

Electric GPU Series

*Power Grounded.
Performance Uncompromised.*

avro GSE

Best on Ground



GP60E

GP90E

GP180E

Reliable 400 Hz Power Solutions for Efficient Ground Operations.

Avro Electric Ground Power Units deliver **clean, reliable, 400 Hz electrical power** to aircraft parked on the ramp or in maintenance. Designed to support full pre-flight work, avionics, cabin systems, and ground testing – these electric GPUs help you **cut fuel costs, reduce emissions, and improve operational efficiency** without running aircraft engines or APUs.

Applications & Benefits

Aircraft Turnaround & Gate Power

Reliable 400 Hz AC power for avionics, lighting, galley systems, and climate control – without onboard power usage.

Maintenance & Testing

Supports ground testing and systems checks safely and efficiently.

Noise & Emission Reduction

Electric GPUs operate quietly and contribute to airport sustainability goals.

Fleet Efficiency

Mobile, durable units help streamline ground workflows and reduce lifecycle costs

Why Choose Avro Electric GPUs?

- ✓ **100% Electric – Sustainable & Quiet**
Eliminate engine idle and APU runtimes by powering aircraft systems directly with stable, ground-supplied 400 Hz AC power.
- ✓ **Optimized for Turnarounds & Maintenance**
Support comprehensive pre-flight systems checks, cockpit loads, cabin lighting, climate control, and hydraulic systems with consistent power delivery.
- ✓ **Built for Reliability & Durability**
Engineered for rigorous ramp environments with humidity packages, overload/fault protection, and mobile performance for seamless ground handling.
- ✓ **Operator-Friendly Design**
Intuitive control panels, mobile chassis, and long service life mean less downtime and easier maintenance.
- ✓ **Reduce Emissions & Costs**
Reduce overall ground energy costs while supporting airport sustainability initiatives.



IN-DEPTH FEATURE HIGHLIGHTS

GP60E Ideal for narrow-body aircraft and support operations

- Steady 400 Hz output powering critical systems without APU or engines.
- Cuts fuel use and emissions, improves turnaround times.
- Quiet operation suitable for both ramp & hangar.
- Designed for durability in high humidity and outdoor conditions.
- Mobile solution with easy positioning and reliable performance.

Key Specs

- Output: 60 kVA, 28.5 V
- 1 output connection
- High overload capability
- IP55 protection, -50 °C to +50 °C operation
- Mobile with TFT touchscreen control pane

GP90E Balanced solution for medium aircraft types

- Robust 400 Hz AC power with tight regulation for avionics and lighting.
- Comprehensive protections: no-break transfer, voltage/frequency safeguards.
- Efficient and resilient in varied environments.

Key Specs

- Output: 90 kVA
- 3×115/200 V at 400 Hz
- ±0.001 Hz frequency stability
- Outstanding harmonic and phase balance performance
- IP55 protection; low noise mobile operation

GP180E High-capacity power for wide-body aircraft

- Delivers heavy-duty 400 Hz power for large aircraft systems and maintenance tasks.
- Dual output capability for simultaneous operations.
- Advanced protections and rugged design ensure mission reliability.

Key Specs

- Output: 180 kVA, 2 outputs
- Stable voltage and frequency with excellent regulation
- IP55 ingress protection and broad temperature range
- Flexible cabling options to customer specs



Flexible Financing Plans to Upgrade Your Fleet

Flexible • Quick Approval Plans Tailored to Your Needs

SUPPORT • WARRANTY • SERVICE

Customizable warranty plans Tailored to airport operating hours & usage profiles

AAA Maintenance Spare Program Access to standby units & expedited spare parts across service network

Stocked inventory & fast shipping Units and parts available for prompt deployment

Contact Us

For more information or to request a quote: