

**RELIABLE, HIGH-PERFORMANCE
DIESEL GPUS FOR AVIATION OPERATIONS**

Avro Ground Power Units



Explore our Diesel GPU line

90, 140, 180 kVA

Request a quote or spec sheet today



WHY AVRO

Ground Power Units

Avro GSE's Diesel GPU line delivers dependable, regulated power solutions designed specifically for aviation ground operations. Engineered for ramp durability, precise electrical performance, and optimized fuel efficiency, our diesel GPUs support a wide range of aircraft with ruggedness and ease of service.

Key Common Features & Benefits

- Delivers reliable power for all aircraft systems
- Boosts operational efficiency and cuts costs
- Ensures certified aircraft safety, meeting MIL-STD-704F
- Proven performance in demanding airport environments
- Contributes to a quieter ramp environment
- Rugged design, low maintenance, fuel optimization
- Customizable options to suit unique ramp needs
- Deep integration of spare parts & service support
- Responsive support and warranty flexibility



Choosing the Right GPU

- ✓ **Aircraft size / electrical load demand:** Match continuous current rating and peak start demand
- ✓ **Ramp spacing / usage duration:** All have same 315 L tank (8-24h)
- ✓ **Weight / mobility constraints:** GP90D is lighter for tighter ramp operations
- ✓ **Future proofing:** GP180D gives headroom for larger aircraft or heavier systems

Options & Upgrades

- 28 V DC or 56 V DC output modules (optional)
- Electric start / plug protection features
- Extended cable sets / custom cable lengths
Telemetry / remote monitoring / control integration
- Customized color schemes, branding, labeling
- Special emission / regulatory packages (where applicable)



MODEL	GPU POWER	PEAK CURRENT (A)	CONTINUOUS (A)	ENGINE / CYLINDERS	WEIGHT (KG)	FUEL TANK	OUTPUT TYPES	HIGHLIGHTS
GP90D	90 kVA	2,000 A	800 A	Deutz 4 cyl	2,800 kg	315 L (8-24 h)	400 Hz + optional 28 V DC / 56V	Compact, best for medium aircraft
GP140D	140 kVA			Deutz 6 cyl	3,300 kg			Strong mid-range option
GP180D	180 kVA							Maximum Diesel capacity

Note: Dimensions, cable lengths, optional features available in full spec sheets.

- ✓ Stable and precise voltage / frequency regulation
- ✓ Robust Deutz engines with optimized 1,500 RPM operation (fuel savings)
- ✓ Supports 400 Hz output + optional 28 V DC capability
- ✓ Designed for harsh ramp environments (-20 °C to +45 °C)
- ✓ Quiet operation via sound-insulated canopy (~72 dB)
- ✓ Front-axle steering, full access for maintenance
- ✓ Safety protections and monitoring (oil, temperature, voltage, alarms)

AVRO SUPPORT, SERVICES & FINANCING

Keeping Your Fleet Moving. Always.

Avro GSE is committed to maximizing uptime across your entire operation. Our comprehensive after-sales support and flexible acquisition solutions ensure your fleet performs at its best – today and in the future.

Financing Available

Flexible • Quick Approval • Plans Tailored to Your Needs

More Benefits You'll Gain

- **Avoids Obsolescence.** Upgrade outdated assets with the latest equipment.
- **Protect Cash Flow.** Include freight, installation, setup, training, and service contracts in your monthly payment.
- **Guards Against Inflation.** Pay today's prices with tomorrow's dollars.
- **Provides Manageable Budgets.** Predictable monthly payments, customized to fit your budget.
- **Preserves & Maximizes Capital.** No down payment; keep capital free for growth, staff, or inventory.

Learn more avrogse.com/avro-financing



Avro Always Available

Maintenance Spare Program

- Standard 2-year warranty on Diesel GPU line
- Avro's "AAA (Always Available)" Maintenance Spare Program supports 24/7 operational readiness
- Regional parts availability and rapid delivery in North America
- Optional extended warranty / support plans based on utilization
- Onsite training, commissioning assistance, and technical orientation

Why AVRO GSE

- ✓ Proven performance in airport environments
- ✓ Broad North American parts and service network
- ✓ Modular design with shared components for easier service
- ✓ Financing and rental solutions tailored to your business

avro GSE
Best on Ground

Powering ground operations with performance, reliability, and innovation.

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