

# Ground Power Units

**Reliable, High-Performance  
Diesel GPUs for Aviation Operations**



Explore our Diesel GPU line  
**60, 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
- Designed to meet MIL-STD-704F aircraft power requirements
- Proven performance in demanding airport environments
- Optimized for reduced noise compared to legacy diesel GPUs
- 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:** The 90-180 kVA models share a 315 L fuel tank (approx. 8-24 hours)
- ✓ **Weight / mobility constraints:** GP60D and GP90D are 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                        |  |
|--------|-----------|------------------|----------------|--------------------|-------------|----------------|---------------------------------|-----------------------------------|--|
| GP60D  | 60 kVA    | 2,000 A          | 800 A          | Deutz 4 cyl        | 2,000 kg    | 185 L          | 400 Hz + optional 28 V DC / 56V | Compact, best for medium aircraft |  |
| GP90D  | 90 kVA    |                  |                |                    | 2,800 kg    | 315 L (8-24 h) |                                 |                                   |  |
| 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 with optional 28 V DC or 56 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](https://avrogse.com/avro-financing)



- 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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