



Aerospace-Grade
Construction



Oil & Fluid
Environment
Compatible



Compact
Design



Custom Mechanical
Configurations
Available



Standard & Fast
Recovery Options



Diameters
1" to 4"



High Reliability
& Long Service Life



Proven Rugged
Performers

APPLICATIONS



Aircraft
Generators



Starter /
Generators



Auxiliary Power
Units (APU)



Aerospace
Power Systems



Military
Platforms



Industrial
Alternators

