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NEWS: For Immediate Release



High-resolution product images available at audioauthority.com/page/gppimages

Third-Generation GPUs Deliver More Power and Offer Unique Integrated BatteryMINDER® Option

Audio Authority Corporation of Lexington, Kentucky has announced the availability of its Enhanced Flight Models 2870A & 2835A Ground Power Units (GPUs). These latest generation GPUs are a remarkable 89% electrically efficient. From an ordinary 90-230 VAC wall outlet, they now provide a maximum continuous 28-volt output of 70 or 35 amps respectively, a 16% increase! This is ample for safely powering airframe systems in most piston, turboprop, and jet aircraft up to 12,500 lbs. Enhanced Flight GPUs have been tested with a variety of aircraft including Cessna, Piper, and Cirrus pistons; plus Meridian, TBM, PC12, Mustang, CJs, Lear 31A, King Air, and Twin Commander turbines.

Unique to these new GPUs is the factory-installed option of a fully integrated BatteryMINDER for just \$200. Partnering with VDC Electronics, Audio Authority is offering the award winning 3-stage smart battery charger, maintainer, and de-sulfator built into either GPU model. This unique implementation of the BatteryMINDER technology features an ambient temperature sensor embedded into the charger's output cable to automatically regulate its output and prevent over or under charging over a wide range of temperatures.

The BatteryMINDER is designed to remain connected to the aircraft battery continuously while in hangar storage to maintain the ship's battery fully-charged and restore lost battery capacity with its patented high-frequency, low-current pulse technology, greatly extending useful battery life.

The GPU BatteryMINDER option also includes an Airframe Interface Kit designed to allow a licensed mechanic to permanently install an aviation-grade wiring harness on certified aircraft as a minor alteration and return it to service with a simple maintenance log entry – no FAA Form 337 required. The Airframe Interface Kit provides a simple, airworthy quick-connect/disconnect point for the BatteryMINDER, complementing its “plug-N-run” design.

Enhanced Flight brand GPUs feature digital output meters for both voltage and current, a detachable front-panel output cable, and removable caddies for cord & tool storage. Their design represents a dramatic departure in ground power design for aircraft owners, maintenance and avionics shops, dealers, FBOs, and aircraft manufacturers. Its lightweight, easily portable design utilizes high-efficiency switching-mode power technology to provide stable, noise-free DC power that perfectly replicates the in-flight electrical environment. Common uses include:

- Power for a thorough pre-flight inspection and battery top-off
- Cockpit procedures training, familiarity and practice
- Avionics testing, programming, and database updates
- Cabin heating and ventilation
- Entertainment systems
- Aircraft systems troubleshooting and maintenance

This new generation GPU is designed as an affordable, practical alternative to start carts, battery chargers, and other power systems designed primarily for spinning engine starter motors.

Pricing starts at \$775 for the 35-amp Model 2835A, and \$1,195 for the 70-amp Model 2870A. Both come with a 14-day return policy and a 1-year limited warranty. Availability is immediate from AudioAuthority.com and through national distributors, Sporty's Pilot Shop and Aircraft Spruce & Specialty. Enhanced Flight GPUs are designed and assembled in the USA.

More information is available at the Audio Authority website, including a video tutorial and downloadable Operator's Manual. www.audioauthority.com/GPU

For high resolution photos, or product questions please contact:

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